Status Batch# Style	Name	Author	Туре	ABV	OG	FG	EBC	IBU BU/GU	RBR	Mash FWH Kettle	Late A	Aroma DH BJCP	Flaws Ca	Mg	Na	CI	SO4	HCO3	SO4/CI	SO4+Cl Cost/L
Saved 01A American Light Lager	Ragondingue - #035-Crokodil	Ragondingue Craft Beer	All Grain	3.7	1.033	1.005	5.7	10 0.31	0.33	0.0 0.0 10.2	0.0	0.00	0 20	4	38			20		100.00
Saved 01A American Light Lager Saved 01B American Lager	Typical American Light Lager Stella Artois (clone)	John J. Palmer (How To Brew) Danne	Extract All Grain	4.1	1.033	1.005 1.011		21 0.60 32 0.66	0.65	0.0 0.0 18.3 0.0 0.0 30.1		0.00	4 20	4	38	75	25	20	0.33	100.00
Saved 01B American Lager Saved 01C Cream Ale	Today is Another Lager (20220930) AnOtter Cream Ale	BeerCat@homebrewinguk.com The Thirsty Otter	All Grain All Grain	3.7 4.7	1.040	1.012		15 0.36	0.33	0.0 12.1 0.0		2.4 0.00	2 21	4	37	74 44	25 67	20		99.00 111.00
Saved 01C Cream Ale Saved 01C Cream Ale	Cream Ale	Brew Dudes	All Grain	5.5	1.044	1.008		14 0.32 19 0.38	0.34	0.0 0.0 12.5 0.0 0.0 12.8			0 29 0 29	7	22	44	68	17		112.00
Saved 01C Cream Ale Saved 01C Cream Ale	Cream Ale (20191210) New Glarus - Spotted Cow (clone)	Biggles Brewery Pig Den Brewing	All Grain All Grain	5.5	1.052 1.049	1.010 1.011	5.9 8.3	19 0.36 18 0.36	0.37 0.36	0.0 0.0 19.0 0.0 0.0 15.8			0 28	2	25	50	25	43	0.50	75.00
Saved 01C Cream Ale	Ragondingue - Moonshine Ekuanot	Ragondingue Craft Beer	All Grain	5.1	1.050	1.011	8.5	14 0.28	0.28	0.0 0.0 10.1	1.0	3.0 0.00	0 17	4	34	50	25	40		75.00
Saved 01C Cream Ale Saved 01D American Wheat Beer	xBmt-20191031 High Mash pH Allagash Brewing - Allagash White	Matt Skillstad Allagash Brewing / Craft Beer & Brewing	All Grain All Grain	5.0 4.7	1.051	1.013 1.012		14 0.28 17 0.35	0.27	0.0 0.0 10.6 0.0 0.0 10.4		0.0 0.00 1.3 0.00	1 17 0 55	4 15	33 45	50 75	25 150	40		75.00 225.00
Saved 01D American Wheat Beer	American Wheat Beer	The Thirsty Otter	All Grain	4.6	1.044	1.009	6.7	24 0.56	0.57	0.0 0.0 10.0	0.0	14.4 2.68	0 55	15	46	75	150	40	2.00	225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	American Wheat Beer v2 Astronomical Ales - Neptune Blueberry Wheat Ale	The Thirsty Otter Astronomical Ales	All Grain All Grain	4.6 5.4	1.044	1.009	6.7 8.1	24 0.56 16 0.31	0.57	0.0 0.0 10.0 0.0 0.0 10.6		14.4 3.58 0.0 0.00	0 55	15	46	75	150	40	2.00	225.00
Saved 01D American Wheat Beer	Blackthorn Wheat Beer	George@homebrewinguk.com	All Grain	4.2	1.043	1.011	11.6	15 0.36	0.35	0.0 0.0 15.4	0.0	0.0 0.00	0 55	15	46		150	40		225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	Blackthorn Wheat Beer Blonde Buckwheat Beer	George@homebrewinguk.com Castle Malting	All Grain All Grain	4.2 5.0	1.043 1.046	1.011		15 0.36 25 0.54	0.35	0.0 0.0 15.4 0.0 0.0 13.7			0 55	15	46	75	150	40	2.00	225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	Citra Wheat Beer Gooseberry Bramling-X Wheat Beer	George@homebrewinguk.com The Thirsty Otter	All Grain All Grain	5.6		1.005 1.008	1212	30 0.62 18 0.47	0.70	0.0 0.0 29.7 0.0 0.0 18.2			4 55 1 55	15	45 46	75	150 150	40		225.00 225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	Hibiscus Wheat Ale	The Thirsty Otter	All Grain	4.1	1.044	1.008	10.6 7.5	18 0.40	0.48	0.0 0.0 18.2 0.0 0.0 12.3			0 55	15 15	46	75 75	150	40		225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	Marvin - HHG2 the Galaxy Marvin - HHG2 the Galaxy and beyond	The Thirsty Otter The Thirsty Otter	All Grain All Grain	5.0 5.0	1.045 1.045	1.009 1.009		22 0.46 22 0.46	0.48	0.0 0.0 0.0 0.0 0.0 0.0		011 2111	0 55 0 55	15 15	45 45	75 75	150 150	40 40		225.00 225.00
Saved 01D American Wheat Beer	Marvin - HHG2 the Galaxy and beyond v2	The Thirsty Otter	All Grain	5.0	1.045	1.009		22 0.46	0.48	0.0 0.0 0.0			0 55	15	45	75	150	40		225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	No Boil Wheat Beer No Rhubarb Wheat Beer	Clibit@homebrewinguk.com George@homebrewinguk.com	All Grain All Grain	4.2 5.5	1.042 1.050	1.010		8 0.18 22 0.44	0.18 0.47	0.0 0.0 0.0 0.0 0.0 22.3			3 0 55	15	45	75	150	40	2.00	225.00
Saved 01D American Wheat Beer	Orange Wheat IPA	The Thirsty Otter	All Grain	5.1	1.046	1.009	8.1	27 0.56	0.58	0.0 0.0 0.0	15.5	11.2 0.00	0 100	18	16		273	31		323.00
Saved 01D American Wheat Beer 01D American Wheat Beer	Ragondingue - #006-4649 お願いします Raspberry Wheat Beer	Ragondingue Craft Beer	All Grain	4.6	1.043	1.008		0 0.00	0.59	0.0 0.0 9.1 0.0 0.0 0.0		5.5 8.00 0.0 0.00	3 55	15	45	75	150	40	2.00	225.00
Saved 01D American Wheat Beer	SMaSH Mosaic	George@homebrewinguk.com The Thirsty Otter	All Grain	7.1	1.042	1.003	_	20 0.47	0.50	0.0 0.0 0.0 0.0 0.0 0.0		5.1 2.00	1 55	15 15	46	75 75	150 150	40	2.00	225.00
Saved 01D American Wheat Beer 01D American Wheat Beer	SMaSH Mosaic v2 SMaSH Mosaic v3	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.6 4.6	1.042	1.007		20 0.47 20 0.48	0.50 0.51	0.0 0.0 0.0 0.0 0.0 0.0		5.1 0.00 5.3 3.00	1 55 1 55	15 15	46 46		150 150	40 40		225.00 225.00
Saved 02A International Pale Lager	Another Rice Lager (20220922)	Beercat@homebrewinguk.com	All Grain	4.5	1.044	1.010	6.5	18 0.41	0.41	0.0 15.4 0.0	0.0	2.7 0.00	0 11	4	18	16	21	42	1.31	37.00
Saved 02A International Pale Lager Saved 02A International Pale Lager	Brü It Yourself Japanese Rice Lager Fuggled Up	Phil Rusher The Thirsty Otter	All Grain All Grain	5.6 4.9	1.048	1.005 1.009		21 0.43 21 0.45	0.48	0.0 12.3 0.0 0.0 0.0 20.7			1 100 0 62	15 5	75 9	132 67	200 79	94 20		332.00 146.00
Saved 02A International Pale Lager	Hallertau Blanc Lager	Clibit@homebrewinguk.com	All Grain	5.0	1.048	1.010	8.7	34 0.7	0.71	0.0 0.0 32.0	0.0	1.7 0.00	3 62	5	9	67	79	20	1.18	146.00
Saved 02A International Pale Lager Saved 02A International Pale Lager	Lager (20221210-1) Lager (20221210-2)	Chug@homebrewinguk.com Chug@homebrewinguk.com	All Grain All Grain	5.3 5.4	1.048	1.008		23 0.47 21 0.43	0.5 0.46	0.0 0.0 15.5 0.0 0.0 10.9			0 29 0 29	8 8	31 31	64 64	65 65	17 17		129.00 129.00
Saved 02A International Pale Lager	Lager4our	Lock 'em Down Brews	All Grain	5.4	1.051	1.010	7.1	22 0.43	0.44	0.0 0.0 18.8	3.0	0.0 0.00	1							
Saved 02A International Pale Lager Saved 02A International Pale Lager	Mexican Lager Attempt 5 Mistral 76	Jeffrey Coburn Womble@homebrewinguk.com	All Grain All Grain	4.7 5.3	1.046 1.052	1.010 1.012		21 0.46 25 0.48	0.46	0.0 0.0 21.2 0.0 0.0 14.9		0.0 0.00 1.7 8.75	0 62	5	9	67	78	20	1.16	145.00
Saved 02A International Pale Lager	Modelo (clone)	Cheshire Cat@homebrewinguk.com	All Grain	4.7	1.047	1.011	6.5	24 0.50	0.50	0.0 0.0 15.6	7.9	0.0 0.00	0 62	5	9	67	78	19		145.00
Saved 02A International Pale Lager Saved 02A International Pale Lager	Rainwater Lager RW 23 Lager	Womble@homebrewinguk.com Womble@homebrewinguk.com	All Grain All Grain	5.3 5.5	1.049	1.009 1.010	6.5	20 0.41 21 0.41	0.43	0.0 0.0 19.9 0.0 0.0 19.6			0 20	4	38	75	25	20	0.33	100.00
Saved 02A International Pale Lager	SIL	Cheshire Cat@homebrewinguk.com	All Grain	4.7	1.045	1.009	5.5	25 0.54	0.56	0.0 16.9 0.0	7.7	0.0 0.00	1 100	15	75 51	132	200	94		332.00
Saved 02A International Pale Lager 02A International Pale Lager	SMaSH Fuggle v3 The Hop Chronicles Amarillo (2021) Pale Lager	The Thirsty Otter Will Lovell	All Grain All Grain	4.6	1.040 1.047	1.007	6.7	21 0.51 20 0.42	0.54	0.0 0.0 21.4 0.0 0.0 18.0		0.0 0.00	0 47 0 53	2	51 3	102 50	51 58	68 17	1.16	153.00 108.00
Saved 02A International Pale Lager	The Hop Chronicles Gr Northern Brewer (2021) Pale Lager	Will Lovell	All Grain	4.7	1.047	1.011	6.7	20 0.42	0.42	0.0 0.0 17.3	2.5	0.0 0.00	0 53	2	3	50	58	17	1.16	108.00
Saved 02A International Pale Lager 02A International Pale Lager	The Hop Chronicles Motueka (2021) Pale Lager The Winner	Will Lovell The Oyster Boys	All Grain All Grain	4.7	1.047 1.044	1.011		20 0.42 27 0.61	0.42 0.64	0.0 0.0 18.0 0.0 0.0 21.1			0 52 3 62	5	9	55 67	78	17 20	1.16	115.00 145.00
Saved 02A International Pale Lager Saved 02A International Pale Lager	Utopian - Premium British Lager Womble Lager	Utopian / The Malt Miller Alcoholx@homebrewinguk.com	All Grain All Grain	5.0 4.7	1.046 1.046	1.008 1.010		20 0.44 22 0.48	0.46 0.49	0.0 15.7 2.2 0.0 0.0 22.2	0.0	2.2 0.00	0 39 0 62	12	38	75 67	100	20		175.00 146.00
Saved 02A International Pale Lager	xBmt-20191021 Star San Foam	Cade Jobe	All Grain	4.7	1.048	1.015		22 0.48	0.49	0.0 0.0 20.1	1.5	0.0 0.00	2 29	8	31	64	79 65	20 17	1.02	129.00
Saved 02A International Pale Lager Saved 02C International Dark Lager	xBmt-20201029 FWH vs. Standard Hop - European Lager Gravey's Brewery - Black Lager	Mike Olivier Gravey's Brewery	All Grain All Grain	4.6 5.1	1.045 1.049	1.010 1.010		27 0.61 46 0.93	0.61	0.0 27.3 0.0 0.0 0.0 34.5		0.0 0.00 1.2 0.00	3 11	4	18	16	21	42	1.31	37.00
Saved 03A Czech Pale Lager	Czech lager - Bohemian Pilsener	Robert@homebrewinguk.com	All Grain	4.1	1.045	1.014	9.9	38 0.83	0.76	0.0 0.0 28.6	8.9	0.0 0.00	2 47	2	8	71	25	17	0.35	96.00
Saved 03A Czech Pale Lager Saved 03A Czech Pale Lager	Proper English Lager Simcoe Diamond Quaffer	An Ankoù@homebrewinguk.com hichaechoc@homebreinguk.com	All Grain All Grain	3.8 4.1	1.042 1.042	1.013 1.011		24 0.57 27 0.63	0.52 0.61	0.0 15.2 0.0 0.0 0.0 19.3		1.1 0.00 7.2 0.00	0 10	2	7	14	13	17	0.93	27.00
Saved 03B Czech Premium Pale Lager	Forks in the Road - Loral Lager	Joe Stange	All Grain	5.3	1.048	1.008	6.7	37 0.77	0.82	0.0 0.0 17.2	9.5	10.3 0.00	2							
Saved 03B Czech Premium Pale Lager Saved 03B Czech Premium Pale Lager	Pilsner Urquell Authentic (clone) - Decoction Světlé Pivos Czech Lager	Østerbro Bryghus Pesho77@homebrewinguk.com	All Grain All Grain	4.5 5.0	1.044	1.010 1.010		35 0.80 40 0.83	0.80	0.0 0.0 10.2 0.0 29.7 0.0		1.7 0.00 0.0 0.00	2 7 3 20	2 4	3 38	6 75	7 25	17 20		13.00 100.00
Saved 03B Czech Premium Pale Lager	TBS 005: Short & Shoddy Czech Premium Pale Lager	Martin Keen	All Grain	5.4	1.056	1.015	6.9	40 0.72	0.69	0.0 33.2 0.0	6.8	0.0 0.00	0 47	2	8	72	25	17	0.35	97.00
Saved 03B Czech Premium Pale Lager Saved 03B Czech Premium Pale Lager	xBmt-20190812 The Mashout Effect xBmt-20191028 Variable Ferm Temp On Pale Lager	Phil Rusher Jake Huolihan	All Grain All Grain	5.9 4.3	1.062 1.049	1.017 1.016		32 0.53 47 0.96	0.50 0.86	0.0 0.0 25.8 0.0 0.0 44.4		0.0 0.00 0.0 0.00	4 47 3 39	2 2	8	72 42	25 45	17 17		97.00 87.00
Saved 03B Czech Premium Pale Lager	xBmt-20200622 Impact Of Open Fermenation On Pale Lager	Cade Jobe	All Grain	5.1	1.055	1.016	7.7	23 0.42	0.39	0.0 0.0 21.5	1.7	0.0 0.00	3 21	4	39	78	26	20	0.33	104.00
Saved 03B Czech Premium Pale Lager Saved 03C Czech Amber Lager	xBmt-20200720 Cold vs. Warm Storage Czech Lager Human Robot - Polotmavy 12°	Brian Hall Andrew Foss / Craft Beer & Brewing	All Grain All Grain	4.9 5.3	1.051	1.014	7.5 32.0	35 0.69 29 0.59	0.66	0.0 0.0 27.4 0.0 5.0 12.8		0.8 0.00 0.0 0.00	0 42 2 54	2 2	3	40 59	45 49	17 17		85.00 108.00
Saved 03C Czech Amber Lager	Short & Shoddy Czech Amber Lager (3C)	Will Lovell	All Grain	4.9	1.048		26.5	35 0.73	0.73	0.0 0.0 27.6	7.5	0.0 0.00	3 54	2	3	58	49	17	0.84	107.00
Saved 03D Czech Dark Lager Saved 03D Czech Dark Lager	Dovetail Czech Dark Lager Lager Angst	Jenny Pfäfflin / Craft Beer & Brewing BigMack@homebrewinguk.com	All Grain All Grain	4.6 5.1	1.045 1.049	1.010		29 0.65 28 0.56	0.65	0.0 0.0 25.2 0.0 0.0 19.9		0.9 0.00 0.0 0.00	2 34 1 20	3 4	18 38	61 75	32 25	17 20		93.00 100.00
Saved 04A Munich Helles	AnOtter Munich Helles (SMaSH)	The Thirsty Otter	All Grain	5.0	1.042	1.007	6.3	17 0.39	0.42	0.0 0.0 13.0	4.4	0.0 0.00	0 48	5	5	51	60	19	1.18	111.00
Saved 04A Munich Helles Saved 04A Munich Helles	AnOtter Munich Helles Lager Boddington Hell (Golding)	The Thirsty Otter Clibit@homebrewinguk.com	All Grain All Grain	5.4 4.2	1.046	1.007 1.005		19 0.40 34 0.92	0.43 1.01	0.0 0.0 16.1 0.0 0.0 32.6			0 21 6 21	4	38 39	76 75	25 26	20		101.00 101.00
Saved 04A Munich Helles Saved 04A Munich Helles	Boddington Hell (Tettnang) Kyeik Helles	Clibit@homebrewinguk.com bythemashtun gmail-com / The Malt Miller	All Grain All Grain	4.2	1.037	1.005 1.010	10.0	34 0.91	1.00	0.0 0.0 32.6	0.0	1.2 0.00	7 20	4	38	75	25	20	0.33	100.00
Saved 04A Munich Helles	Munich Helles (20230330)	GHW@homebrewinguk.com	All Grain	4.7	1.048	1.012	7.5	18 0.37	0.44	0.0 0.0 19.2 0.0 0.0 14.5	3.5	0.0 0.00	1 20 0 20	4	38	75 75	25 25	20	0.33	100.00
Saved 04A Munich Helles Saved 04A Munich Helles	Munich Helles Lager Munich Helles sMasH	David Heath Westburn Brewing	All Grain All Grain	5.4	1.048	1.007 1.008	7.9	20 0.42 18 0.36	0.46	0.0 0.0 16.7 0.0 0.0 14.3	3.3	0.0 0.00	0 21 3 21	4	38 37	76 75	25 26	20 19	0.33	101.00 101.00
Saved 04A Munich Helles	xBmt-20190520 Hot Break Removal	Phil Rusher	All Grain	4.9	1.050	1.013	10.6	21 0.41	0.40	0.0 0.0 20.6	0.0	0.0 0.00	3 20	4	38	75	25	20	0.33	100.00
Saved 04B Festbier Saved 04B Festbier	October Fest (20231002) xBmt-20190930 Force Carb vs Krausening	Cheshire Cat@homebrewinguk.com Phil Rusher	All Grain All Grain	5.9 5.3		1.013		22 0.37 21 0.37	0.37	0.0 0.0 13.8 0.0 0.0 17.1			2 100 3 48	15	75 25	131 63	200 75	94 17		331.00 138.00
Saved 04B Festbier	xBmt-20200928 Bitter Hops: 30 vs. 60 Minutes in Pale Lager	Phil Rusher	All Grain	5.4	1.055	1.014	7.7	19 0.35	0.34	0.0 0.0 19.2	0.0	0.0 0.00	3 100	15	75		200	94		332.00
Saved 04C Helles Bock Saved 04C Helles Bock	Helles Bock xBmt-20191202 Impact Of Adding Zinc At Yeast Pitch	Brewer's Friend Blog Cade Jobe	All Grain All Grain	6.7 7.1	1.070 1.073	1.019 1.019		32 0.45 22 0.30	0.43	0.0 0.0 27.2 0.0 0.0 20.3		0.0 0.00 0.0 0.00	1 5 44	7	50	100	50	60	0.50	150.00
Saved 05A German Leichtbier	Blackstrap Lager	Geoffrey Shread	All Grain	3.0	1.029	1.006	7.7	20 0.70	0.72	0.0 0.0 20.2	0.0	0.0 0.00	0 39	12	38	75	100	20		175.00
Saved 05A German Leichtbier Saved 05B Kölsch	Oranjeboom Licht Gerste (1933) Arctic Ale	Ronald Pattinson Cheshire Cat@homebrewinguk.com	All Grain All Grain	3.5 4.7		1.007 1.010		14 0.42 33 0.72	0.43 0.73	0.0 0.0 14.3 0.0 0.0 24.9			4 41	6	20	40	80	35	2.00	120.00
Saved 05B Kölsch	Chateau Kölsch	Andymoz-70@homebrewinguk.com	All Grain	5.0	1.050	1.012	8.5	18 0.35	0.35	0.0 0.0 0.0	17.6	0.0 0.00	3			-				
Saved 05B Kölsch Saved 05B Kölsch	Nykølsch Ragondingue - #042-Blitzkrieg	Thorsten E. Schilling Ragondingue Craft Beer	All Grain All Grain	4.5 4.9	1.045 1.048	1.011 1.011		28 0.63 28 0.58	0.62	0.0 0.0 18.7 0.0 0.0 15.2			1 0 17	4	33	50	25	40	0.50	75.00
Saved 05B Kölsch	Roosters Yankee Golden Ale	Cheshire Cat@homebrewinguk.com	All Grain	4.2	1.042	1.010	7.5	41 0.96	0.95	0.0 0.0 26.8	14.0	0.0 0.00	5 17	4	34	50	25	40	0.50	75.00
Saved 05B Kölsch Saved 05C German Helles Exportbier	xBmt-20200127 Olive Oil Aeration Leigh's Helles	Cade Jobe Tigermoth@homebrewinguk.com	All Grain All Grain	4.3 5.6		1.011 1.012		17 0.38 26 0.47	0.37 0.47	0.0 0.0 15.7 0.0 0.0 15.6		0.0 0.00 3.0 0.00	4 153 0	17	18	50	389	17	7.78	439.00
Saved 05C German Helles Exportbier	xBmt-20191007 Bootleg Biology OSLO Ferm Temp	Matt Del Fiacco	All Grain	6.8	1.055	1.009	8.1	20 0.36	0.38	0.0 0.0 20.1	0.0	0.0 0.00	2 43	7	50	100	50	60		150.00
Saved 05C German Helles Exportbier Saved 05D German Pils	xBmt-20191125 Kveik Yeast Pitch Rate Colby's Bohemian Pilsner (variant)	Matt Del Fiacco GHW@homebrewinguk.com	All Grain All Grain	6.2 4.7	1.062 1.047	1.015 1.011		24 0.38 35 0.75	0.37 0.75	0.0 18.0 0.0 0.0 0.0 22.6		0.0 0.00 1.4 0.00	3 20	4	38	75	25	20	0.33	100.00
Saved 05D German Pils	Gravey's Brewery - Kveik Pilsner Halletauer Mittelfruh	Gravey's Brewery	All Grain	4.7	1.042	1.006	5.9	9 0.22	0.24	0.0 0.0 8.4	0.0	0.8 0.00	5	40	20	75	100	20	1.20	175.00
Saved 05D German Pils	Hamburg Lager	Womble@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	4.6		1.012 1.011	6.7	23 0.44 45 0.98	0.44 0.97	0.0 0.0 22.8 0.0 18.4 22.1	4.0	0.0 0.00	4 39 3 39	12 12	38 38	75 75	100	20		175.00 175.00
Saved 05D German Pils	Lisa Likes Nelson	hichaechoc@homebrewinguk.com	All Grain	4.5	1.050	1.016	6.5	31 0.63	0.57	0.0 0.0 10.6	11.1	9.7 22.30	1							
Saved 05D German Pils Saved 05D German Pils	North German Style Pils Pale Bitter Lager (20231208)	EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain		1.045 1.053	1.011 1.009		48 1.06 51 0.96	1.04	0.0 19.6 23.4 0.0 22.3 0.0	28.8	0.0 0.00	3 5 39	12	38	75	100	20		175.00
Saved 05D German Pils Saved 05D German Pils	Pilsner (20220428) Pilsner (20220822)	GHW@homebrewinguk.com GHW@homebrewinguk.com	All Grain All Grain	4.9 4.6	1.047	1.010 1.011	6.1	33 0.70 31 0.66	0.71 0.65	0.0 0.0 29.2 0.0 0.0 21.9	3.4	0.0 0.00	0 39	12 12	38 38	75	100 100	20	1.33	175.00 175.00
Saved 05D German Pils	SMaSH Most	The Thirsty Otter	All Grain	4.5	1.046	1.012	6.3	24 0.52	0.50	0.0 0.0 23.8	0.0	0.0 0.00	0 48	5	9	75 57	56	23	0.98	113.00
Saved 05D German Pils Saved 05D German Pils	xBmt-20200406 SMB Amount xBmt-20200427 Calcium Chloride At Packaging xBmt	Jake Huolihan Jake Huolihan	All Grain All Grain	4.2	1.045 1.053	1.013 1.013	8.7	52 1.15 49 0.93	1.08 0.91	0.0 0.0 29.0 0.0 0.0 43.0	23.1	0.0 1.42	5 100 6 59	15	75 8	131 55	200 75	95 17		331.00 130.00
Saved 05D German Pils	xBmt-20200511 Low vs. High Trub in German Pils	Phil Rusher	All Grain	4.6	1.053	1.013		28 0.57	0.91	0.0 0.0 43.0		0.0 0.00	1 50	15	5	37	105	17	2.84	142.00
Saved 05D German Pils Saved 05D German Pils	xBmt-20200713 Closed vs. Open Transfer to Keg xBmt-20201026 Gelatin Fining Kveik Fermented Beer	Jake Huolihan Jake Huolihan	All Grain All Grain		1.055 1.052	1.015 1.012		60 1.09 37 0.71	1.04 0.71	0.0 0.0 52.5 0.0 0.0 25.1		0.0 0.00 0.0 0.00	7 59 2 58	2 2	8	55 55	75 75	17 17		130.00 130.00
Saved 05D German Pils	xBmt-20201116 Cold Crash Speed German Pils	Jake Huolihan	All Grain	5.0	1.053	1.015	9.1	34 0.65	0.61	0.0 0.0 25.2	9.1	0.0 0.00	2 58	2	8	55	75	17	1.36	130.00
Saved 05D German Pils Saved 06A Märzen	xBmt-20201130 Impact Of Carapils On Pale Lager Red Lager	Phil Rusher www.maroma.sk	All Grain All Grain	4.9 7.2	1.052	1.015 1.011		43 0.83 18 0.28	0.78	0.0 0.0 24.4 0.0 0.0 10.4		0.0 3.86 1.6 0.00	3 50	10	5	37	105	17	2.84	142.00
Saved 06C Dunkles Bock	AnOtter Dunkles Bock	The Thirsty Otter	All Grain	6.7	1.062	1.014	42.5	24 0.37	0.37	0.0 7.6 6.5	10.1	0.0 0.00	0 73	13	52	50	123	129	2.46	173.00
Saved 06C Dunkles Bock Saved 06C Dunkles Bock	Einbecker Ur-bock Dunkel (clone) Oerbock	EspeciallyBitter@homebrewinguk.com Louis van Velthoven	All Grain All Grain	7.4 5.9	1.067 1.058	1.011 1.013		37 0.55 30 0.52	0.55 0.52	0.0 0.0 37.0 0.0 0.0 24.9		0.0 0.00 0.0 0.00	5 5 51	6	24	88	62	17	0.70	150.00
Saved 06C Dunkles Bock	Stuiver	Arnoud Baalhuis	All Grain	7.0	1.071	1.018	49.5	36 0.51	0.49	0.0 0.0 26.6	9.5	0.0 0.00	4 73	13	34	80	94	134	1.18	174.00
Saved 06C Dunkles Bock	Viergranen Bokbier	't Wort Wat	All Grain	6.0	1.060	1.014	36.0	34 0.57	0.57	0.0 0.0 30.7	3.0	0.0 0.00	5 51	6	24	88	62	17	0.70	150.00

Saved 07/	7A Vienna Lager	Brooklyn Lager (BYO clone)	BYO (Brew Your Own magazine)	All Grain	5.5	1.057	1.015	20.5 30	0.52	0.50	0.0 (.0 Kettle			35.52 2	laws Ca	7	50	100	50	HCO3 67	0.50	SO4+Cl 150.00	Cost/L
	7A Vienna Lager 7A Vienna Lager	Brooklyn Lager (clone) Gladfield Vienna Lager	Pig Den Brewing Tigermoth@homebrewinguk.com	All Grain All Grain	5.3 5.3	1.053 1.055	1.013 1.015	17.9 43 28.5 33	0.81	0.79 0.57	0.0	.0 39.1	0.0	4.1		46	7	50	100	50	68	0.50	150.00	
	7A Vienna Lager	Jacobsen - Viva Classic! (clone)	The Thirsty Otter	All Grain	5.3	1.050	1.010	20.5 24	0.47	0.48	0.0	.0 12.9	0.0	10.6	0.00 0	46	7	50	100	50	67	0.50	150.00	
	7A Vienna Lager 7A Vienna Lager	Ragondingue - Game Over Vienna Lager (20210719)	Ragondingue Craft Beer GHW@homebrewinguk.com	All Grain All Grain	5.1 4.9	1.061	1.012 1.011	19.1 23 14.0 27		0.45 0.56		.0 15.2 .0 25.0	7.4	0.0	0.00 0 0.00 1	20	7	38 50	75 100	25 50	20 67	0.33	100.00 150.00	
Saved 07/	7A Vienna Lager	Vienna Lager (20220206)	GHW@homebrewinguk.com	All Grain	5.1	1.049	1.010	14.4 25	0.52	0.53	0.0	.0 22.6	2.7	0.0	0.00 1	. 46	7	50	100	50	68	0.50	150.00	
	7A Vienna Lager 7A Vienna Lager	Vienna Lager (20230412) Vienna Lager (20240329)	Cheshire Cat@homebrewinguk.com Ceejaydubja69@homebrewinguk.com	All Grain All Grain	5.0	1.049 1.050	1.011 1.012	29.5 26 25.5 22		0.52		.0 16.3		0.0	0.00 0		5	50 19	100 49	50 53	67 17	0.50 1.08	150.00 102.00	
Saved 078	7B Altbier 7B Altbier	AnOtter Althier	The Thirsty Otter Small Batch Brew Co.	All Grain	4.7	1.045	1.009	19.7 30 25.0 40		0.69		.0 13.5	16.6 7.0	0.0	0.00 0 0.00 2		15	50	75	200	68	2.67 2.67	275.00 275.00	
	7B Altbier	Flanders Altbier Gale Ale	Small Batch Brew Co. AnkAnkou@homebrewinguk.com	All Grain All Grain	5.1 5.1	1.052	1.013 1.011	25.0 40 27.5 36		0.73 0.74		.0 32.5		0.0	0.00 2		15	50	75	200	67	2.67	2/5.00	
	7B Altbier 3A Munich Dunkel	Ragondingue - #061-Parabellum AnOtter Munich Dunkel	Ragondingue Craft Beer The Thirsty Otter	All Grain All Grain	4.7 5.6	1.046 1.052	1.010	6.3 31 34.0 19		0.68		.0 19.7 .0 18.1	9.9 0.6	1.1 0.0	0.00 0 0.00 1	62	13	12 20	23 59	99 30	110 17	4.30 0.51	122.00 89.00	
	BA Munich Dunkel	Chris Colby - Munich Dunkel	Chris Colby	All Grain	6.2	1.052	1.009	32.5 15		0.30		.0 15.3		0.0	0.00 6		4	50	100	25	67	0.25	125.00	
	BA Munich Dunkel BA Munich Dunkel	Greg Hughes - Munich Dunkel Mean Brews - Munich Dunkel	Greg Hughes Mean Brews	All Grain All Grain	5.6 5.5	1.052 1.055	1.009 1.013	37.5 27 32.5 24		0.56 0.43		.0 26.9 .0 19.9	0.5	0.0	0.00 2 0.00 0		4 3	50 20	100 59	25 30	68 17	0.25 0.51	125.00 89.00	
Saved 08/	BA Munich Dunkel	Munich Dunkel (20231205)	Cheshire Cat@homebrewinguk.com	All Grain	5.6	1.051	1.008	34.5 27	0.53	0.57	0.0	.0 21.3	5.9	0.0	0.00 2	40	4	50	100	25	68	0.25	125.00	
	BA Munich Dunkel BB Schwarzbier	Randy Mosher - Munich Dunkel Blackheart Schwarzbier	Randy Mosher Pig Den Brewing	All Grain All Grain	5.3	1.052	1.012	33.5 23 39.0 29		0.44		.0 22.7	10.6	0.0	0.00 0	40	4	50	100	25	68	0.25	125.00	
Saved 09/	PA Doppelbock	Alec's Doppelbock	Alec Mull (Kalamazoo Brewing) / Brew Your Own	All Grain	8.7	1.082	1.016	40.5 16	0.2	0.21	0.0	.0 16.3	0.0	0.0	0.00 0		7	50	75	50	67	0.67	125.00	
	PA Doppelbock PA Doppelbock	Dan's Doppelbock Juniper Rye Bock	Dan Carey (New Glarus) / Brew Your Own Clibit@homebrewinguk.com	All Grain All Grain	7.1 8.1	1.074 1.082	1.020 1.020	25.0 22 24.5 23		0.29		.0 22.0		0.0	0.00 2	32	4	6	75 72	50 44	67 17	0.67	125.00 116.00	
	PA Doppelbock PA Doppelbock	Polderbok (2010) Predator	't Wort Wat	All Grain All Grain	8.5 8.0	1.085 1.080	1.020 1.019	57.5 29 37.0 21		0.34 0.26		.0 26.7 4.2 6.4		0.0	0.00 4 0.00 0	32	7	50 50	75 75	50 50	68 67	0.67 0.67	125.00 125.00	
Saved 09/	PA Doppelbock	Springfield Brewing Co Aviator Doppelbock	Springfield Brewing Co. / Brew Your Own	All Grain	7.4	1.075	1.019	40.0 16		0.21		.0 16.3	0.0	0.0	0.00 0	32	7	50	75	50	67	0.67	125.00	
	PA Doppelbock K5 New Zealand Pilsner	Vlieteren Bier - Oaked Doppelbock Mad Bat NZ pseudo-lager	Vlieteren Bier An Ankou@homebrewinguk.com	All Grain All Grain	9.7 4.9	1.090	1.016 1.011	40.0 20 13.6 51		0.24 1.06		.0 20.4 .0 28.1		0.0 3.2	0.00 0 0.00 4	21	14 15	50 75	75 132	50 200	67 94	0.67 1.52	125.00 332.00	
Saved 0X	(5 New Zealand Pilsner	New Zealand Pale Ale (20231109)	Cheshire Cat@homebrewinguk.com	All Grain	4.6	1.047	1.012	18.1 42	0.90	0.87	0.0	.0 33.2	8.8	0.0	0.00 1	44	6	20	60	60	35	1.00	120.00	
	K5 New Zealand Pilsner K5 New Zealand Pilsner	Noname (20210414) NZ Lager (20220828)	Womble@homebrewinguk.com Beercat@homebrewinguk.com	All Grain All Grain	5.1 3.7	1.052	1.013	7.1 22 5.9 13		0.40		.0 13.2 1.3 0.0	7.0	1.5	4.27 3 0.00 5	100	15	75	131	200	94	1.53	331.00	
Saved 0X	K5 New Zealand Pilsner	NZ Pilsner	Clibit@homebrewinguk.com	All Grain	3.7	1.041	1.013	7.7 11	0.26	0.24	0.0	.0 0.0	0.0	10.8	0.00 5	21	4	38	75	25	20	0.33	100.00	
	K5 New Zealand Pilsner K5 New Zealand Pilsner	Rooibos Lager Steinlager (clone)	Kold Brygg@homebrewinguk.com Tigermoth@homebrewinguk.com	All Grain All Grain	4.9 4.9	1.047 1.047	1.010 1.010	7.7 36 9.7 42		0.78		.0 20.1		16.3 2.6	0.00 0		6	20	60	60	35 35	1.00	120.00 120.00	
Saved 10	DA Weissbier	AnOtter Buckweissbier	The Thirsty Otter	All Grain	5.0	1.044	1.006	9.1 12	0.26	0.28	0.0	.0 11.5	0.0	0.0	0.00 1	17	4	33	50	25	40	0.50	75.00	
Saved 10/	OA Weissbier	AnOtter Hefeweissbier Erdinger - Weissbier (clone)	The Thirsty Otter Jon Finch / The Malt Miller	All Grain All Grain	5.1 5.4	1.046 1.048	1.012 1.007	6.9 13 8.5 13		0.26		.0 7.2	0.0	0.0	0.00 0	17	4	33	50	25	40	0.50	75.00	
	DA Weissbier	Erdinger (clone)	Cheshire Cat@homebrewinguk.com	All Grain	5.5	1.046	1.004	7.3 15	0.32	0.37	0.0	.0 12.6	2.2	0.0	0.00 3	17	4	34	50	25	40	0.50	75.00 75.00	
Saved 10/	DA Weissbier DA Weissbier	Erdinger (clone) v2 Fat Head's - Goggle Fogger	Cheshire Cat@homebrewinguk.com Matt Cole / beerandbrewing.com	All Grain All Grain	5.1 5.8	1.053 1.052	1.014	8.1 16 12.4 12	0.23	0.29		.0 12.3 .0 6.1	6.0		0.00 1 0.00 2		7	34 4	50 47	25 52	40 18	0.50 1.11	75.00 99.00	
	DA Weissbier DA Weissbier	Gravey's Brewery - Weissbier Ich Weiss Es Nicht	Gravey's Brewery The Thirsty Otter	All Grain All Grain	4.5 5.1	1.044 1.041	1.010	5.7 11 6.5 12	0.25	0.25 0.30	0.0	.0 11.1		0.0	0.00 0 0.00 1	17	4	33	50	25	40	0.50	75.00	
Saved 10/	OA Weissbier	Ich Weiss Es Nicht v2	The Thirsty Otter	All Grain	5.1	1.041	1.005	6.5 12	0.27	0.30	0.0	.0 0.0	6.2	5.5	0.00 1	. 17	4	33	50	25	40	0.50	75.00	
	DA Weissbier DA Weissbier	Lille Holmgård Håndbryg - Jønnes Favorit (clone) Perlenbacher - Hefeweissbier (clone)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	5.5 5.1	1.049 1.051	1.007 1.012	8.9 11 6.7 15		0.25		.0 10.7 .0 7.8	6.7	0.5	0.00 1 0.00 0	40	7	4	47	52	19	1.11	99.00	
Saved 10/	OA Weissbier	Schneider & Sohn - Weissbier	Pete@homebrewinguk.com	All Grain	5.1	1.051	1.012	6.9 16	0.31	0.31	0.0	.0 15.7	0.0	0.0	0.00 0		4	33	50	25	40	0.50	75.00	
	DA Weissbier DA Weissbier	Vlieteren Bier - Weizen Weiss!	Vlieteren Bier Tigermoth@homebrewinguk.com	All Grain All Grain	5.4 4.7	1.052 1.049	1.011 1.013	9.3 15 8.5 6		0.29 0.11		.0 5.8 .0 5.5		0.0	0.00 0 0.00 3	17 17	4	34 34	50 50	25 25	41 40	0.50 0.50	75.00 75.00	
Saved 108	OB Dunkles Weissbier	AnOtter Dunkles Weissbier	The Thirsty Otter	All Grain	5.1	1.053	1.014	36.0 12	0.23	0.22	0.0	.0 9.1	3.0	0.0	0.00 0	58	12	50	100	100	68	1.00	200.00	
	OB Dunkles Weissbier OB Dunkles Weissbier	Schuimkop Texelse Bierbrouwerij - Skuumkoppe (clone)	Brouwhuis HOOG The Thirsty Otter	All Grain All Grain	5.6 5.1	1.055 1.053	1.012 1.014	24.0 17 41.0 15		0.30		.0 14.7 .0 15.4	1.9 0.0	0.0	0.00 1 0.00 0	59	12 12	50 50	100 100	100 100	67 68	1.00	200.00 200.00	
Saved 100	OC Weizenbock	Mean Brews - Dark Weizenbock	Mean Brews	All Grain	7.6	1.076	1.018	40.5 23	0.30	0.30	0.0	.0 17.6	5.4	0.0	0.00 0	48	11	20	59	90	36	1.53	149.00	
	IA Ordinary Bitter IA Ordinary Bitter	Abingdon Original Acorn Brewery - Barnsley Bitter (clone)	EspeciallyBitter@homebrewinguk.com An Ankou@homebrewinguk.com	All Grain All Grain	3.9 3.4	1.038	1.008	13.4 42 22.0 39		1.12 0.98		1.8 26.6 1.4 0.0		0.7	9.00 5 0.00 2	55	15	45	75	150	40	2.00	225.00	
Brewed 30 11/	IA Ordinary Bitter	AnOtter Bodged Bitter	The Thirsty Otter	All Grain	4.1	1.036	1.007	13.4 31	0.82	0.86	0.0	.0 17.5	12.1	1.3	0.00 2	55	15	46	75	150	40	2.00	225.00	2.05
		AnOtter Bodged Bitter v2 AnOtter Bodged Bitter v3	The Thirsty Otter The Thirsty Otter	All Grain All Grain		1.036 1.036	1.007 1.007	13.4 31 13.4 27		0.86 0.75		.0 17.5 .0 16.6			0.00 2 0.00 2	55	15 15	46 46	75 75	150 150	40	2.00	225.00 225.00	2.41
Saved 11/	IA Ordinary Bitter IA Ordinary Bitter	AnOtter Ordinary Bitter Banks's - Amber Bitter (clone)	The Thirsty Otter Geoffrey Shread	All Grain All Grain	3.5 3.4	1.035 1.035	1.009	13.6 28	0.76	0.74	0.0	.0 26.6 .0 17.9	0.0	1.1	0.00 1 0.00 0	. 55	15	45	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter	Banks's - Amber Bitter (clone) v1	Geoffrey Shread	All Grain	3.4	1.035	1.009	17.1 26	0.73	0.71 0.71	0.0	.0 17.9	7.9	0.0	0.00 0									
	IA Ordinary Bitter IA Ordinary Bitter	Banks's - Amber Bitter (clone) v2 Banks's Amber Bitter Oslo (tweaked)	Geoffrey Shread Geoffrey Shread	All Grain All Grain	3.4 4.1	1.035 1.036	1.009	17.1 28 18.5 31		10.40 0.94		.0 17.9 .0 19.2	10.4 11.8		0.00 0 0.00 2									
Saved 11/	IA Ordinary Bitter	Boddingtons (1971)	Geoffrey Shread	All Grain	3.9	1.036	1.006	7.7 28	0.80	0.85	0.0	.0 28.4	0.0	0.0	1.92 3									
	IA Ordinary Bitter IA Ordinary Bitter	Boddingtons Bitter (clone) Boddingtons Bitter 1971 Barrel	The Malt Miller / nic-firth Woodbox@homebrewinguk.com	Partial Mash All Grain	3.4	1.035	1.009	13.0 32 12.8 49		0.88		.0 27.6			0.00 1 0.00 5	55	15	45	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter	Boddingtons IPA (1987)	Ronald Pattinson	All Grain	3.4	1.035	1.009	6.9 22	0.62	0.60	0.0	.0 16.5	5.5	0.0	0.00 4		15	45	,,,	150	40	2.00	223.00	
	IA Ordinary Bitter IA Ordinary Bitter	Bodds (20230219)	Clibit@homebrewinguk.com	Partial Mash All Grain	3.5 3.4	1.031	1.004	13.8 42 11.0 37		1.48		.0 38.4	3.1 0.0	0.0	0.00 5 0.59 4	55	15	45	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter	Bodge Bitter (20230121)	Clibit@homebrewinguk.com	All Grain	3.3	1.034	1.009	15.4 34	1.02	0.98	0.0	.0 0.0	33.5	1.2	0.00 2	55	15	45	75	150	40	2.00	225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Bodged Noddington's Bodgington Bitter v1	Womble@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	3.7	1.033	1.005	6.5 27 11.2 35		0.86 1.14		.0 22.3 .0 29.0			0.00 2 0.00 5		15 15	45 46	75 75	150 150	40 40	2.00	225.00 225.00	
Saved 11/	IA Ordinary Bitter	Bodgington Bitter v2	EspeciallyBitter@homebrewinguk.com	All Grain			1.002	7.9 48		1.59	0.0	.0 35.6					15	46	75	150	40	2.00	225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Bodgington Bitter v3 Brew York - Maris The Otter (clone)	EspeciallyBitter@homebrewinguk.com The Thirsty Otter	All Grain All Grain	3.8	1.033 1.036	1.004	10.6 36 19.1 35		1.20 0.94		.0 32.8			0.00 5 0.00 0		15	45	75	150	40	2.00	225.00	
	IA Ordinary Bitter	Brown and Bitter - Ordinary Bitter	Brown and Bitter	All Grain			1.011	7.7 41	1.03	0.98	0.0	.0 41.2												
Saved 11/	IA Ordinary Bitter	Chris Colby – Ordinary Bitter Clib Ordinary Bitter	Chris Colby Clibit@homebrewinguk.com	All Grain All Grain	3.7 4.1	1.038	1.010 1.006	24.5 29 16.9 35		0.72 1.00	0.0	.0 12.2 .0 32.5			0.00 0 0.00 3	55	15	45	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter	Colby Bitter (variation) v4	GHW@homebrewinguk.com	All Grain	3.5	1.036	1.009	16.4 29	0.8	0.78	0.0	.0 20.5	7.7	0.6	0.00 0	60	15	40	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter IA Ordinary Bitter	English Pale/Golden/Bitter First Gold Bitter	Clibit@homebrewinguk.com Geoffrey Shread@homebrewinguk.com	All Grain All Grain	3.4 3.7	1.032	1.006 1.009	12.4 21 23.5 32	0.86	0.69	0.0	.0 9.4	27.8	3.9	0.00 5 0.00 0		15 15	46 45	75 75	150 150	40 40	2.00	225.00 225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Gravey's Brewery - London Bitter Janus Bitter	Gravey's Brewery / Greg Hughes Clibit@homebrewinguk.com	All Grain All Grain	3.8 2.9		1.010 1.008	17.5 30 13.4 33	0.78	0.76 1.06	0.0	.0 30.0			0.00 0 0.00 4		15	45	75		40		225.00	
Saved 11/	IA Ordinary Bitter	Jennings Brewery - Jennings Bitter (clone)	Clibit@homebrewinguk.com	All Grain	3.4	1.035	1.009	27.0 26	0.75	0.73	0.0	.0 21.5	4.8	0.0	0.00 0	55	15 15	45	75	150 150	40 40	2.00	225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Leg of Ordinary Biters Maris The Thirsty Otter	Chris Colby The Thirsty Otter	All Grain All Grain	3.7 3.7	1.039 1.036	1.011 1.009	23.0 28 17.7 33		0.68		.0 14.2 .0 0.0					15 15	45 45	75 75	150 150	40 40	2.00 2.00	225.00 225.00	
Saved 11/	IA Ordinary Bitter	Muntingtons	Geoffrey Shread	All Grain	3.5	1.031	1.004	10.8 28	0.88	0.97	0.0	.0 24.8	0.0	2.8	0.00 2	55	15	45	75	150	40	2.00	225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Nonsuch Ale Off Work (20240327)	hichaechoc@homebrewinguk.com Ceejaydubja69@homebrewinguk.com	All Grain All Grain	3.8 3.7	1.038 1.036	1.009	18.1 41 14.4 32		1.07 0.90		.0 35.5 .0 27.0					15	46	75	150	40	2.00	225.00	
Saved 11/	IA Ordinary Bitter	Old Boddies Pre-1970	Tony Leach	All Grain	3.7	1.035	1.007	6.1 33	0.93	0.96	0.0	.0 24.8	8.1	0.0	1.08 0									
		Ordinary bitter Challenger & First Gold Ordinary bitter Challenger & First Gold v2	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	3.7 3.4	1.036 1.036	1.008	7.9 18 13.0 31		0.51 0.81		.0 7.9 .0 16.5			0.00 4 0.00 1		15 15	46 45	75 75	150 150	40 40	2.00	225.00 225.00	
Saved 11/	IA Ordinary Bitter	Ordinary bitter Challenger & First Gold v3	Clibit@homebrewinguk.com	All Grain	3.8	1.038	1.007	13.0 31	0.85	0.88	0.0	.0 16.5	0.0	14.0	0.00 1	. 55	15	45	75	150	40	2.00	225.00	
	IA Ordinary Bitter IA Ordinary Bitter	Ragondingue - Parabellum Robert's NotBoddies	Ragondingue Craft Beer Robert@homebrewinguk.com	All Grain All Grain		1.035 1.031	1.008	23.0 30 11.6 34		0.85 1.27		.0 22.8			0.00 0 0.68 4		15 15	45 45	75 75	150 150	40 40	2.00	225.00 225.00	
Saved 11/	IA Ordinary Bitter IA Ordinary Bitter	Russell AK 1911 Session Bitter	Magnus Keijser The Malt Miller	All Grain All Grain	5.0	1.046	1.008 1.010	8.5 27	0.59	0.62	0.0	.0 26.7	0.0	0.0	5.88 5	55	15	45	75	150	40	2.00	225.00 225.00	
		Session Bitter Shufties off to Manwardrobe (20210307)	The Malt Miller Andymoz-70@homebrewinguk.com	All Grain All Grain	3.4 3.5	1.036 1.038	1.010	29.5 29 18.7 30		0.77		.0 25.9 .0 20.5			0.00 1 0.00 0		15 15	46 45	75 75	150 150	40 40	2.00	225.00 225.00	
Saved 118	IB Best Bitter IB Best Bitter	Adnams - AK (1878) Badger - Fursty Ferret (clone)	Ronald Pattinson Clibit@homebrewinguk.com	All Grain All Grain	5.5 4.3	1.044 1.043	1.002 1.010	12.4 50 17.5 27	1.14	1.35 0.62	0.0	.0 50.1	0.0	0.0			15	50	75	200	67		275.00	
Saved 118	1B Best Bitter	Beartown - Bearskinful (clone)	Sam Hesford	All Grain	4.2	1.044	1.012	16.5 35	0.78	0.74	0.0	.0 32.1	2.8	0.0	7.90 0		15	30	/3	200	0/	2.67	2/3.00	
	IB Best Bitter IB Best Bitter	Best Bitter Best Bitter (20230623)	Chris Colby Galena@homebrewinguk.com	All Grain All Grain	4.5 4.1	1.046 1.045	1.008	25.0 39 16.2 32		0.80	0.0	.0 19.3 .0 19.9	17.4	1.8			13	19	98	200	17	2.04	298.00	
Saved 118	1B Best Bitter	Bitter	David Lines / John Barleycorn@homebrewinguk.com	All Grain	4.2	1.040	1.008	13.0 22	0.54	0.56	0.0	.0 3.3	18.3	0.0	0.00 4									
	IB Best Bitter IB Best Bitter	Bitter (20230311) Bitterexit	Ceejaydubya69@homebrewinguk.com Michael Woolthuis	All Grain All Grain	3.9 4.5	1.040 1.047	1.010	14.8 32 15.0 40		0.78 0.82		.0 23.4			0.00 1 0.00 2		15 15	50 46	75 75	150 150	68 40	2.00	225.00 225.00	
Saved 118	1B Best Bitter	Black Sheep Ale (clone)	clibit@homebrewinguk.com	All Grain	4.2	1.044	1.012	29.0 33	0.75	0.72	0.0	.0 27.6	5.6	0.0	0.00 0	60	15 15	50	75	150	68		225.00	
	1B Best Bitter 1B Best Bitter	Blackberry Bitter Bletchley's Best Bitter	Mike Todd / Josh Weikert Chris Colby	All Grain Partial Mash	4.3 4.5	1.044 1.046	1.011 1.012	15.0 33 17.7 36		0.72 0.75		.0 20.7 .0 28.3	11.8 6.5		0.00 0 0.00 0									
Saved 118	1B Best Bitter	Boddington IP (1941)	Ronald Pattinson	Partial Mash	4.3	1.041	1.008	9.5 31	0.76	0.79	0.0	.0 30.8	0.0	0.0	1.92 1									
Saved 118	1B Best Bitter 1B Best Bitter	Boddington IP (1977) Bodged Bitter	Ronald Pattinson clibit@homebrewinguk.com	Partial Mash All Grain	4.1 3.9	1.035 1.038	1.004 1.008	10.2 20 17.5 32		0.66		.0 20.4 .0 32.0					15	45	74	148	40	2.00	222.00	
		Rolo	Lambert-Beer	All Grain	4.1	1.041	1.010	17.1 32	0.78	0.77	0.0 1	7.5 12.5	0.0	2.3	0.00 0									
Saved 118 Saved 118	1B Best Bitter	5676					4 000	00.5		0.54	00 1 7	0 1 10 1		0.0	2.80 3	_						T		
Saved 118 Saved 118 Saved 118	IB Best Bitter IB Best Bitter IB Best Bitter	Bristol Grin Best Bitter v1 Bristol Grin Best Bitter v2	EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	4.3 4.6	1.041	1.008	22.5 21 25.0 30				.0 18.4												
Saved 116 Saved 116 Saved 116 Saved 116 Saved 116 Saved 116	1B Best Bitter	Bristol Grin Best Bitter v1		All Grain All Grain All Grain All Grain	4.3 4.6 4.1 4.3	1.041 1.043 1.042 1.043	1.008 1.008 1.011 1.010	25.0 30 14.0 36 14.0 31	0.69	0.72 0.83 0.71	0.0	.0 26.7 .0 32.0 .0 27.7	3.0 4.3	0.0	5.56 0 0.00 1	. 55	15 15	45 50	75 75	150 200	40 67	2.00	225.00 275.00	

Start Style Name Author Type ABV OG FG BEC 10U BUVOU BBB March FWH Rettle Lafe Aroma DH BUFF DESSAME 11B Best Bitter Cilb Ord Bitter Cilb California Cilb Californ	MS Ca Mg Na Cl SO4 HCO3 SO4/Cl SO4/Cl </th
118 Best Bilter	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 12 15 50 75 59 40 0.79 134.4 55 15 46 75 150 40 2.00 225.0
118 Best Bitter Cooling Stage - Coffee Best Eitter Cooling Stage - Coffee Best	60 15 50 75 150 67 2.00 225.0 55 15 45 75 150 40 2.00 225.0 113 16 19 21 312 39 14.86 333.3 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0 <tr< td=""></tr<>
118 Best Bitter Courage Best Bitter (Jone) v2 The Malt Miller / nic-firth Partial Mash 4.1 1.039 1.008 25.0 27 0.70 0.72 0.0 0.0 25.8 1.8 0.0 0.00 1	55 15 45 75 150 40 2.00 225.0 113 16 19 21 312 39 14.86 333.3 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 12 15 50 75 59 40 2.07 234.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0
24 11B Best Bitter	55 15 45 75 150 40 2.00 225.0 113 16 19 21 312 39 14.86 333.3 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 12 15 50 75 59 40 2.07 234.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0
118 Best Bitter	55 15 45 75 150 40 2.00 225.0 113 16 19 21 312 39 14.86 333.3 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 12 15 50 75 59 40 2.07 234.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0
118 Best Bitter Five Points Feest (clone) Cheshire Cat@homebrewinguk.com All Grain 3.9 1.040 1.010 15.6 36 0.90 0.88 0.0 0.0 21.5 8.3 5.9 0.00 1	55 15 45 75 150 40 2.00 225.1 55 15 45 75 150 40 2.00 225.1 55 15 45 75 150 40 2.00 225.1 12 15 50 75 59 40 0.79 134.4 55 15 46 75 150 40 2.00 225.1 55 15 45 75 150 40 2.00 225.1 60 15 50 75 150 67 2.00 225.6 60 15 50 75 150 67 2.00 225.0
118 Best Bitter Five Points Brewing - Best Fuggles (clone) The Malt Miller All Grain 4.2 1.043 1.011 15.6 29 0.66 0.64 0.0 0.0 16.6 7.0 5.0 0.00 0 118 Best Bitter Five Points Brewing - Best Fuggles (clone) / The Thirsty Otter All Grain 4.2 1.043 1.011 15.2 29 0.67 0.65 0.0 0.0 19.3 6.6 3.4 0.00 1 118 Best Bitter Five Points Brewing - Best Fuggles (clone) / The Thirsty Otter All Grain 4.5 1.044 1.010 15.2 29 0.67 0.65 0.0 0.0 19.3 6.6 3.4 0.00 1 118 Best Bitter Five Points Brewing - Best Fuggles (clone) The Thirsty Otter All Grain 4.6 1.046 1.011 1.67 32 0.70 0.69 0.0 0.0 18.2 10.6 3.6 0.00 0 1 118 Best Bitter Five Points Brewing - Best Fuggles (clone) The Thirsty Otter All Grain 4.6 1.046 1.011 1.67 32 0.70 0.69 0.0 0.0 18.2 10.6 3.6 0.00 0 1 118 Best Bitter Five Points Brewing - Best Fuggles (clone) The Thirsty Otter All Grain 3.8 1.046 1.011 1.67 32 0.70 0.69 0.0 0.0 17.7 14.7 0.0 5.45 3 118 Best Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Fremlins Bitter Five Points Brewing - Best Fuggles (clone) Five Points Brewing - Brewing - Brewing - Brewing - Brewing - Brewing - Brewing	55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 12 15 50 75 59 40 0.79 134.1 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0
11B Best Bitter Five Points Brewing - Best Fuggles (clone) v3 The Thirsty Otter All Grain 4.5 1.044 1.010 15.2 29 0.67 0.67 0.0 0.0 19.3 6.6 3.4 0.00 1 1 11B Best Bitter Five Points Brewing - Best Fuggles (clone) The Thirsty Otter All Grain 4.6 1.046 1.011 16.7 32 0.70 0.69 0.0 0.0 18.2 10.6 3.6 0.00 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 15 50 75 59 40 0.79 134.0 55 15 46 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0
118 Best Bitter Five Points Brewing- Best Coldings (clone) The Thirsty Otter All Grain 3.6 1.046 1.011 16.7 32 0.70 0.69 0.0 0.0 18.2 10.6 3.6 0.00 0	55 15 45 75 150 40 2.00 225.0 60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0
118 Best Bitter Fuggle Green Hop Miðgarð Brewhouse (Cawood, North Yorkshire, UK) Ali Grain 3.8 1.040 1.011 30.0 34 0.85 0.81 0.0 0.0 13.0 19.5 1.4 0.00 0 118 Best Bitter Fuggles Best Bitter (20220922) rats_eyes@homebrewinguk.com Ali Grain 4.5 1.045 1.011 18.7 28 0.62 0.61 0.0 0.0 1.0 1.0 1.0 0.0 0.0 118 Best Bitter Fuller's Brewery - London Pride (clone) nic-firth / The Malt Miller Extract 3.9 1.041 1.011 16.4 33 0.79 0.76 0.0 0.0 0.0 1.0 1.1 1.0 0.0 0.0 118 Best Bitter Fuller's Brewery - London Pride (clone) v2 The Thirsty Otter Ali Grain 4.3 1.044 1.011 23.0 30 0.67 0.65 0.0 0.0 19.2 10.2 0.0 0.00 0.0 118 Best Bitter Harvey's - Sussex Bitter (clone) The Malt Miller Ali Grain 4.5 1.045 1.011 15.0 32 0.71 0.7 0.0 0.0 31.6 1.9 118 Best Bitter Home Ali Silter Hobgoblin Ruby Red Ale (clone) The Malt Miller Ali Grain 4.5 1.046 1.012 30.0 38 0.82 0.79 0.0 0.0 0.0 15.2 22.4 0.0 0.00 0.0 118 Best Bitter Home Ale's Bitter Home Ale's Bitter Home Ale's Bitter Home Ale's Bitter David Edgeley Ali Grain 4.3 1.044 1.011 12.6 40 0.90 0.88 0.0 0.0 3.66 0.0 3.4 0.00 1.0 118 Best Bitter Home Ale's Bitter Home A	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0
118 Best Bitter Fuller's Brewery - London Pride (clone) nic-firth / The Malt Miller Extract 3.9 1.041 1.011 16.4 33 0.79 0.76 0.0 0.0 30.1 2.5 0.0 0.00 0 118 Best Bitter Fuller's Brewery - London Pride (clone) v2 The Thirsty Otter All Grain 4.3 1.044 1.011 23.0 30 0.67 0.65 0.0 0.0 19.2 10.2 0.0 0.00 0 118 Best Bitter Harvey's - Sussex Bet Bitter (clone) The Malt Miller All Grain 4.1 1.041 1.010 15.8 35 0.85 0.84 0.0 0.0 19.2 10.2 0.0 0.00 0 118 Best Bitter Harvey's - Sussex Bitter (clone) Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 15.0 32 0.71 0.7 0.0 0.0 21.4 8.6 1.9 0.00 1 118 Best Bitter Hobgoblin Ruby Red Ale (clone) The Malt Miller All Grain 4.5 1.046 1.012 30.0 38 0.82 0.79 0.0 0.0 15.2 22.4 0.0 0.00 0 118 Best Bitter Home Ale's Bitt	
11B Best Bilter Fuller's Brewery - London Pride (clone) v2 The Thirsty Otter All Grain 4.3 1.044 1.011 23.0 30 0.67 0.65 0.0 0.0 19.2 10.2 0.0 0.00 0 11B Best Bilter Harvey's - Sussex Best Bitter (clone) The Malt Miller All Grain 4.1 1.041 1.010 115.8 35 0.85 0.84 0.0 0.0 31.6 0.0 3.0 0.0 0 11B Best Bilter Harvey's - Sussex Best Bitter (clone) Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 15.0 32 0.71 0.7 0.0 0.0 21.4 8.6 1.9 11B Best Bilter Hobgoblin Ruby Red Ale (clone) The Malt Miller All Grain 4.5 1.046 1.012 30.0 38 0.82 0.79 0.0 0.0 15.2 22.4 0.0 0.00 0 11B Best Bilter Horne Ale's Bilter David Edgeley All Grain 4.2 1.04 1.011 12.6 40 0.90 0.88 0.0 0.0 3.6 0.0 0.0 1 11B Best Bilter It's Grim Up North Geoffrey Shread All Grain 4.3 1.	60 15 50 75 150 67 200 255
11B Best Bilter Harvey's - Sussex Bilter (clone) Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 15.0 32 0.71 0.7 0.0 0.0 21.4 8.6 1.9 0.00 1 11B Best Bilter Hobgoblin Ruby Red Ale (clone) The Malt Miller All Grain 4.5 1.046 1.011 15.0 32 0.71 0.7 0.0 0.0 21.4 8.6 1.9 0.00 1 11B Best Bilter Home Ale's Bilter Home Ale's Bilter David Edgeley All Grain 4.2 1.043 1.011 16.0 33 0.75 0.73 0.0 0.0 15.3 5.5 1.9 0.00 0 11B Best Bilter It's Grim Up North Geoffrey Shread All Grain 4.3 1.044 1.011 12.6 40 0.90 0.8 0.0 0.0 3.6 0.0 3.4 0.00 1	60 15 50 75 150 67 200 2250
11B Best Bitter Hobgoblin Ruby Red Ale (clone) The Malt Miller All Grain 4.5 1.046 1.012 30.0 38 0.82 0.79 0.0 0.0 15.2 22.4 0.0 0.0 0 11B Best Bitter Home Ale's Bitter David Edgeley All Grain 4.2 1.043 1.011 16.0 33 0.75 0.73 0.0 0.0 25.3 5.5 1.9 0.00 0 11B Best Bitter It's Grim Up North Geoffrey Shread All Grain 4.3 1.044 1.011 12.6 40 0.90 0.88 0.0 0.0 3.6 0.0 3.4 0.00 1	
11B Best Bitter It's Grim Up North Geoffrey Shread All Grain 4.3 1.04 1.011 12.6 40 0.90 0.88 0.0 0.0 3.6 0.0 3.4 0.00 1	60 15 50 75 150 67 2.00 225.0
11D Deet Differ	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 225.0 60 15 50 75 150 67 2.00 225.0 67 2.00 225.0 6
11B Best Bitter Jail Ale (clone) Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 18.1 41 0.90 0.88 0.0 27.2 0.0 9.1 4.3 0.00 1 11B Best Bitter Jail Ale (clone) v2 Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 20.0 49 1.08 1.06 0.0 0.0 41.9 6.9 0.0 0.00 3	60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 68 2.00 225.0
11B Best Bitter Jennings Brewery - Cocker Hoop (clone) Clibit@homebrewinguk.com All Grain 4.2 1.042 1.010 19.5 35 0.83 0.82 0.0 0.0 0.0 32.3 2.3 0.3 0.00 0	60 15 50 75 150 67 2.00 225.0
11B Best Bitter Kew Brewery - Botanic (clone) The Malt Miller All Grain 4.2 1.041 1.009 13.6 21 0.51 0.0 8.4 0.0 7.0 5.5 5.75 4 11B Best Bitter Loose Cannon Brewery - Abingdon Bridge (clone) EspeciallyBitter@homebrewinguk.com All Grain 3.9 1.038 1.008 14.6 28 0.73 0.74 0.0 6.4 13.5 3.3 0.0 2.08 2	81 15 50 75 200 68 2.67 275.0
11B Best Bitter Miraculix Best Miraculix (Phomebrewtalk.com All Grain 4.5 1.041 1.007 12.4 29 0.70 0.74 0.0 0.0 19.7 7.3 1.5 0.00 2	55 15 46 75 150 40 2.00 225.0
11B Best Bitter Miraculix Easy AK Miraculix@homebrewtalk.com All Grain 4.6 1.043 1.008 16.2 22 0.51 0.53 0.0 0.0 22.2 0.0	56 15 47 76 152 42 2.00 228.0 81 15 50 75 200 67 2.67 275.0
11B Best Bitter Nonsuch Ale v2 Clibit@homebrewinguk.com All Grain 4.6 1.042 1.007 34.0 37 0.89 0.95 0.0 0.0 0.0 24.5 9.0 3.8 0.00 3	60 15 50 75 151 68 2.01 226.0
11B Best Bitter November Spawned a Bitter Clibit@homebrewinguk.com All Grain 4.3 1.041 1.008 16.5 51 1.22 1.26 0.0 0.0 4.5 0.0 5.4 2.86 3 11B Best Bitter Old Hooky Bitter (clone) Cheshire Cat@homebrewinguk.com All Grain 4.5 1.045 1.011 26.0 34 0.74 0.73 0.0 0.0 22.8 8.4 2.4 0.00 0	63 15 26 75 126 42 1.68 201.0
11B Best Bitter Otter Ale Cheshire Cat@homebrewinguk.com All Grain 4.1 1.041 1.010 26.0 39 0.95 0.94 0.0 0.0 28.2 7.4 3.1 0.00 2 11B Best Bitter Parched Polecat jian-downham / The Malt Miller All Grain 4.2 1.043 1.011 21.0 26 0.61 0.59 0.0 0.0 7.0 19.3 0.0 0.00 0	60 15 50 75 150 67 2.00 225.0
11B Best Bitter Pilgrims Progress Bitter GHW@homebrewinguk.com All Grain 4.2 1.042 1.010 19.5 39 0.93 0.92 0.0 0.0 19.5 19.9 0.0 0.0 2	60 15 50 75 150 68 2.00 225.0
11B Best Bitter Pintsize Bitter Clibit@homebrewinguk.com All Grain 3.9 1.040 1.010 13.8 29 0.72 0.7 0.0 0.0 22.8 0.0 6.1 0.00 1 11B Best Bitter Ragondingue -#011-Bulldog Ragondingue Craft Beer All Grain 4.3 1.044 1.011 16.5 29 0.66 0.66 0.0 0.0 21.2 7.7 0.0 0.00 0	81 15 50 75 200 67 2.67 275.0
11B Best Bitter Ragondingue - #035-Bulldog Ragondingue Craft Beer All Grain 4.1 1.041 1.010 30.5 27 0.66 0.65 0.0 0.0 17.7 9.2 0.0 0.00 0	55 15 45 75 150 40 2.00 225.0
11B Best Bitter Random Clib Bitter Clibit@homebrewinguk.com All Grain 3.9 1.036 1.006 10.2 53 1.46 1.55 0.0 0.0 52.4 0.0 0.6 0.00 6 11B Best Bitter Repeat Bitter Clibit@hombrewinguk.com All Grain 4.2 1.041 1.009 12.0 43 1.06 1.07 0.0 0.0 41.1 0.0 2.3 0.00 4	55 15 45 75 150 40 2.00 225.0 46 10 26 62 85 42 1.37 147.0
11B Best Bitter Sharp's - Doom Bar (clone) berttraylord All Grain 4.1 1.041 1.010 26.0 29 1.20 1.14 0.0 0.0 10.7 0.0 18.0 0.00 0 11B Best Bitter Sharp's - Doom Bar (clone) 2 Seymour All Grain 3.9 1.040 1.011 19.7 3.0 0.73 0.70 0.0 0.0 10.8 0.0 19.2 0.00 0	55 15 45 75 150 40 2.00 225.0
11B Best Bitter Sharp's - Doom Bar (clone) v2 Seymour All Grain 3.9 1.040 1.011 19.7 30 0.73 0.70 0.0 10.8 10.0 19.2 0.00 0 11B Best Bitter Shepherd Neame - Master Brew (clone) Brew Your Own British Ale At Home All Grain 4.2 1.041 1.009 16.9 25 0.59 0.60 0.0 0.0 20.4 4.2 0.0 0.00	55 15 45 75 150 40 2.00 225.0 55 15 45 75 150 40 2.00 225.0
11B Best Bitter Shepherd Neame - Spitfire Amber Kentish Ale (clone) Paul Hutson All Grain 4.6 1.045 1.010 23.0 35 0.77 0.07 0.0 0.0 28.9 5.0 1.1 1.98 0 11B Best Bitter Shepherd Neame - Spitfire Amber Kentish Ale (clone) v2 norman@jimbeerskit.co.uk All Grain 4.3 1.045 1.012 16.3 43 0.94 0.90 0.0 39.4 3.1 0.0 0.00 2	55 15 46 75 150 40 2.00 225.0 55 15 46 75 150 40 2.00 225.0
11B Best Bitter Sheriff Fatman - TT Landlord tribute Especially Bitter@homebrewinguk.com All Grain 4.3 1.045 1.012 20.0 36 0.8 0.77 0.0 0.0 21.6 10.8 3.8 0.00 0	60 15 50 75 150 68 2.00 225.0
11B Best Bitter Sheriff Fatman v1 EspeciallyBitter@homebrewinguk.com All Grain 4.3 1.045 1.012 20.0 40 0.88 0.85 0.0 0.0 25.3 10.6 4.2 0.00 0 11B Best Bitter Sheriff Fatman v2 EspeciallyBitter@homebrewinguk.com All Grain 4.3 1.045 1.012 20.0 42 0.91 0.87 0.0 0.0 26.9 10.8 3.8 0.00 1	60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 68 2.00 225.0
11B Best Bitter Single Malt Bitter John Barleycorn@homebrewinguk.com All Grain 4.3 1.039 1.006 10.6 32 0.81 0.87 0.0 0.0 0.0 26.8 4.9 0.0 0.00 3	81 15 50 75 200 68 2.67 275.0
11B Best Bitter Sitient Stoat v3 - Fursty Ferret (clone) EspeciallyBitter@homebrewinguk.com All Grain 4.7 1.044 1.008 16.9 32 0.72 0.75 0.0 0.0 23.8 8.0 0.0 0.00 1 11B Best Bitter Stroud Brewery - Teasel (clone) Jon Finch / The Malt Miller All Grain 4.9 1.049 1.012 17.3 32 0.65 0.64 0.0 0.0 17.6 9.1 5.2 36.96 1	60 15 50 75 150 68 2.00 225.0 81 15 50 75 200 67 2.67 275.0
11B Best Bitter Sussex Best Bitter (clone) Cheshire Cat@homebrewinguk.com All Grain 4.2 1.043 1.011 18.1 31 0.7 0.68 0.0 0.0 22.5 6.7 1.3 0.00 0 11B Best Bitter Sussex for AA David Edgeley All Grain 4.1 1.041 1.010 13.2 35 0.84 0.83 0.0 0.0 23.7 8.1 3.0 0.00 1	55 15 45 75 150 40 2.00 225.0 58 11 32 87 92 48 1.06 179.0
11B Best Bitter Teasel Best Bitter Jon Finch / The Malt Miller All Grain 4.7 1.048 1.012 15.0 29 0.61 0.60 0.0 0.0 18.3 7.6 3.2 2.64 2	60 15 50 75 150 67 2.00 225.0
11B Best Bitter Totally Befuggled Geoffrey Shread All Grain 4.2 1.042 1.008 26.5 31 0.75 0.78 0.0 0.0 25.8 5.6 0.0 0.00 0 11B Best Bitter Tricky Tree Bitter (euro 2020 edition) Alcoholx@homebrewinguk.com All Grain 4.2 1.042 1.010 27.0 34 0.82 0.81 0.0 0.0 34.4 0.0 0.0 0.00 0	90 15 44 75 200 81 2.67 275.0
11B Best Bitter	60 15 50 75 150 67 2.00 225.0
11B Best Bitter TT Golden Best (clone) andrewbooth070 / The Malt Miller All Grain 3.8 1.041 1.012 11.4 35 0.84 0.78 0.0 0.0 34.6 0.0 1.8 0.00 1	81 15 50 75 200 67 2.67 275.0 55 15 45 75 150 40 2.00 225.0
26 11B Best Bitter Two Pints and a Packet of Hops (Fuggle and Progress) The Thirsty Otter All Grain 4.2 1.042 1.012 13.0 28 0.64 0.61 0.0 0.0 18.9 6.2 3.1 1.79 1	55 15 45 75 15 40 0.20 90.0
11B Best Bitter Unnamed brew (20210211) GHW@homebrewinguk.com All Grain 4.2 1.043 1.011 19.7 21 0.48 0.49 0.0 0.0 12.7 8.4 0.0 0.00 3 11B Best Bitter Wells Bombardier (clone) Duck Cluck All Grain 5.1 1.045 1.006 31.0 29 0.65 0.71 0.0 23.6 0.0 5.2 0.0 0.00 2	60 15 50 75 150 67 2.00 225.0 55 15 45 75 150 40 2.00 225.0
11B Best Bitter West Yorkshire Best Bitter The Thirsty Otter All Grain 4.2 1.042 1.012 17.9 31 0.70 0.67 0.0 0.0 21.2 6.2 3.1 0.00 0 11B Best Bitter White Horse Brewery - Wayward Smithy v1 EspeciallyBitter@homebrewinguk.com All Grain 4.5 1.044 1.010 20.5 32 0.73 0.0 0.0 15.7 16.3 0.0 0.00 0	80 15 50 75 200 67 2.67 275.0 60 15 50 75 150 67 2.00 225.0
11B Best Bitter Wye Valley - Bitter Wye Valley - Bitter Cheshire Cat@homebrewinguk.com All Grain 4.2 1.042 1.010 20.0 37 0.88 0.87 0.0 0.0 25.8 9.0 2.2 0.00 0	63 15 26 75 126 43 1.68 201.0
11B Best Bitter xBmt-20200302 Immediate Burst Carb Jake Huolihan All Grain 4.5 1.046 1.012 12.8 44 0.97 0.94 0.0 0.0 40.6 3.8 0.0 0.00 4 11B Best Bitter Young's Special (2006) Ron Pattinson All Grain 4.2 1.046 1.014 8.7 22 0.49 0.45 0.0 0.0 22.3 0.0 0.0 5	89 2 8 55 149 17 2.71 204.0 60 15 50 75 150 67 2.00 225.0
11C Strong Bitter 6X (clone) tetsuo / The Malt Miller All Grain 5.3 1.055 1.015 21.5 23 0.42 0.40 0.0 0.0 18.0 4.7 0.0 0.0 0.0 3	
11C Strong Bitter Abbot Ale samrparker / The Malt Miller All Grain 4.7 1.044 1.008 20.0 40 0.89 0.93 0.0 0.0 0.8 0.00 2 11C Strong Bitter Admiral's Baggage ESB EspeciallyBitter@homebrewinguk.com All Grain 5.6 1.054 1.011 21.5 30 0.55 0.56 0.0 0.0 23.2 6.4 0.0 5.00 1	81 15 50 75 200 68 2.67 275.0
11C Strong Bitter Admiral's Courage ESB AdrianDBW@homebrewinguk.com All Grain 5.8 1.054 1.010 25.0 32 0.58 0.60 0.0 0.0 20.7 10.9 0.0 10.02 0 11C Strong Bitter Adnams - XXXXX (1951) Ronald Pattison All Grain 5.6 1.053 1.010 28.0 34 0.63 0.65 0.0 0.0 33.6 0.0 0.0 0.00 0	
11C Strong Bitter Barclay Perkins - KK (1924) Ronald Pattinson All Grain 6.0 1.057 1.011 24.0 38 0.66 0.68 0.0 0.0 37.7 0.0 0.0 1.44 0	
11C Strong Bitter Boddington's Bitter (1925) Boddington's Brewery All Grain 5.0 1.050 1.012 8.9 34 0.69 0.68 0.0 0.0 28.4 5.9 0.0 1.80 1 11C Strong Bitter Brexit ESB The Thirsty Otter All Grain 5.5 1.054 1.013 25.5 39 0.70 0.69 0.0 0.0 33.5 0.0 5.2 0.00 0	81 15 50 75 200 67 2.67 275.0
11C Strong Bitter Chevallier Chinook IPA Clibit@homebrewinguk.com All Grain 5.5 1.050 1.008 9.1 65 1.30 1.39 0.0 0.0 52.8 9.7 1.9 2.00 5	
11C Strong Bitter Clib's Clearout Keeping Ale Clibit@homebrewinguk.com All Grain 5.6 1.055 1.012 33.5 40 0.73 0.74 0.0 0.0 21.4 18.8 0.0 0.00 0 11C Strong Bitter DSB dtebbs / The Malt Miller All Grain 4.7 1.048 1.012 25.0 36 0.76 0.74 0.0 0.0 30.3 5.2 0.7 0.00 0	80 15 48 73 197 65 2.70 270.0 81 15 50 75 200 68 2.67 275.0
11C Strong Bitter Ernest 1275 Womble@homebrewinguk.com All Grain 4.5 1.046 1.012 11.0 24 0.53 0.51 0.0 0.0 23.1 1.0 0.0 0.00 6 11C Strong Bitter ESB Chris Colby All Grain 5.8 1.061 1.017 26.0 45 0.75 0.71 0.0 0.0 26.3 16.6 2.3 0.00 2	82 15 51 76 203 68 2.67 279.0
11C Strong Bitter ESB Bullion Pavel Palouš All Grain 5.0 1.057 1.019 14.2 42 0.73 0.65 0.0 4.8 28.5 5.7 2.9 0.00 2	
11C Strong Bitter Froach NorthernBrewster@homebrewinguk.com All Grain 5.1 1.048 1.009 27.0 27 0.57 0.59 0.0 0.0 23.7 3.7 0.0 0.00 2 11C Strong Bitter Goats Water Bitter Pete@homebrewinguk.com All Grain 4.7 1.050 1.014 22.5 28 0.56 0.53 0.0 0.0 20.5 7.8 0.0 0.00 2	60 15 50 75 150 68 2.00 225.0
11C Strong Bitter Goats Water Bitter Goats Water Bitter Pete@homebrewinguk.com All Grain 4.7 1.050 1.014 22.5 28 0.56 0.53 0.0 0.0 20.5 7.8 0.0 0.00 2	80 15 50 75 199 67 2.65 274.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1	
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1 11C Strong Bitter Greene King- Morland Old Speckled Hen (clone) Pappy's All Grain 5.1 1.048 1.009 20.5 38 0.79 0.82 0.0 0.0 29.0 9.1 0.0 0.00 1 11C Strong Bitter Greene King- Ruddles County (clone) Clibit@homebrewinguk.com All Grain 5.3 1.053 1.013 20.5 44 0.83 0.81 0.0 0.0 37.9 5.1 1.0 0.00 0 11C Strong Bitter Jim Payne Memorial Marston's Pedigree Itim-butler from BrewTube / The Malt Miller All Grain 5.1 1.048 1.009 12.6 35 0.74 0.77 0.0 0.0 30.3 5.1 1.0 0.05 2	81 15 50 75 200 68 2.67 275.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1 11.0 11.0 11.0 11.0 11.0 11.0	60 15 50 75 150 67 2.00 225.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1 11C Strong Bitter Greene King- Morland Old Speckled Hen (clone) Pappy's All Grain 5.1 1.048 1.009 20.5 38 0.79 0.82 0.0 0.0 29.0 9.1 0.0 0.0 1 11C Strong Bitter Greene King- Ruddles County (clone) Clibit@homebrewinguk.com All Grain 5.3 1.053 1.013 20.5 44 0.83 0.81 0.0 0.0 29.0 9.1 1.0 0.00 1 11C Strong Bitter Jim Payne Memorial Marston's Pedigree tim-butler from BrewTube / The Malt Miller All Grain 5.1 1.048 1.009 12.6 35 0.74 0.77 0.0 0.0 30.3 5.1 0.0 0.2 2.2 11C Strong Bitter Kentucky F-Ryed Chicken v1 EspeciallyBitter@homebrewinguk.com	
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 0.0 11.2 15.6 3.4 0.00 1.0	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 68 2.67 275.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1 11C Strong Bitter Greene King- Morland Old Speckled Hen (clone) Pappy's All Grain 5.1 1.048 1.009 20.5 38 0.79 0.82 0.0 0.0 29.0 9.1 0.0 0.00 1 11C Strong Bitter Greene King- Ruddles County (clone) Clibit@hombrewinguk.com All Grain 5.3 1.053 1.013 20.5 44 0.83 0.81 0.0 0.0 29.0 9.1 0.0 0.00 1 11C Strong Bitter Jim Payne Memorial Marston's Pedigree Itim-butler from BrewTube / The Malt Miller All Grain 5.1 1.048 1.009 12.6 35 0.74 0.77 0.0 0.0 30.3 5.1 1.0 0.00 11C Strong Bitter Kentucky F-Ryed Chicken v1 EspeciallyBitter@homebrewinguk.com All Grain	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 1.12 15.6 3.4 0.00 1.10 1.05	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 68 2.67 275.0 60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 25.5 30 0.57 0.54 0.0 0.0 0.1 1.12 15.6 3.4 0.00 1.1 1.05 1.	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 68 2.67 275.1 60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 67 2.07 275.1 81 15 50 75 200 67 2.67 275.1 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 2.5.5 30 0.57 0.54 0.0 0.0 1.12 15.6 3.4 0.00 1	60 15 50 75 150 67 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0
11C Strong Bitter	60 15 50 75 150 67 2.00 225.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 200 67 2.07 275.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 68 2.65 274.0 81 15 50 75 200 68 2.67 275.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 2.55 30 0.57 0.54 0.0 0.0 11.2 15.6 3.4 0.00 1	60 15 50 75 150 67 2.00 225.1 60 15 50 75 150 67 2.00 225.1 81 15 50 75 150 68 2.67 275.1 60 15 50 75 150 68 2.00 225.1 60 15 50 75 150 68 2.00 225.1 60 15 50 75 150 67 2.00 225.1 81 15 50 75 190 67 2.00 225.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 200 67 2.07 275.1 81 15 50 75 200 68 2.67 275.1
11.C Strong Bitter	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.07 225.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0
11C Strong Bitter Got AnOtter Parking Ticket The Thirsty Otter All Grain 5.0 1.053 1.015 2.55 30 0.57 0.54 0.0 0.0 1.12 15.6 3.4 0.00 1 1.10 1.1	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 67 2.00 225.1 81 15 50 75 150 67 2.00 225.1 81 15 50 75 199 68 2.65 275.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 200 67 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 67 2.67 275.1
11 Ci Strong Bitter	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0
ItC Strong Bitter Got AnOtter Parking Ticket The Thirsty Other All Grain 5.0 10.53 1.015 25.5 30 0.57 0.54 0.0 0.0 1.12 15.6 3.4 0.00 1 1.15 1.0	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 68 2.00 225.1 81 15 50 75 150 67 2.00 225.1 81 15 50 75 199 68 2.65 275.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 199 68 2.65 274.1 81 15 50 75 200 67 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 67 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 68 2.67 275.1 81 15 50 75 200 67 2.67 275.1
11 11 12 13 14 15 15 15 15 15 15 15	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 68 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 67 2.67 275.0
Tic Strong Bitter Got AnrOtter Parking Ticket The Thirsty Other All Grain 5.0 10.53 1.015 25.5 30 0.57 0.54 0.0 0.0 1.12 15.6 3.4 0.00 1 1.15 1.05 3.1 3.1	60 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 68 2.67 275.0 60 15 50 75 150 68 2.00 225.0 60 15 50 75 150 68 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 150 67 2.00 225.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 199 68 2.65 274.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 67 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 68 2.67 275.0 81 15 50 75 200 67 2.67 275.0

Status Batch #	Style	Name	Author	Туре	ABV	OG	FG	EBC	IBU	BU/GU	RBR	Mash	FWH Kett				CP Flaws Ca	Mg	Na	Cl	SO4	HCO3	SO4/CI	SO4+Cl	Cost/L
Saved Saved	12A British Golden Ale 12A British Golden Ale	Blonde Ale 20210227 Boddington IP (1922)	Hops_and_Dreams@homebrewinguk.com Ronald Pattinson	All Grain All Grain	4.5 5.1	1.044 1.048	1.009	7.7 10.8	35 46	0.79 0.96	0.79 1.00		0.0 23.				2								
Saved Saved	12A British Golden Ale 12A British Golden Ale	Boddington IP (1943) Boddington IP (1945)	Ronald Pattinson Ronald Pattinson	All Grain All Grain	4.6 4.3	1.044		8.9 9.3	26 25	0.58	0.59		0.0 25. 0.0 25.				0								
Saved	12A British Golden Ale	Boddington IP (1980) alternate hops	Clibit@homebrewinguk.com	All Grain	4.1	1.043	1.012	7.9	31	0.73	0.69	0.0	0.0 31.	3 0.0	0.0	1.44	0								
Saved Saved	12A British Golden Ale 12A British Golden Ale	Brown and Bitter - Pale Ale Castle Eden Ale v1	Brown and Bitter EspeciallyBitter@homebrewinguk.com	All Grain All Grain	4.3	1.042 1.040	1.008	11.6 7,7,	41 35	0.99 0.86	0.88	0.0	0.0 40. 0.0 33.	2 1.3	3 0.0	9.38	0								
Saved Saved	12A British Golden Ale 12A British Golden Ale	Chump (20210404) Citra Galaxy Session	Womble@homebrewinguk.com Scott Janish	All Grain All Grain	4.9	1.045		10.8 5.7	21 37	0.47	0.49		0.0 21.		_		0 120	8	8	104	179	17	1.72	283.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Devon Dumpling (clone) Drainhole	Cheshire Cat@homebrewinguk.com Womble@homebrewinguk.com	All Grain All Grain	5.0 4.6	1.050 1.044	1.012 1.009	8.9 9.5	45 31	0.92 0.70	0.91 0.72	0.0	0.0 15. 0.0 19.	3 24.	4 5.7	0.00	0 57	6	17 38	46 75	107 75	32 20	2.33 1.00	153.00 150.00	
Saved	12A British Golden Ale	Elderflower Ale	GHW@homebrewinguk.com	All Grain	4.1	1.041	1.010	6.1	18	0.44	0.43	0.0	0.0 13.	2 4.8	3 0.0	0.00	2		30	,,,	,,,	20	1.00	150.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Ernest but Bitter Exe Valley Spring	hichaechoc@homebreinguk.com Ceejaydubya69@homebrewinguk.com	All Grain All Grain	4.1	1.042		9.3 8.7	28 39	0.66	0.64		0.0 25.				0 57	6	17	46	107	32	2.33	153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Exmoore Ales - Exmoor Gold (clone) Farewell Bishop	Chandos Brewery hichaechoc@homebrewinguk.com	All Grain All Grain	4.6 4.7	1.045 1.048		8.7 11.2	44 36	0.97 0.75	0.98		0.0 40.0	_			0								
Saved	12A British Golden Ale	Fiddled With It	Clibit@homebrewinguk.com	Partial Mash	4.2	1.037	1.005	14.4	38	1.03	1.13	0.0	0.0 38.	2 0.0	0.0	1.08	5			1	75		100	450.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	First Gold Green Hop Green Hop Pale Ale	Clibit@homebrewinguk.com bythemashtun gmail-com / The Malt Miller	All Grain All Grain	5.0 4.3	1.048 1.045		11.0 8.1	43 23	0.88	0.9		0.0 28.				0 33 0 56	9	38 17	75 46	75 107	20 32	1.00 2.33	150.00 153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Greene King - Ice Breaker (clone) Gungnir Golden Ale	The Thirsty Otter Miðgarð Brewhouse (Cawood, North Yorkshire, UK)	All Grain All Grain	4.5	1.044		8.7 9.7	37 34	0.84	0.84		0.0 31.				0 57 0 81	6 15	17 50	46 75	107 200	32 68	2.33	153.00 275.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Hazy Pale (20240527) Jennings Brewery - Cumberland Ale (clone)	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	4.5 4.2	1.043 1.041	1.009	10.4 10.8	39 35	0.9	0.92 0.85	0.0	0.0 24.	8 0.0	13.9	1.76	1 58	6	17	46	107	33	2.33	153.00	
Saved	12A British Golden Ale	Light Pale Ale	GHW@homebrewinguk.com	All Grain	4.2	1.042	1.010	9.3	36	0.85	0.84	0.0	0.0 16.	5 14.	9 4.5	0.00	0 81	15	50	75	200	67	2.67	275.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Nerdy Brewers - SHA-2 (Single Hop Ale) Noddington's	Nerdy Brewers Womble@homebrewinguk.com	All Grain All Grain	4.5 3.7	1.045	1.011	13.8 6.5	40 34	0.89 1.03	0.87 1.11		0.0 32. 0.0 30.				1 33 5 81	9 15	38 50	75 75	75 200	20 68	1.00 2.67	150.00 275.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Noname (20211128) Norwich Sunrise Golden Ale	Clibit@homebrewinguk.com Josh Weikert / Craft Beer & Brewing	All Grain All Grain	4.7 4.1	1.042 1.042		4.9 7.5	44 36	1.05 0.86	1.14 0.83		0.0 40. 0.0 33.				2 100 0 57	15 6	75 17	132 46	200 107	94 32	1.52 2.33	332.00 153.00	
Saved	12A British Golden Ale	Oakland GBH	The Malt Miller / bluesoulpaul	All Grain	4.5	1.038	1.004	4.3	34	0.90	1.01	0.0	0.0 21.	9 12.	2 0.0	0.00	1	—							
Saved Saved	12A British Golden Ale 12A British Golden Ale	Old Duffer Beer Old Duffer Beer v2	Clibit@homebrewinguk.com The Thirsty Otter	All Grain All Grain	4.6	1.044	1.009	13.0 13.8	42 41	0.97	0.99		13.9 26. 12.7 25.		_		1 58 1 58	6	17 17	46 46	107 107	32 32	2.33	153.00 153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Old Duffer Beer v3 Old Duffer Beer v4	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.7 4.7	1.042 1.042		13.8 13.8	41 41	0.92 0.92	0.96 0.96		12.7 25.0 12.7 25.0				1 58 1 58	6	17 17	46 46	107 107	32 32	2.33 2.33	153.00 153.00	
Saved	12A British Golden Ale 12A British Golden Ale 12A British Golden Ale	Old Trafford Fuggles Pale	Clibit@homebrewinguk.com	All Grain	4.6	1.044	1.009	11.8	41	0.93	0.95	0.0	0.0 32.	4 6.3	3 2.5	0.00	0 33	9	38	75	75	20	1.00	150.00	<u> </u>
Saved Saved	12A British Golden Ale	Passion Fruit Tropical Pale Ale Pioneer Golden Ale	GHW@homebrewinguk.com GHW@homebrewinguk.com	All Grain All Grain	5.3 4.7	1.043	1.007	7.5 7.1	39 35	0.78 0.81	0.91 0.86	0.0	33.4 0.0 0.0 21.	8 9.2	2 4.1	0.00	2 81 0 81	15 15	50 50	75 75	200 201	67 67	2.67 2.68	275.00 276.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Ringwood Ale Robinsons Brewery - Dizzy Blonde (clone)	Womble@homebrewinguk.com Melvyn Waite	All Grain All Grain	5.0 4.5	1.048 1.043		11.6 7.3	24 29	0.49 0.67	0.50 0.68		0.0 11.0				0 55	15	46	75	150	40	2.00	225.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Saaz Pale Ale Salcombe Gold (clone)	Clibit@homebrewinguk.com Cheshire Cat@homebrewinguk.com	All Grain	5.1 4.6	1.045	1.006	7.9	39	0.86	0.94	0.0	0.0 37.	0.0	1.7	0.00	1 33 3 57	9	38	75	75 107	20	1.00	150.00 153.00	
Saved	12A British Golden Ale	Salcombe Gold (clone)	Cheshire Cat@homebrewinguk.com	All Grain	4.2	1.042	1.010	7.5	57	1.35	1.34	0.0	0.0 31.	8 14.	7 10.2	0.00	3 58	6	17	46	107	32	2.33	153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	SMaSH Boadicea SMaSH CF184	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.5	1.043		7.9 8.1	28 29	0.63	0.62		0.0 25.	27.	2 1.5	0.71	0 57 0 58	6	17 17	46 46	107 107	32 32	2.33	153.00 153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	SMaSH East Kent Golding SMaSH First Gold	The Thirsty Otter GHW@homebrewinguk.com	All Grain All Grain	4.5 4.7	1.043 1.046	1.011	7.9 8.3	26 39	0.57 0.85	0.56	0.0	0.0 23.0	0.0	2.7	0.00	0 57 0 33	6 9	17 38	46 75	107 75	32 20	2.33 1.00	153.00 150.00	
Saved	12A British Golden Ale	SMaSH First Gold v2	The Thirsty Otter	All Grain	4.3	1.041	1.010	8.1	33	0.78	0.78	0.0	0.0 18.	0 12.	1 3.0	0.71	0 58	6	17	46	107	32	2.33	153.00	
Brewed 4 Brewed 33	12A British Golden Ale 12A British Golden Ale	SMaSH Fuggle SMaSH Fuggle v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.3	1.041 1.039		5.5 7.7	25 24	0.59	0.59		0.0 13.				0 43 0 55	15 15	67 46	75 75	68 150	178 40	0.91 2.00	143.00 225.00	1.14 5.21
Brewed 3 Brewed 27	12A British Golden Ale 12A British Golden Ale	SMaSH Godiva SMaSH Godiva v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.7 4.2	1.045 1.041		8.7 7.7	35 26	0.74 0.63	0.74		0.0 28. 0.0 14.				0 47 0 56	10 15	67 41	82 76	48 152	178 27	0.59 2.00	130.00 228.00	1.28 4.43
Saved Saved	12A British Golden Ale 12A British Golden Ale	SMaSH Progress SMaSH Progress v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.3	1.041	1.010	9.5 9.5	36 36	0.84	0.84	0.0	0.0 21.	4 11.	4 2.9	1.00	0 55	15	46	75 46	150 107	40	2.00	225.00 153.00	
Saved	12A British Golden Ale	SMaSH Progress v3	The Thirsty Otter	All Grain	4.3	1.041	1.010	9.5	36	0.84	0.84	0.0	0.0 21.	4 11.	4 2.9	3.00	0 58	6	17	46	107	32	2.33	153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	South Manchester Pale Ale St Austell - Tribute (clone)	Clibit@homebrewinguk.com The Thirsty Otter	All Grain All Grain	4.9	1.046		15.4 11.4	43 28	0.92	0.95		0.0 42.			0.00	1 57 0 34	10	17 39	46 78	107 78	32 20	2.33 1.00	153.00 156.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	St Austell - Tribute (clone) v2 St Austell - Tribute (clone) v3	ReallyBigMonkey The Malt Miller	All Grain All Grain	4.2 4.1	1.040 1.041		5.9 9.3	33 33	0.80 0.82	0.82 0.81		0.0 21.				0 33 0 33	9	38 38	75 75	75 75	20 20	1.00 1.00	150.00 150.00	
Saved	12A British Golden Ale	St Austell - Tribute (clone) v4	Clibit@homebrewinguk.com	All Grain	4.3	1.042	1.009	8.7	18	0.44	0.45	0.0	0.0 4.5	5.7	7 8.2	0.00	1 58	6	17	46	107	33	2.33	153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	St Austell - Tribute (clone) v5 Summer Lightning (clone)	Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com	All Grain All Grain	3.8 4.6	1.038 1.046		7.5 7.9	32 39	0.86 0.84	0.85		0.0 20.				0 58	6	17 17	46 46	107 107	32 32	2.33 2.33	153.00 153.00	-
Saved Saved	12A British Golden Ale 12A British Golden Ale	The Queen is Dead Hoppy Three Brooks Pale Ale	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	4.6 4.5	1.040 1.042		9.5 14.6	31 35	0.65 0.84	0.63 0.87		0.0 28.0				0 81 1 81	15 15	50 50	75 75	200 200	68 67	2.67 2.67	275.00 275.00	
Saved	12A British Golden Ale	Titanic White Star (clone)	Sam Hesford	All Grain	4.5	1.046	1.012	9.1	25	0.55	0.53	0.0	0.0 21.	7 2.5	5 1.0	1.30	0 57	6	17	46	107	32	2.33	153.00	
Saved Brewed 35	12A British Golden Ale 12A British Golden Ale	Tropical Hops Pale (20240517) Two Pints and a Packet of Hops (Fuggle and East Kent Goldings) v2	GHW@homebrewinguk.com The Thirsty Otter	All Grain All Grain	4.2	1.043 1.039	1.009	8.3 7.7	29 24	0.69	0.67		0.0 21.0				0 57 0 55	15	17 45	46 75	107 150	33 40	2.33	153.00 225.00	5.25
Brewed 34 Brewed 29	12A British Golden Ale 12A British Golden Ale	Two Pints and a Packet of Hops (Fuggle and Progress) v2 Two Pints and a Packet of Hops (Godiva and East Kent Goldings)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.2	1.039		7.7	24 31	0.60 0.76	0.61		0.0 5.7 0.0 17.				0 55 0 56	15 15	46 41	75 76	150 152	40 27	2.00	225.00 228.00	5.15 2.76
Brewed 28 Saved	12A British Golden Ale 12A British Golden Ale	Two Pints and a Packet of Hops (Godiva and Progress) Wainwrights Golden Ale (clone)	The Thirsty Otter martin-rees / The Malt Miller	All Grain All Grain	4.2 3.8	1.039 1.039		7.7 11.4	31 27	0.76 0.69	0.77		0.0 17. 0.0 22.				0 56 1 57	15 6	41 17	75 46	152 107	27 32	2.03 2.33	227.00 153.00	2.70
Saved	12A British Golden Ale	Waka Dream Ale	Clibit@homebrewinguk.com	All Grain	4.5	1.041	1.007	7.9	24	0.59	0.62	0.0	0.0 18.	2 0.0	5.8	1.10	0 55	15	45	75	150	40	2.00	225.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Washington Ale Williams Brothers Brewing Co Good Times	GHW@homebrewinguk.com Williams Brothers Brewing Co.	All Grain All Grain	4.2 5.0	1.042 1.050		7.9 8.3	24 16	0.56 0.32	0.55 0.32		0.0 19. 0.0 9.7	_	_		0 57 3 58	6	17 17	46 46	107 107	32 32	2.33	153.00 153.00	
Saved Saved	12A British Golden Ale 12A British Golden Ale	Wychwood - Fiddlers Elbow (clone) Wychwood - Wychraft (clone)	Sam Hesford Sam Hesford	All Grain All Grain	4.5 5.4	1.043		13.8 6.9	24 26	0.55	0.56		0.0 15.				1 58 1 58	6	17 17	46 46	107 107	32 32	2.33 2.33	153.00 153.00	
Saved	12A British Golden Ale 12A British Golden Ale	Wye Valley HPA	GHW@homebrewinguk.com Ron Pattinson	All Grain All Grain	4.2	1.041	1.009	7.9	21	0.52	0.52	0.0	0.0 18.	6 1.8	3 0.7	0.00	0 58	6	17	46 46	107	32	2.33	153.00	
Saved Saved	12C English IPA	Young's Ordinary (2006) Ahtanum Pale Ale	EspeciallyBitter@homebrewinguk.com	All Grain	3.5 6.2	1.038 1.057	1.010	8.9 17.1	20 47	0.52 0.82	0.86	0.0	0.0 19.0	6 25.	2 1.2	0.00	1 58 0	•	17	46	107	32	2.33	153.00	
Saved Saved	12C English IPA 12C English IPA	Barclay Perkins - Pale Ale (1914) Befuddles County v1	Ronald Pattinson EspeciallyBitter@homebrewinguk.com	All Grain All Grain	6.8	1.062 1.054		16.5 16.7	45 45	0.73 0.83	0.78		0.0 45.0				0 81	15	50	75	200	68	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	Befuggled County v1 Bloody Orange IPA	EspeciallyBitter@homebrewinguk.com Miðgarð Brewhouse (Cawood, North Yorkshire, UK)	All Grain All Grain	6.8 5.5			16.7 16.7	45 30	0.83 0.58	0.9		0.0 43.0 0.0 12.0				1 81 3 81	15 15	50 50	75 75	200 200	68 67	2.67 2.67	275.00 275.00	
Saved Saved	12C English IPA 12C English IPA	Calling Bird India Pale Ale Cornish Tin Miner's Ale v1	Josh Weikert (Craft Beer & Brewing) EspeciallyBitter@homebrewinguk.com	All Grain All Grain	5.4 6.2	1.053	1.012	29.5 24.0	54 47	1.02 0.83	1.02 0.87	0.0	0.0 40.	3 12.	6 1.1	5.35	3								
Saved	12C English IPA	Crisp IPA English	Clibit@homebrewinguk.com	All Grain	4.5	1.044	1.010	8.7	50	1.13	1.13	0.0	0.0 45.	0 4.5	0.0	0.00	5 81	15	50	75	200	68	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	Double Rainbow Drybrough - PI (1917)	adrianDBW@homebrewinguk.com Ronald Pattinson	All Grain All Grain	5.8 3.8	1.059 1.035		17.7 9.1	52 15	0.87 0.42	0.84		0.0 0.0				0 92 7	17	57	85	228	75	2.68	313.00	-
Saved Saved	12C English IPA 12C English IPA	English IPA (20220904) Episode 24 English IPA	Gaz11211@homebrewinguk.com By The Mash Tun / The Malt Miller	All Grain All Grain	4.6 5.8	1.046 1.059		9.3 12.2	49 55	1.06 0.93	1.05 0.90		0.0 27.0 0.0 31.0				5 81	15	50	75	200	68	2.67	275.00	
Saved	12C English IPA	Hawkshead Brewery - The Beer Shack English Pale Ale	philip-ormerod / The Malt Miller	All Grain	5.1	1.051	1.012	12.2	80	1.58	1.57	0.0	0.0 67.	0.0	12.7	4.83	3 81	15	50	75	200	67	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	imProper Job Improper Job	GHW@homebrewinguk.com hichaechoc@homebrewinguk.com	All Grain All Grain	5.3 5.4		1.013	10.6 9.9	58 46	1.09 0.85	1.07 0.84		0.0 24.0			0.00	3 81	15	50	75	200	68	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	Improper Job (clone) Mean Brews - English IPA	EspeciallyBitter@homebrewinguk.com Mean Brews	All Grain All Grain	5.4 6.4			10.6 18.7	52 58	0.95 0.91	0.92		27.9 0.0 0.0 26.				1 81 0 231	15 19	50 16	75 35	200 588	67 31	2.67 16.80	275.00 623.00	
Saved	12C English IPA 12C English IPA	Old England IPA Piney Rye Pale Ale	Pete@homebrewinguk.com	All Grain All Grain	5.5	1.054	1.012	16.5	51	0.94	0.94	0.0	0.0 32.	7 18.	0.0	2.27	0 81	15	50	75	200	67	2.67	275.00	
Saved Saved	12C English IPA	Queen Lizzy Green Hop Ale	GHW@homebrewinguk.com Clibit@homebrewinguk.com	All Grain	5.0 5.0	1.048	1.010	16.9 10.4	45 35	0.93 0.72	0.95 0.73	0.0	0.0 39.	9 0.0	5.0	0.00	1 81 2 81	15 15	50 50	75 75	200 200	67 68	2.67 2.67	275.00 275.00	
Saved Saved	12C English IPA 12C English IPA	Randy Mosher - Jaggery Pale Ale Spunk IPA	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain		1.073 1.046		9.7 9.3	82 51	1.13 1.10	1.23		0.0 64.				6 81 5 81	15 15	50 50	75 75	200	67 68	2.67 2.67	275.00 275.00	
Saved Saved	12C English IPA 12C English IPA	St Austell - Proper Job (clone) Thornbridge - Seaforth IPA (clone) v1	Cutters Choice Homebrew EspeciallyBitter@homebrewinguk.com	All Grain All Grain	5.8 5.0		1.014	10.0 17.9	52 50	0.89 1.00	0.88	0.0	0.0 22.0 0.0 41.	0 22.	6 7.5	0.00	1 79	15	49	73	194	66	2.66	267.00	
Saved	12C English IPA	Thornbridge - Seaforth IPA (clone) v2	EspeciallyBitter@homebrewinguk.com	All Grain	6.0	1.056	1.010	21.0	48	0.86	0.90	0.0	0.0 40.	3 0.0	7.8	0.00	0 81	15	50	75	200	67	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	Tiny Rebel - Urban IPA (clone) Truman 1939 Pale 1B v2	Jon Finch / The Malt Miller EspeciallyBitter@homebrewinguk.com	All Grain All Grain	5.0 5.5	1.051 1.055	1.013	12.6 12.4	50 39	0.99	0.96	0.0	0.0 5.5	8 0.0	0.0	3.12	1 81 1	15	50	75	200	67	2.67	275.00	
Saved Saved	12C English IPA 12C English IPA	Truman 1939 Pale 1B v3 Victory and Chaos (trub's version)	EspeciallyBitter@homebrewinguk.com John Palmer / trub@homebrewinguk.com	All Grain All Grain	5.5 6.6	1.054 1.064		12.2 16.0	38 52	0.70 0.81	0.70 0.82		0.0 37. 0.0 41.				1 0 81	15	50	75	200	67	2.67	275.00	+
Saved	12C English IPA 13A Dark Mild	Young's Special London Ale (2006)	Ron Pattinson The Thirsty Otter	All Grain All Grain	6.4	1.069	1.020	12.8	26	0.37	0.35	0.0	0.0 25.	5 0.0	0.0	0.00	4 81	15	50	75	200	67	2.67	275.00 122.00	
Saved Saved	13A Dark Mild	A Day At The Races Abbey Road Mild	Geoffrey Shread	All Grain	3.7 3.9	1.034 1.037	1.007	34.5 30.0	13 23	0.36 0.62	0.36 0.65	0.0	0.0 22.	9 0.0	0.0	0.00	2 60	3 15	20 50	59 75	63 150	35 68	1.07 2.00	225.00	
Saved Saved	13A Dark Mild 13A Dark Mild	AnOtter Dark Mild Nutty Ale AnOtter Mild Willamette	The Thirsty Otter The Thirsty Otter	All Grain All Grain	3.4			34.0 29.5	20 18	0.57 0.46	0.55 0.43		0.0 10. 0.0 9.2				0 50 0 50	3	20 20	59 59	63	36 36	1.07 1.07	122.00 122.00	
Saved Saved	13A Dark Mild 13A Dark Mild	Bank's Mild v2 (clone) Boddingtons - Oldham Mild (1987)	EspeciallyBitter@homebrewinguk.com Ronald Pattinson	All Grain	3.3	1.036	1.011	32.0	27 10	0.75	0.69	0.0	0.0 20.	6 6.4	1 0.0	0.00	3 60	15	50	75	150	68	2.00	225.00	
Saved	13A Dark Mild	Brains - Dark (clone)	deanrpwaacs@homebrewinguk.com	All Grain	3.5	1.037	1.010	23.5 41.0	24	0.64	0.61	0.0	0.0 23.	4 0.0	0.6	0.00	0 60	15	50	75	150	67	2.00	225.00	
Saved Saved	13A Dark Mild 13A Dark Mild	Buck Mild v1 Dark Mild	EspeciallyBitter@homebrewinguk.com wobleylegs@homebrewinguk.com	All Grain All Grain	3.7 4.2	1.040		29.0 29.0	27 26	0.69	0.64		0.0 23.0	8 2.9			2 50 5	3	20	59	63	35	1.07	122.00	
Saved Saved	13A Dark Mild 13A Dark Mild	Dark Mild (20220731) Dark Mild (20220922)	EspeciallyBitter@homebrewinguk.com	All Grain All Grain	3.5	1.029	1.002	28.0	28	0.98	1.14	0.0	0.0 22.	7 5.4	1 0.0	0.00	5 50	3	20	59	63	35	1.07	122.00	
50.50	-51 Carit 1-110	n	1	p in Orail1	1	i .		1													1	1			

	Name	Author	Туре	ABV	OG FG	EBC	IBU BU/GU	RBR	Mash F	WH Kettle	Late	Aloma	DH BY	P Flaws Ca	Mg	Na	CI	SO4	HCO3	SO4/CI	SO4+Cl
13A Dark Mild 13A Dark Mild	Fuller's Hock Latest mild	Guy Stewart - Beer and Brewing rodwha@homebrewinguk.com	All Grain All Grain		1.029 1.011 1.047 1.006		21 0.72 25 0.53	0.61 0.58		0.0 21.3 0.0 13.1		0.0		3 50 3 58	3 12	20 39	59 88	63 102	35 56	1.07 1.16	122.00 190.00
13A Dark Mild 13A Dark Mild	Mild My first mild	Robert@homebrewinguk.com rodwha@homebrewinguk.com	All Grain All Grain	3.8 5.5	1.036 1.007 1.047 1.005	28.0	19 0.54 25 0.54	0.56 0.61	0.0	0.0 19.3 0.0 13.5	0.0	0.0	0.00	1 3 58	13	31	78	110	48	1.41	188.00
13A Dark Mild	Nerdy Brewers - Session State	Nerdy Brewers	All Grain	3.9	1.040 1.010		23 0.58	0.57		0.0 23.9	0.0	0.0	0.00	2	13	31	/6	110	40	1.41	100.00
13A Dark Mild 13A Dark Mild	Sara Hughes - NotQuiteSoMild Thirty Florins Mild	ianharkess / The Malt Miller EspeciallyBitter@homebrewinguk.com	All Grain All Grain		1.060 1.016 1.039 1.003		38 0.63 28 0.73	0.60		0.0 33.8 0.0 25.1		0.0		6 60	15 15	15 50	50 75	75 150	67	1.50 2.00	125.00 225.00
13A Dark Mild 13A Dark Mild	Thwaites Nutty Black Twisted Barrel - Beast of Midlands Mild	Sam The Malt Miller	All Grain All Grain	3.0 3.4	1.033 1.010 1.038 1.012		23 0.68 22 0.59	0.63 0.54	0.0	0.0 20.9 0.0 19.4	1.9	0.0	0.00	1 64 1 50	15	50 20	75 59	150 63	80 36	2.00 1.07	225.00 122.00
13A Dark Mild	xBmt-20220331 TBC Imperial Yeast A09 Pub vs Safale S-04	Will Lovell	All Grain	4.1	1.041 1.010	32.0	21 0.50	0.49	0.0	0.0 15.0	5.5	0.0	0.00	2 60	15	50	75	150	67	2.00	225.00
13B British Brown Ale 13B British Brown Ale	Centennial Brown Ale Crisp Ruby	Clibit@homebrewinguk.com Crisp Malt	All Grain All Grain	4.7	1.045 1.009 1.049 1.012		27 0.58 25 0.51	0.60		0.0 9.7 0.0 13.9	14.4	2.4 4.0		0 44	12	50	75	100	68	1.33	175.00
13B British Brown Ale 13B British Brown Ale	Flyer Brown Ale Hopspider - Incapability Brown	Clibit@homebrewinguk.com Martin Kernick@homebrewinguk.com	All Grain All Grain	4.6 4.3	1.043 1.008 1.044 1.011		43 1.00 27 0.60	1.04 0.59		0.0 41.6 0.0 25.5	0.0	1.5	4.00 0.00	3 0 30	6	30	64	56	17	0.88	120.00
13B British Brown Ale	Jacobsen - Brown Ale (clone)	The Thirsty Otter	All Grain	5.4	1.054 1.013	48.5	23 0.43	0.42	0.0	0.0 12.6	0.0	10.7	0.00	3 30	6	30	64	56	17	0.88	120.00
13B British Brown Ale 13B British Brown Ale	Kirkstall - Biscuit Brown Ale (clone) Mannly Ale v2	clibit@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	4.7	1.052 1.016	21.5	33 0.63	0.58	0.0	0.0 31.4	0.0	1.4	0.00	3 30	6	30	64	56	17	0.88	120.00
13B British Brown Ale 13B British Brown Ale	Mannly Brown Ale Mannly Brown Ale v2	EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	5.9 4.7	1.054 1.009 1.042 1.007		21	0.41		0.0 17.8 0.0 19.4		0.0		3 2							
13B British Brown Ale	xBmt-20191014 Impact Of Diacetyl Rest on English Ale	Jake Huolihan	All Grain	4.5	1.050 1.016	39.5	29 0.59	0.53	0.0	0.0 29.4	0.0	0.0	0.00	1 30	6	30	64	56	17	0.88	120.00
13B British Brown Ale 13C English Porter	xBmt-20200504 Toasted Oats AnOtter Chocolate Caramel Biscuit	Matt Del Fiacco The Thirsty Otter	All Grain All Grain	4.6 5.3	1.050 1.015 1.051 1.013		23 0.46 39 0.73	0.43		16.9 0.0 0.0 34.4	6.1 0.0	0.0 4.1	0.00	1 30 2 36	10	30 59	64 79	56 78	17 77	0.88	120.00 157.00
13C English Porter 13C English Porter	AnOtter Chocolate Caramel Biscuit v2 AnOtter Chocolate Caramel Biscuit v3	The Thirsty Otter The Thirsty Otter	All Grain All Grain	5.1	1.051 1.014	35.0	39 0.73	0.70	0.0	0.0 34.4	0.0	4.1	0.00	3 58	12	50	100 100	100	67	1.00	200.00
13C English Porter	Bilbo's Porter	David O'Neal	All Grain	5.3 4.6	1.047 1.012	47.5	27 0.57	0.72 0.55	0.0	0.0 34.4 0.0 19.9	6.7	4.1 0.0	0.00	3 58 0 41	12	50 50	75	100 100	53	1.33	175.00
13C English Porter 13C English Porter	Black Stuff Clib's London Porter 2023	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	4.6 5.3	1.045 1.010 1.052 1.012		32 0.71 51 0.99	0.71		0.0 24.1 0.0 46.9	0.0	8.0 4.2	0.00	1 58 4 58	12 12	50 50	100 100	100 100	67	1.00	200.00
13C English Porter	Fullers London Porter	Geoffrey Shread	All Grain	4.9	1.050 1.013	53.5	26 0.53	0.51	0.0	0.0 20.6	5.5	0.0	0.00	0 58	12	50	100	100	67	1.00	200.00
13C English Porter 13C English Porter	Fullers London Porter (20240517) London Porter (20190708)	Geoffrey Shread AdrianDBW@homebrewinguk.com	All Grain All Grain	5.0	1.051 1.013 1.052 1.012		26 0.52 36 0.68	0.51		0.0 21.0 0.0 30.2		0.0	0.00	0 36 2 36	10	59 59	79 79	78 78	77	0.99	157.00 157.00
13C English Porter 13C English Porter	Northern Monk - Northern Star // Mocha Porter Port O'Palmer Porter	Clibit@homebrewinguk.com John J. Palmer (How To Brew)	All Grain All Grain	6.0 4.1	1.072 1.026 1.043 1.012		21 0.29 36 0.84	0.25		0.0 18.5 0.0 35.2		2.8	0.00	6 58	12	50	100	100	67	1.00	200.00
13C English Porter	Pörtchen v4	EspeciallyBitter@homebrewinguk.com	All Grain	7.0	1.066 1.013	59.5	31 0.47	0.48	0.0	0.0 31.1	0.0	0.0	0.00	3 58	12	50	100	100	67	1.00	200.00
13C English Porter 13C English Porter	Samuel Smith - Taddy Porter (clone) Vlad Chocula	Klaus Gregersen The Thirsty Otter	All Grain All Grain	5.1 4.5	1.052 1.013 1.046 1.012	46.5	35 0.67 22 0.47	0.65 0.45	0.0	0.0 27.1 0.0 12.7	7.8 6.9	0.0 2.1	0.00	1 44 0 36	12 10	50 59	75 79	100 78	67 77	1.33 0.99	175.00 157.00
13C English Porter 13C English Porter	West Indian Porter xBmt-20200615 Mash Temperature English Porter	Cheshire Cat@homebrewinguk.com Andy Carter	All Grain All Grain	6.0 5.1	1.055 1.009 1.053 1.014		38 0.69 24 0.44	0.73 0.42		0.0 23.2 0.0 23.5	15.0 0.0	0.0	0.00	4 36 2 58	10 12	59 50	79 100	78 100	77	0.99	157.00 200.00
13C English Porter	xBmt-20201019 Roasted Barley vs. Black Malt in English Porter	Andy Carter	All Grain	5.4	1.055 1.014	69.0	20 0.37	0.36	0.0	0.0 13.5	6.7	0.0	0.00	4 47	5	3	42	65	17	1.55	107.00
13C English Porter 14B Scottish Heavy	xBmt-20220613 Impact Vitality Starter Has On An English Porter 80/- Heavy Bevvy	Mike Neville George@homebrewinguk.com	All Grain All Grain	4.7 3.5	1.049 1.013 1.036 1.009		22 0.45 81 2.24	0.43 2.19		0.0 22.2 0.0 80.7	0.0	0.0	0.00	0 69 4 60	11 15	50	89 75	88 150	67	0.99 2.00	177.00 225.00
14C Scottish Export	Ragondingue - #034-Caribou Strong Scottish Ale (20231216)	Ragondingue Craft Beer George@homebrewinguk.com	All Grain All Grain	5.9	1.057 1.012 1.061 1.016	34.0	21 0.37 35 0.63	0.38	0.0	0.0 13.1 0.0 38.2	8.2	0.0	0.00	0 60	15 15	50	75 75	150 150	68	2.00	225.00 225.00
14C Scottish Export	Usher's 60/- Pale Ale (1886)	Park Brewery	All Grain	5.6	1.057 1.014	8.9	26 0.46	0.45	0.0	0.0 26.1	0.0	0.0	0.00	1 60	15	50	75	150	67	2.00	225.00
15A Irish Red Ale 15A Irish Red Ale	AnOtter Red Later Bad Santa	The Thirsty Otter Jon Finch / The Malt Miller	All Grain All Grain	4.5 5.3	1.045 1.011 1.055 1.015		22 0.48 29 0.52	0.47 0.50		0.0 19.6 0.0 28.5		2.2 0.0	1.79 0.00	0 46 4	2	36	92	52	17	0.57	144.00
15A Irish Red Ale	Clibbish Red Ale	Clibit@homebrewinguk.com	All Grain	4.5	1.044 1.010	31.5	34 0.76	0.76	0.0	0.0 33.5	0.0	0.0	0.00	4 81	15	50	75	200	68	2.67	275.00
15A Irish Red Ale 15A Irish Red Ale	First Up Ragondingue - #020-Jus de cerveau	GHW@homebrewinguk.com Ragondingue Craft Beer	All Grain All Grain	4.3 4.5	1.044 1.011 1.043 1.009		23 0.53 24 0.57	0.52		0.0 17.8 0.0 24.2	0.0	0.0	0.00	1 81	15	50	75	200	67	2.67	275.00
15A Irish Red Ale 15A Irish Red Ale	Ragondingue - #034-Jus de cerveau - Brain Juice Reynard	Ragondingue Craft Beer The Thirsty Otter	All Grain All Grain	4.6 4.5	1.046 1.011 1.044 1.012		21 0.46 23 0.51	0.45		0.0 20.1 0.0 13.7	7.0	1.1 2.7	0.00	0 81 0 81	15 15	50 50	75 75	200 200	67	2.67 2.67	275.00 275.00
15A Irish Red Ale	Shepherd Neame - Late Red	brew sheet	All Grain	4.5	1.045 1.010	26.0	22 0.49	0.49	0.0	0.0 19.6	0.0	2.2	1.79	0 46	2	36	92	52	17	0.57	144.00
15B Irish Stout 15B Irish Stout	Blackcurrant & Liquorice Stout Clib Dry Stout	hichaechoc@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	4.5 4.6	1.047 1.120 1.041 1.007		53 1.11 41 0.97	1.08		0.0 48.0 0.0 30.6		4.7 10.3	0.00	0 58	12	50	100	100	67	1.00	200.00
15B Irish Stout 15B Irish Stout	Cure from Clib Stout Dry Stout	Clibit@homebrewinguk.com Brown and Bitter	All Grain All Grain	4.3 3.3	1.041 1.008 1.035 1.010	70.5 74.5	40 0.98 34 0.96	1.01 0.90		0.0 40.0 0.0 33.6	0.0	0.0	0.00	0 45	12	50	75	100	70	1.33	175.00
15B Irish Stout	Guinness - Guinness Draught (clone)	Bruce Itterman (BYO Magazine)	All Grain	4.2	1.044 1.012	70.0	43 0.97	0.93	0.0	0.0 42.9	0.0	0.0	0.00	1							
15B Irish Stout 15B Irish Stout	Guinness - Guinness Draught (clone) v2 Guinness - Guinness Draught (clone) v3	Gravey's Brewery Gravey's Brewery	All Grain All Grain	4.2 3.9	1.043 1.011 1.041 1.011		42 0.97 42 1.01	0.94		0.0 28.3 0.0 41.6		0.0	0.00	0					+		
15B Irish Stout 15B Irish Stout	Jamie's Jimmy J's Stout v1	Brumbrew@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain	3.3 4.7	1.033 1.008 1.042 1.006		47 1.45 36 0.85	1.43 0.92		0.0 46.0 0.0 35.7	0.0	0.8	0.00	6 1 82	2	26	101	86	42	0.85	187.00
	pilitily 3 3 Stout VI							0.94		0.0 44.0		0.0	0.00	02	<u> </u>	20	101	00	72	0.03	107.00
15B Irish Stout	O'Davey Stout	Dave Carpenter	All Grain	4.3	1.045 1.012		44 0.98							3							
15B Irish Stout 15B Irish Stout 15B Irish Stout	O'Davey Stout Ragondingue Draught - Guinness Clone St Patrick Stout	Dave Carpenter Ragondingue Craft Beer Clibit@homebrewinguk.com	All Grain All Grain All Grain	3.5 4.3	1.037 1.010	66.5	26 0.70 33 0.79	0.67	0.0	0.0 25.8 0.0 32.2		0.0	0.00	1 81 0 82	15 2	50 26	75 101	200 86	68 42	2.67 0.85	275.00 187.00
15B Irish Stout 15B Irish Stout 15B Irish Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen	All Grain All Grain All Grain	3.5 4.3 4.2	1.037 1.010 1.042 1.009 1.043 1.011	66.5 68.0 76.5	26 0.70 33 0.79 33 0.76	0.67 0.80 0.74	0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5	0.0 11.2	0.0 1.1 0.0	0.00 0.00 0.00	0 82 0 62	2 10	26 8	101 66	86 100	42 17	0.85 1.52	187.00 166.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 15C Irish Extra Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com	All Grain All Grain All Grain All Grain All Grain	3.5 4.3 4.2 5.1 5.8	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018	66.5 68.0 76.5 94.0 78.0	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00	0.67 0.80 0.74 0.72 0.00	0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0	0.0 11.2 0.0 0.0	0.0 1.1 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00	0 82	2	26 8 50 50	101 66 100 100	86 100 100 100	42 17 68 67	0.85 1.52 1.00 1.00	187.00 166.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brū It Yourself Habañero Stout Breakfast Stout (20220824)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com	All Grain All Grain All Grain All Grain	3.5 4.3 4.2 5.1 5.8 7.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013	66.5 68.0 76.5 94.0 78.0 87.5	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00	0.67 0.80 0.74 0.72 0.00	0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8	0.0 11.2 0.0 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00	0 82 0 62 1 58	2 10 12	26 8 50	101 66 100	86 100 100	42 17 68	0.85 1.52 1.00	187.00 166.00 200.00 200.00 170.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.66 33 0.50	0.67 0.80 0.74 0.72 0.00 0.59 0.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 28.8 0.0 33.2	0.0 11.2 0.0 0.0 0.0 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 3.8	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35	2 10 12 12 9	26 8 50 50 48	101 66 100 100 100	86 100 100 100 70	42 17 68 67 17	0.85 1.52 1.00 1.00 0.70	187.00 166.00 200.00 200.00 170.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.059 1.015	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 28.8 0.0 33.2 0.0 74.1 0.0 59.5	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 3.8 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3	2 10 12 12 9 12	26 8 50 50 48 50	101 66 100 100 100 75	86 100 100 100 70 101	42 17 68 67 17 68	0.85 1.52 1.00 1.00 0.70	187.00 166.00 200.00 200.00 170.00 176.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16A Sweet Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcoholk@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 6.4 5.0 5.8 5.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.059 1.015 1.057 1.016	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01 35 0.61	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 28.8 0.0 33.2 0.0 74.1 0.0 59.5 0.0 32.9	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 3.8 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13	2 10 12 12 9 12	26 8 50 50 48 50	101 66 100 100 100 75	86 100 100 100 70 101	42 17 68 67 17 68	0.85 1.52 1.00 1.00 0.70	187.00 166.00 200.00 200.00 170.00 176.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skilistad Ronald Pattinson Clibit@homebrewinguk.com Alcoholx@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 6.4 5.0 5.8 5.4 4.7 5.5	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.059 1.015 1.057 1.016 1.049 1.038 1.057 1.016 1.057 1.016 1.049 1.038	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5	26 0.70 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01 35 0.61 33 0.69 24 0.38	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 32.2 0.0 38.8 0.0 0.0 0.0 45.8 0.0 33.2 0.0 74.1 0.0 59.5 0.0 32.9 0.0 18.2 0.0 23.9	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0	2 10 12 12 12 9 12 5	26 8 50 50 48 50 3	101 66 100 100 100 75 5	86 100 100 100 70 101 36	42 17 68 67 17 68 17	0.85 1.52 1.00 1.00 0.70 1.35 7.20	187.00 166.00 200.00 200.00 170.00 176.00 41.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Gibit@homebrewinguk.com Gravey's Brewery	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 3.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.057 1.016 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0	26 0.70 33 0.79 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.50 74 1.40 60 1.01 35 0.61 35 0.61 35 0.61 35 0.61 37 0.69 31 0.78	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34 0.67	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 45.8 0.0 28.8 0.0 74.1 0.0 74.1 0.0 32.9 0.0 18.2 0.0 23.9 0.0 35.4 0.0 28.9	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 3 58 3 58	2 10 12 12 12 9 12 5	26 8 50 50 48 50 3	101 66 100 100 100 75 5	86 100 100 100 70 101 36 100 100 100	42 17 68 67 17 68 17 67 67 67	0.85 1.52 1.00 0.70 1.35 7.20	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcoholk@homebrewinguk.com Arcoholk@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.059 1.015 1.059 1.015 1.059 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.040 1.014	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5	26 0.70 33 0.79 33 0.79 39 0.74 0.00 46 0.01 33 0.66 33 0.60 4.140 60 1.01 33 0.69 24 0.38 35 0.62 31 0.78	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34 0.66	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 28.8 0.0 28.8 0.0 33.2 0.0 74.1 0.0 59.5 0.0 32.9 0.0 32.9 0.0 35.4 0.0 35.4 0.0 35.4	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 58 3 58 3 58 0 59	2 10 12 12 9 12 5	26 8 50 50 48 50 3	101 66 100 100 100 75 5	86 100 100 100 70 101 36 36	42 17 68 67 17 68 17 67 67 67 67 68 68	0.85 1.52 1.00 1.00 0.70 1.35 7.20	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat2@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 6.4 4.7 6.4 4.6 4.6 4.6	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.057 1.016 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5	26 0.70 33 0.79 33 0.79 33 0.76 39 0.74 0 0.00 46 0.61 33 0.50 74 1.40 60 1.01 35 0.61 35 0.61 35 0.62 31 0.78 34 0.70 32 0.68 34 0.70 32 0.68	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34 0.67 0.68 0.66 0.65 0.65	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 2.0.0 32.2 2.0.0 38.8 0.0 28.8 0.0 28.8 0.0 5.0 74.1 0.0 59.5 0.0 32.9 0.0 23.9 0.0 23.9 0.0 34.3 0.0 32.3 0.0 34.3 0.0 36.0 32.3 0.0 16.0 16.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58	2 10 12 12 9 12 5 5	26 8 50 50 50 50 3 3 50 50 50 50 50 50	101 66 100 100 100 75 5	86 100 100 100 70 101 36 100 100 100 100 100	42 17 68 67 17 68 17 67 67 67 67 67 67 67 68 68 67 67	1.00 1.00 1.00 1.35 7.20 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Clibit@homebrewinguk.com Clibit@homebrewinguk.com Glibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.094 1.008 1.066 1.017 1.053 1.015 1.059 1.015 1.059 1.015 1.059 1.015 1.059 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.049 1.013 1.059 1.016 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.010	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 41.5 58.5 58.5	26 0.70 33 0.79 33 0.79 33 0.79 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01 33 0.69 24 0.38 35 0.61 33 0.69 24 0.70 31 0.78 34 0.70 32 0.68 16 0.56 34 0.75 39 0.66	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34 0.67 0.68 0.66 0.65 0.61 0.75 0.70	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 2.0.0 32.8 0.0 32.8 0.0 0.0 28.8 0.0 33.2 2.0.0 74.1 0.0 59.5 0.0 35.4 0.0 28.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 28.9 0.0 34.3 0.0 32.3 0.0 36.0 32.3 0.0 36.0 28.9 0.0 29.0 0.0 29.	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0 1 58 1 55 5 35 6 5 7 13 8 5 8 5 9 6 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9	2 10 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 5 5 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100	42 17 68 67 17 17 67 67 68 68 68 68 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 175.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout	Ragondingue Craft Beer Cibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com Beer Cat20@homebrewinguk.com Cibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Cibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.7 5.5 6.4 4.6 4.6	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.004 1.044 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.048 1.014 1.049 1.014 1.045 1.010 1.059 1.004	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 41.5 58.5 59.5 71.5	26 0.70 33 0.79 33 0.79 39 0.74 0.00 46 0.61 33 0.66 33 0.66 1.01 35 0.61 35 0.61 35 0.62 31 0.78 32 0.68 34 0.79 32 0.68	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.34 0.66 0.66 0.66 0.66 0.65	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 21.5 0.0 38.8 0.0 0.0 28.8 0.0 38.0 0.0 74.1 0.0 59.5 0.0 18.2 0.0 23.9 0.0 35.4 0.0 23.9 0.0 34.3 0.0 32.3 0.0 34.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.3 0.0 32.8 9.0 0.0 28.9	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 0 1 58 3 58 3 58 3 58 3 58 3 58 5 75 5 88 5 75 5 88 6 75 7 75 7 75 8	2 10 12 12 9 12 5 5	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50	101 66 100 100 100 75 5 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100	42 17 68 67 17 68 17 67 67 67 67 67 68 68 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout 16B Oatmeal Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) v2 Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ale No Dalber Coffee Oatmeal Stout Bath Ale S Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Clibit@homebrewinguk.com Glibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.6 4.6 4.6 4.6 4.6 4.7 4.7 4.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.07 1.019 1.07 1.07 1.07 1.07 1.07 1.07 1.07 1.07	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 41.5 58.5 59.5	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01 33 0.61 33 0.62 24 0.38 35 0.62 31 0.78 34 0.70 32 0.68 16 0.56 34 0.75 39 0.66 33 0.66 25 0.59 35 0.73	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.70 0.70 0.69 0.70 0.70 0.80 0.70 0.80 0.70 0.80 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 2.0.0 32.2 2.0.0 38.8 0.0 0.0 28.8 0.0 33.2 2.0.0 74.1 0.0 59.5 0.0 35.4 0.0 28.9 0.0 34.3 0.0 35.4 0.0 28.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 32.3 0.0 32	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0 1 1 58 1 3 3 5 8 3 58 0 59 1 59 5 58 2 58 0 58 2 58	2 10 12 12 9 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50	101 66 100 100 75 5	86 100 100 100 100 70 101 36 100 100 100 100 100 100 100	42 17 68 67 17 67 67 67 67 68 68 68 68 67 67 67	0.85 1.52 1.00 1.00 1.00 1.35 7.20 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 170.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (slone) Simple Stout Simple Stout Simple Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com The Thirsty Otter	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 3.3 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.048 1.013 1.029 1.004 1.048 1.013 1.059 1.016 1.049 1.013 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.015 1.059 1.000	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 58.5 59.5 71.5 50.0 81.5 72.5 77.0	26 0.70 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.66 33 0.66 33 0.60 74 1.40 60 1.01 33 0.69 24 0.38 35 0.62 31 0.78 34 0.70 32 0.68 16 0.56 16 0.56 39 0.66 33 0.66 33 0.65	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.58 0.66 0.34 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.65 0.70 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 38.8 0.0 39.0 0.0 74.1 0.0 59.5 0.0 38.4 0.0 32.9 0.0 35.4 0.0 28.9 0.0 32.9 0.0 35.4 0.0 28.9 0.0 32.3 0.0 28.9 0.0 32.3 0.0 28.9 0.0 32.3 0.0 28.9 0.0 28.9 0.0 28.9 0.0 28.9 0.0 28.9 0.0 28.9 0.0 28.9 0.0 28.9 0.0 27.9 0.0 27.9 0.0 15.2	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 0 1 58 3 58 3 58 3 58 0 59 1 59 5 58 2 58 3 58	2 10 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 5 5 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100	42 17 68 67 17 17 67 67 68 68 68 68 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 175.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B6L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) v2 Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcoholx@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com CspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.7 4.7 4.3 4.9 5.0 5.0 5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.062 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.049 1.013 1.029 1.004 1.045 1.010 1.059 1.010 1.049 1.013 1.029 1.004 1.045 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.048 1.011	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 67.5 145.0 67.5 83.5 78.0 58.5 41.5 58.5 59.5 59.5 71.5 50.0 81.5 72.5 77.0 63.5 77.5	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.50 74 1.40 60 1.01 33 0.69 24 0.38 35 0.62 31 0.78 34 0.70 32 0.68 16 0.56 34 0.75 39 0.66 33 0.66 25 0.59 39 0.66 33 0.66 25 0.59 35 0.73 39 0.75 45 0.98	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.34 0.66 0.65 0.66 0.65 0.65 0.63 0.70 0.63 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 2.0.0 32.2 3.0.0 38.8 0.0 30.0 28.8 0.0 33.2 2.0.0 74.1 0.0 59.5 0.0 38.4 0.0 28.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 34.3 0.0 32.9 0.0 35.1 0.0 35.1 0.0 39.0 0.0 35.1 0.0 39.0 0.0 35.1 0.0 39.0 0.0 35.8 0.0 0.0 35.8 0.0 0.0 37.8 0.0 0.0 37.8 0.0 0.0 37.8 0.0 0.0 37.9 0.0 0.0 35.1 0.0 39.0 0.0 35.1 0.0 37.0 0.0 37.0 0.0 37.0 0.0 37.0 0.0 37.8 0.0 0.0 27.8	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 0 59 1 59 5 58 0 59 1 59 5 58 6 68 6 7 7 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9	2 10 12 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50	101 66 100 100 75 5 100 100 100 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100	42 17 68 67 17 67 67 67 67 68 68 68 67 68 67 68	0.85 1.52 1.00 1.00 0.70 1.35 7.20 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (slone) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Glibit@homebrewinguk.com Alcoholx@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter	All Grain	3.5 4.3 4.2 5.1 5.8 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 3.3 4.6 6.4 4.7 4.7 4.9 5.0 4.9 5.0 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.013 1.062 1.018 1.075 1.019 1.094 1.008 1.055 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.049 1.013 1.057 1.008 1.049 1.013 1.059 1.010 1.049 1.013 1.029 1.004 1.049 1.013 1.059 1.010 1.049 1.013 1.059 1.010 1.049 1.013 1.059 1.010 1.048 1.011 1.0552 1.014 1.046 1.012 1.048 1.010 1.048 1.010 1.048 1.010 1.048 1.010 1.048 1.010	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 58.5 59.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 63.5 72.5 73.0 63.5 74.0 63.5 75.5 76.5 77.5 78.0 64.5 78.0 65.5 78.0 67.5	26 0.70 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.66 33 0.66 1.01 33 0.69 24 0.38 35 0.62 31 0.78 32 0.68 16 0.50 34 0.75 39 0.66 33 0.66 33 0.66 33 0.69 34 0.75 39 0.66 30 0.69 30 0.68 31 0.75 39 0.66 30 0.69 30 0.68	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.34 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.70 0.70 0.63 0.70 0.63 0.70 0.63 0.70 0.64 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.70 0.65 0.70 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 32.2 0.0 38.8 0.0 0.0 28.8 0.0 33.2 0.0 74.1 0.0 59.5 0.0 38.4 0.0 23.9 0.0 23.9 0.0 23.9 0.0 24.9 0.0 25.9 0.0 25.9 0.0 35.4 0.0 28.9 0.0 35.4 0.0 28.9 0.0 35.4 0.0 28.9 0.0 35.4 0.0 28.9 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.4 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.3 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0 1 1 1 58 3 58 3 58 3 58 0 59 1 59 5 58 2 58 0 58 2 58 0 58 2 58 0 5	2 10 12 12 9 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 75 5 100 100 100 100 100 100 100 100 100	86 100 100 100 70 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 17 67 67 67 68 68 68 67 68 68	0.85 1.52 1.00 1.00 0.70 1.35 7.20 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00 200.00
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15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Ory Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Glibit@homebrewinguk.com Alcoholx@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Gheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 4.7 5.5 6.4 4.7 4.6 4.6 4.6 4.6 4.7 4.7 5.5 5.0 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.062 1.013 1.07 1.019 1.099 1.008 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.049 1.013 1.059 1.010 1.049 1.013 1.029 1.004 1.049 1.013 1.059 1.010 1.059 1.010 1.049 1.013 1.059 1.010 1.049 1.013 1.049 1.013 1.049 1.013 1.049 1.013 1.049 1.013 1.048 1.010 1.048 1.014 1.048 1.010 1.048 1.010 1.048 1.010 1.048 1.010 1.048 1.010 1.065 1.017 1.061 1.010 1.051 1.016	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 58.5 59.5 59.5 57.5 50.0 81.5 72.5 77.0 63.5 71.5 63.5 72.5 73.0 63.5 74.5 74.5 75.5 76.5 77.5	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 0 0.00 46 0.61 33 0.66 33 0.50 74 1.40 60 1.01 33 0.69 24 0.38 35 0.61 33 0.69 24 0.38 35 0.62 31 0.78 34 0.70 32 0.68 16 0.56 33 0.66 35 0.73 39 0.75 39 0.75 39 0.75 39 0.73	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.34 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.70 0.63 0.70 0.63 0.70 0.63 0.70 0.64 0.65 0.65 0.65 0.66 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.65 0.70 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 2.0.0 32.2 3.0.0 38.8 0.0 3.0.0 38.8 0.0 39.2 3.0 39.2 3.0 39.2 3.0 39.2 3.0 39.0 39.0 39.0 39.0 39.0 39.0 39.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 0 58	2 10 12 12 9 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50	101 66 100 100 75 5 100 100 100 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 67 68 68 67 67 67 68 68 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout Value Sumt-20181112 Steeped Roasted Grain Abbot Ale (clone)	Ragondingue Craft Beer Clibt@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibt@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibt@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GhW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.6 4.6 4.7 4.7 5.7 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.049 1.018 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.059 1.011 1.057 1.008 1.049 1.013 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.014 1.015 1.016 1.016 1.017 1.068 1.017 1.061 1.016 1.061 1.017 1.061 1.017 1.061 1.017 1.067 1.009 1.077 1.009	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 68.5 78.0 67.5 58.5 78.0 58.5 71.5 50.0 81.5 72.5 77.0 63.5 77.5 50.0 81.5 77.5 50.0 81.5 70.5 50.0 81.5 70.5 50.0 81.5 70.0 70.5 70.0 70.5 70.0	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 40 0.61 33 0.66 33 0.66 33 0.66 33 0.60 33 0.60 35 0.61 33 0.69 35 0.61 33 0.69 35 0.62 31 0.78 32 0.68 16 0.56 31 0.75 39 0.66 39 0.66 39 0.75 40 0.88 30 0.69 34 0.75 39 0.75 45 0.98 30 0.63 30 0.69 34 0.52 0 0.00 38 0.69 38 0.69 38 0.69 38 0.69	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.58 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.79 0.79 0.70 0.63 0.79 0.70 0.63 0.70 0.64 0.65 0.64 0.65 0.65 0.60 0.73 0.72 0.73 0.72 0.73 0.73 0.79 0.73 0.79 0.79 0.64 0.56 0.50 0.70 0.62 0.88	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 21.5 0.0 38.8 0.0 32.9 0.0 23.9 0.0 23.9 0.0 23.9 0.0 23.9 0.0 25.0 0.0 35.4 0.0 26.0 35.4 0.0 27.8 0.0 27.9 0.0 35.1 0.0 27.9 0.0 35.1 0.0 27.9 0.0 35.1 0.0 37.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 0 59 1 59 1 59 1 59 2 58 3 58 0 59 1 59 1 59 5 58 2 58 3 58 0 58 0 59 1 59 5 58 2 58 3 58 0 58 2 58 3 58 2 58 3 58 2 58 3 58 2 58 3 58 2 58 3 58 3 58 2 58 3 58 2 58 3 58 3 58 2 58 3 58 3 58 2 58 3 58 3 58 3 58 2 58 3 58 3 58 2 58 3 58 3 58 2 58 3 58 3 58 2 58 3 58 3 58 3 58 2 58 3 58 3 58 3 58 3 58 2 58 3	2 10 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 67 68 68 67 68 67 68 67 68 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Bri It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Beanies Double Chocolate Coffee Oatmeal Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout White Stout White Stout White Stout White Stout Very Stout Sto	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.7 4.3 4.6 6.4 4.7 4.6 6.4 4.7 4.6 6.4 4.7 4.6 6.4 4.6 6.4 4.6 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.075 1.019 1.075 1.019 1.075 1.019 1.075 1.019 1.075 1.016 1.075 1.016 1.075 1.016 1.075 1.016 1.075 1.016 1.075 1.016 1.075 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.075 1.073 1.075 1.073 1.075 1.073 1.075 1.073 1.075 1.073 1.075 1.075 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.077 1.075 1.073 1.075 1.073 1.075 1.073 1.075 1.073 1.075 1.073	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 58.5 58.5 59.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 63.5 72.5 73.0 63.5 74.0 75.5 76.0 76.5 77.5	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0.00 46 0.61 33 0.66 0.51 33 0.69 33 0.69 33 0.60 1.01 35 0.61 33 0.69 34 0.70 32 0.68 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 30 0.59 35 0.73 39 0.66 25 0.59 36 0.73 39 0.66 26 0.59 37 0.75 38 0.69 38 0.75 39 0.66 30 0.59 30 0.63	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.70 0.63 0.59 0.72 0.70 0.63 0.59 0.70 0.70 0.63 0.56	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 21.5 0.0 38.8 6.0 0.0 0.0 33.2 0.0 35.4 0.0 32.3 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 33.3 0.0 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 3 4 0 0 1 1 58 3 58 0 59 1 59 1 59 1 59 2 58 2 58 0 58 0 58 0 58 2 58 0 5	2 10 12 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 5 5 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 68 68 68 67 68 68 67 67 67 67 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout White Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XXXX (1878) Billy de Jeune No. 1 (1879)	Ragondingue Craft Beer Clibt @homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibt@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Ronald Pattinson Rob J The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.6 3.3 4.6 6.4 4.7 4.7 5.5 6.4 4.6 6.4 4.6 6.4 4.7 4.7 5.0 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.059 1.015 1.057 1.016 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.016 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.040 1.014 1.048 1.013 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.059 1.010 1.050 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.053 1.013 1.054 1.003 1.054 1.003 1.057 1.050	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 145.0 1	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.66 33 0.66 33 0.66 35 0.61 33 0.69 24 0.38 35 0.61 33 0.69 24 0.38 35 0.62 31 0.78 35 0.62 31 0.78 36 0.69 37 0.75 39 0.66 30 0.63 30 0.69 31 0.78 34 0.75 39 0.66 30 0.63 30 0.66 31 0.75 39 0.66 30 0.60 30 0.63 30 0.66 31 0.70 32 0.68 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 35 0.73 39 0.75 45 0.98 36 0.63 37 0.75 38 0.74 28 0.60 38 0.60 59 0.90 10 0.00 11 0.90 11 0.90 11 0.90 11 11 13	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.54 0.67 0.68 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.64 0.50 0.50 0.70 0.62 0.88	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 3.0 38.8 0.0 3.0 38.8 0.0 3.0 0.0 38.0 0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 0 58 1 1 58 0 58 0 59 1 59 5 58 0 58	2 10 12 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 5 5 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 68 68 68 67 68 68 67 67 67 67 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout Abot Ale (clone) Adnams - XXX (1878) Billy de Jeune No.1 (1879) Burton Ale Fuller's Brewery - 1845 (clone)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter The Mait Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com The Thirsty Otter The Mait Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robotr@hombrewinguk.com Robotr@hombrewinguk.com Robotr@hombrewinguk.com Robotr@hombrewinguk.com Robotr@hombrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.7 5.0 6.4 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.7 5.0 6.4 4.7 5.0 6.4 4.7 7.0 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.048 1.013 1.059 1.016 1.049 1.013 1.049 1.014 1.048 1.013 1.059 1.004 1.048 1.013 1.049 1.014 1.041 1.045 1.010 1.059 1.010 1.048 1.011 1.051 1.014 1.048 1.011 1.052 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.051 1.014 1.051 1.015 1.051 1.014 1.051 1.015 1.051 1.017 1.051 1.018 1.053 1.013 1.053 1.013 1.054 1.003 1.054 1.007 1.071 1.020 1.071 1.020 1.075 1.017	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 67.5 83.5 78.0 67.5 83.5 77.0 63.5 71.5 58.5 71.5 59.5 71.5 69.5 71.5 71.5 69.5 71.5 71.5 72.5 73.5 73.5 74.5 75.5	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0.61 33 0.66 33 0.66 33 0.66 1.01 33 0.69 24 0.38 35 0.61 33 0.69 24 0.38 35 0.62 31 0.78 32 0.68 16 0.56 31 0.78 32 0.68 16 0.56 25 0.59 35 0.73 39 0.66 25 0.59 35 0.73 39 0.66 30 0.69 30 0.63 30 0.69 30 0.63 31 0.75 45 0.98 30 0.63 31 0.75 45 0.98 30 0.69 30 0.69 30 0.69 30 0.69 30 0.69 30 0.69 31 0.74 28 0.60 38 0.74 28 0.60 38 0.74 28 0.60 39 0.69 31 0.79 31 0.79 32 0.69 33 0.69 34 0.50 39 0.69 30 0.69 30 0.69 30 0.69 31 0.79 32 0.69 33 0.69 34 0.50 38 0.74 38 0.74 38 0.60 39 0.60 30 0.69 30 0	0.67 0.80 0.74 0.72 0.70 0.59 0.7 0.48 1.32 0.98 0.66 0.63 0.67 0.68 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.65 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.64 0.56 0.50 0.70 0.62 0.88 0.94 1.33 1.42 0.77	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 32.0 0.0 33.8 0.0 32.9 0.0 35.4 0.0 28.9 0.0 35.4 0.0 32.3 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1 0.0 32.9 0.0 35.1	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 3 58 58 2 58 3 58 2 58 3 58 2 58 3 58 2 58 3 58 5 58 2 58 3 58 5 58	2 10 12 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 5 5 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 68 68 68 67 68 68 67 67 67 67 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220722) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XX (1878) Adnams - XXXK (1878) Billy de Jeune No. 1 (1879) Burton Ale	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcoholx@homebrewinguk.com Alcoholx@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com AdrianDBW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com RobJ / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Robert@hombrewinguk.com EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com Robert@hombrewinguk.com Robert@hombrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.6 3.3 4.6 6.4 4.7 4.7 5.5 6.4 4.6 6.4 4.6 6.4 6.4 6.7 6.7 6.3 6.7 6.3 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.048 1.013 1.059 1.016 1.049 1.013 1.049 1.014 1.048 1.013 1.059 1.004 1.048 1.013 1.049 1.014 1.041 1.045 1.010 1.059 1.010 1.048 1.011 1.051 1.014 1.048 1.011 1.052 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.051 1.014 1.051 1.015 1.051 1.014 1.051 1.015 1.051 1.017 1.051 1.018 1.053 1.013 1.053 1.013 1.054 1.003 1.054 1.007 1.071 1.020 1.071 1.020 1.075 1.017	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 83.5 78.0 58.5 41.5 58.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 50.0 81.5 72.5 73.0 81.5 74.0 81.5 75.5 76.0 81.5 76.0 81.5 76.5 77.5 77.0 81.5 81.5	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 0 0.00 46 0.61 33 0.66 33 0.66 33 0.66 33 0.69 24 0.38 35 0.61 33 0.69 24 0.38 35 0.62 31 0.78 32 0.68 16 0.56 33 0.66 33 0.66 33 0.66 34 0.75 39 0.66 33 0.66 33 0.66 33 0.66 0.56 33 0.66 0.56 0.73 39 0.66 33 0.66 0.56 0.93 0.66 0.59 0.70 0.00 0.00 0.59 0.40 0.59 0.60 0.60 0.60 0.60 0.60 0.60 0.60 0.6	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 1.32 0.98 0.66 0.63 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.70 0.63 0.59 0.72 0.95 0.72 0.95 0.73 0.70 0.60 0.60 0.60 0.60 0.60 0.60 0.60	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 32.2 0.0 3.8.8 8.0 0.0 28.8 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.1 0.	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 44 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 10 12 12 9 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 5 5 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 68 68 68 67 68 68 67 67 67 67 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout 16B Oatmea	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi Bsi. Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XXX (1878) Billy de Jeune No.1 (1879) Burton Ale Fuller's Brewery - 1845 (clone)	Ragondingue Craft Beer Clibt@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibt@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibt@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GhW@homebrewinguk.com GhW@homebrewinguk.com GhW@homebrewinguk.com GhW@homebrewinguk.com GhW@homebrewinguk.com Cheshire Gal@homebrewinguk.com The Thirsty Otter The Matt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robert@hombrewinguk.com Robald Pattinson EspeciallyBitter@homebrewinguk.com Robald Pattinson Grant Walker / The Malt Miller	All Grain	3.5 4.3 4.2 5.1 5.4 6.4 5.0 5.8 5.4 4.7 5.6 6.4 4.7 4.7 5.6 6.4 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.7 4.7 5.6 6.4 4.7 4.7 5.6 6.4 4.7 4.7 5.6 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.059 1.010 1.049 1.013 1.059 1.010 1.048 1.013 1.059 1.010 1.049 1.013 1.051 1.014 1.052 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.052 1.014 1.055 1.017 1.061 1.010 1.051 1.014	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 15.5 59.5 71.5 50.0 81.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 4 0.61 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.69 34 0.73 35 0.61 33 0.69 36 0.62 31 0.78 32 0.68 16 0.56 31 0.78 32 0.68 16 0.56 35 0.62 31 0.78 39 0.66 31 0.78 39 0.66 31 0.79 32 0.68 16 0.56 25 0.59 37 0.75 39 0.66 31 0.75 39 0.66 31 0.75 39 0.75 40 0.75 39 0.75 40 0.75 41 0.75 42 0.75 45 0.79 46 0.75 47 0.75 48 0.75 49 0.75 49 0.75 40 0.75 41 0.75 41 0.75 42 0.75 45 0.79 46 0.75 47 0.75 48 0.66 49 0.75 49 0.75 40 0.75 41 0.75 42 0.75 45 0.79 46 0.75 47 0.75 48 0.66 49 0.75 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.79 46 0.75 47 0.75 48 0.69 48 0.60	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.58 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.79 0.70 0.63 0.70 0.64 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.79 0.70 0.63 0.79 0.70 0.70 0.70 0.70 0.70 0.70 0.70	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 3.0 38.8 0.0 3.0 23.9 0.0 35.4 0.0 28.9 0.0 27.9 0.0 27.9 0.0 27.9 0.0 27.9 0.0 27.9 0.0 35.1 0.0 27.9 0.0 35.1 0.0 35.0 0.0 0.0 35.0 0.0 0.0 35.0 0.0 0.0 35.0 0.0 0.0 35.0 0.0 0.0 35.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 2 58 0 58 1 58 1 58 1 58 1 58 1 58 1 58 1 58 1	2 10 12 12 9 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	100 100 100 100 100 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 67 17 67 67 67 67 68 68 67 67 68 67 67 68 68 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout 16B Oa	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Bri It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XXCK (1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller's Brewery - 108E (1939) Paul Wicksteed - Peculiar One	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Ronald Rolled Ronald Rolled	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 3.3 4.6 6.4 4.7 5.0 5.8 5.8 5.4 4.7 5.5 6.4 4.7 5.0 6.4 4.7 5.0 6.4 4.7 5.0 6.4 4.7 5.0 6.4 4.7 5.0 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.5 6.6 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.059 1.010 1.049 1.013 1.059 1.010 1.048 1.013 1.059 1.010 1.049 1.013 1.051 1.010	66.5 68.0 76.5 94.0 78.0 87.5 74.0 78.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 145.0 150.0	26 0.70 33 0.79 33 0.79 33 0.79 39 0.74 0.00 46 0.61 33 0.66 0.51 33 0.66 1.01 35 0.61 33 0.69 34 0.70 32 0.68 34 0.70 32 0.68 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 36 0.56 37 0.75 38 0.66 25 0.59 36 0.73 37 0.75 38 0.66 25 0.79 37 0.75 38 0.75 39 0.75 40 0.75 41 0.79 41 0.75 42 0.75 45 0.78 47 0.79 48 0.79 48 0.79 49 0.75 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.78 46 0.79 47 0.75 48 0.75 49 0.75 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.78 46 0.79 47 0.75 48 0.75 49 0.75 49 0.75 40 0.80	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.71 0.70 0.63 0.72 0.70 0.70 0.70 0.70 0.70 0.70 0.70	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 32.2 0.0 0.0 45.8 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 4 44 5 35 4 44 5 13 3 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 0 58 0 58 0 58 0 59 1 1 58 0 58	2 10 12 12 9 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 75 5 100 100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	42 17 68 67 17 67 67 67 67 68 68 67 67 67 68 68 67 67 68 68 17 42	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 175.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal St	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-2020/702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi BsL Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout VAlter Stout VAlter Stout VAlter Stout Valter (clone) Adnams - XXXX (1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Rob J The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robas Jerlebo Ronald Pattinson EspeciallyBitter@homebrewinguk.com	All Grain	3.5 4.2 4.2 5.1 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.6 3.3 4.6 6.4 4.7 4.7 5.5 6.4 4.6 6.4 4.6 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.059 1.015 1.057 1.016 1.059 1.015 1.057 1.016 1.049 1.018 1.063 1.021 1.057 1.008 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.059 1.010 1.059 1.010 1.049 1.013 1.051 1.014 1.052 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.053 1.013 1.054 1.003 1.065 1.017 1.069 1.019 1.069 1.019 1.066 1.010 1.069 1.019 1.074 1.009 1.070 1.019 1.069 1.019 1.054 1.013 1.066 1.017 1.069 1.019	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 67.5 145.0 67.5 145.0 67.5 78.0 58.5 78.0 58.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 50.0 81.5 72.5 77.0 63.5 71.5 50.0 81.5 72.5 73.0 81.5 74.0 75.5 83.5 76.0 83.5 77.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.0 83.5 78.5 59.5 71.5 50.0 81.5 72.5 77.0 63.5 77.5 61.5 69.5 59.5 59.5 59.5 59.5 59.5 71.5 50.0 81.5 72.5 77.0 63.5 77.5 61.5 69.5 59.5 59.5 59.5 59.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 59.5 71.5 69.5 71.5 69.5 71.5 71.5 69.5 71.5 72.5 77	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 0.00 46 0.61 33 0.66 33 0.66 33 0.66 33 0.69 35 0.61 33 0.69 36 0.62 31 0.78 32 0.68 31 0.78 32 0.68 33 0.69 34 0.70 32 0.68 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 35 0.73 39 0.75 45 0.78 39 0.75 45 0.79 36 0.60 66 0.93 37 0.79 38 0.74 28 0.60 61 1.13 58 0.82 62 0.88 61 0.96 61 1.13 61 0.96 61 1.13 62 0.88 62 0.88 62 0.88 62 0.88 63 0.56 63 0.79 64 0.56 64 0.93 65 0.93	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.54 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.64 0.50 0.50 0.70 0.62 0.88 0.94 1.33 1.42 0.76 0.76 0.53 0.59 0.70 0.72 0.72 0.73 0.72 0.73 0.72 0.75 0.70 0.73 0.75 0.70 0.73 0.75 0.70 0.73 0.75 0.70 0.73 0.75 0.70 0.73 0.75 0.70 0.70 0.73 0.70 0.73 0.70 0.73 0.70 0.73 0.70 0.70	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 38.0 0.0 38.0 0.0 38.0 0.0 0.0 59.5 0.0 18.2 0.0 38.4 0.0 23.9 0.0 16.0 0.0 24.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 35.1 0.0 0.0 35.3 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.1 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.3 0.0 0.0 35.9 0.0 26.1 0.0 0.0 55.7 0.0 36.3 0.0 0.0 55.7 0.0 36.3 0.0 0.0 55.7 0.0 36.3 0.0 0.0 55.7 0.0 55.7 0.0 55.7 0.0 55.7 55.9 0.0 55.7 55	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 1 1 2 58 0 58 1 58 1 58 1 58 1 58 1 58 1 58 1 58 1	2 10 12 12 12 5 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 75 5 100 100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100 100 100	42 17 17 68 68 17 67 67 67 68 68 67 67 67 68 68 67 67 67 67 67 68 68 67 67 67 67 67 67 67 67 68 68 67 67 67 67 67 68 68 68 67 67 68 68 68 68 68 68 68 68 68 68 68 68 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout 17B Oatmeal Stout 17A British Strong Ale 17B Old Ale	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthady Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout t Simple Stout t Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Braekfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout Abot Ale (clone) Adnams - XX (1878) Adnams - XX (1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller's Brewery - OBE (1939) Paul Wicksteed - Peculiar One Robert Younger - Strong Ale (1960) Stronghjort v1 William Younger No. 1 (1943) Clibston's Old & Peculier Eyes on the Prize v1 Gales Prize Old Ale (1989)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Geoffrey Shread Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Mait Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Newalt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robat Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robat Pithinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.7 5.0 6.4 4.7 7.5 6.4 4.6 6.4 4.6 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.041 1.018 1.059 1.016 1.049 1.013 1.059 1.004 1.044 1.013 1.029 1.004 1.048 1.013 1.049 1.014 1.045 1.010 1.048 1.011 1.051 1.016 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.051 1.014 1.055 1.017 1.061 1.017 1.061 1.018 1.071 1.009 1.070 1.019 1.053 1.013 1.054 1.003 1.054 1.003 1.055 1.017 1.069 1.019 1.069 1.019 1.070 1.019 1.055 1.017 1.066 1.017 1.066 1.017 1.066 1.017 1.067 1.013 1.066 1.017 1.055 1.011 1.070 1.013 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.017 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.070 1.013	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 67.5 83.5 78.0 81.5 77.0 63.5 71.5 58.5 59.5 71.5 58.5 59.5 71.5 58.5 59.5 71.5 58.5 72.5 71.5 15.0 93.5 25.0 20.0 11.4 25.5 37.0 10.2 71.5 14.8 34.0 35.0 57.5 40.5	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 0.60 0.00 46 0.61 33 0.66 33 0.66 1.01 33 0.69 24 0.38 35 0.61 33 0.69 34 0.79 32 0.68 16 0.56 31 0.78 32 0.68 16 0.56 33 0.69 34 0.75 39 0.66 25 0.59 35 0.73 39 0.66 25 0.59 35 0.73 39 0.66 31 0.79 32 0.68 31 0.76 32 0.68 33 0.69 34 0.75 35 0.79 36 0.66 37 0.79 38 0.75 45 0.98 38 0.74 28 0.60 38 0.74 28 0.60 38 0.74 28 0.60 38 0.74 28 0.60 38 0.74 28 0.60 38 0.74 28 0.60 39 0.59 31 0.79 32 0.68 31 0.79 32 0.69 33 0.69 34 0.59 35 0.79 36 0.69 37 0.79 38 0.74 38 0.74 38 0.74 38 0.82 48 0.88 52 0.79 38 0.56 51 0.96 51 0.96 52 0.79 38 0.50 51 0.96 52 0.79 38 0.50 51 0.96 52 0.79 38 0.50 51 0.96 52 0.79 53 0.53 54 0.51 55 0.79 55 0.79 56 0.79 57 0.53 58 0.56 59 0.53	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.34 0.67 0.68 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.64 0.50 0.70 0.62 0.88 0.94 1.33 1.42 0.77 0.92 0.76 0.53 0.52 0.38 0.53 0.42 0.77	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 38.8 0.0 0.0 38.8 0.0 26.8 0.0 38.0 0.0 38.8 0.0 38.9	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 1 59 1 59 5 58 1 58 0 58 1 58 0 59 1 59 5 58 1 58 0 58 0 58 1 58 0 58 0 58 1 58 0 58 0 58 0 58 0 58 0 58 0 58 0 58 0	2 10 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	100 100 100 100 100 100 100 100 100 100	42 17 68 68 67 17 67 67 68 68 68 67 67 67 68 68 67 67 68 68 67 67 68 68 67 67 68 68 67 67 67 68 68 67 67 67 68 68 67 67 67 67 67 67 67 67 67 67 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 176.00 176.00 176.00 176.00 200.00 175.00 175.00 175.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal St	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v3 Simple Stout V3 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XX(1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Ceoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Ronald Pattinson Ronald Pattinson Geoffrey Shread The Thirsty Otter For Halt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Geoffre@homebrewinguk.com Robert@hombrewinguk.com Robert@hombrewinguk.com Robert@hombrewinguk.com Robald Pattinson Grant Walker / The Malt Miller Ronald Pattinson Grant Walker / The Malt Miller	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.6 4.7 5.0 6.4 4.6 6.4 4.7 6.3 4.6 6.4 4.7 6.3 6.7 6.3 6.7 6.7 6.3 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.041 1.018 1.059 1.016 1.049 1.013 1.059 1.004 1.044 1.013 1.029 1.004 1.048 1.013 1.049 1.014 1.045 1.010 1.048 1.011 1.051 1.016 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.051 1.014 1.055 1.017 1.061 1.017 1.061 1.018 1.071 1.009 1.070 1.019 1.053 1.013 1.054 1.003 1.054 1.003 1.055 1.017 1.069 1.019 1.069 1.019 1.070 1.019 1.055 1.017 1.066 1.017 1.066 1.017 1.066 1.017 1.067 1.013 1.066 1.017 1.055 1.011 1.070 1.013 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.017 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.055 1.011 1.070 1.013	66.5 68.0 76.5 94.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 145.0 145.0 145.0 150.0 1	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 33 0.76 39 0.74 30 0.00 46 0.61 33 0.66 60 1.01 35 0.61 33 0.69 24 0.38 35 0.62 31 0.78 32 0.68 34 0.70 32 0.68 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 30 0.50 30 0.69 31 0.78 31 0.78 32 0.68 34 0.79 32 0.68 34 0.79 32 0.68 34 0.79 32 0.68 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 30 0.50 31 0.75 32 0.68 32 0.75 33 0.69 35 0.73 36 0.73 37 0.75 38 0.75 39 0.75 45 0.98 45 0.98 56 0.99 57 0.99 58 0.80 58 0.80 59 0.99 51 0.96 52 0.79 53 0.80 55 0.79 56 0.80 56 0.93 57 0.96 58 0.82 58 0.82 59 0.75 58 0.82 59 0.75 58 0.82 59 0.75 58 0.82 59 0.75 59 0.83 50 0.66 50 0.93 51 0.96 52 0.93 53 0.56 53 0.53 54 0.55 55 0.73 56 0.80 57 0.90 58 0.80 58 0.80 59 0.80 59 0.80 50 0.8	0.67 0.80 0.74 0.72 0.70 0.59 0.7 0.48 1.32 0.98 0.66 0.65 0.61 0.75 0.70 0.70 0.63 0.59 0.77 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.70 0.63 0.59 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 32.2 0.0 3.8.8 30.0 3.0 38.8 30.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.3 0.0 32.9 0.0 35.4 0.0 32.9 0.0 35.4 0.0 32.3	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 1 1 1 2 58 3 58 0 58 1 1 1 1 58 0 58 1 1 1 58 0 58 1 1 59 1 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 1 58 1 58 1 58 1 58 1 58 1 58	2 10 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 75 5 100 100 100 100 100 100 100 100 100	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 68 17 67 67 67 67 68 68 67 67 68 68 67 67 68 67 68 67 68 67 67 67 67 67 67 67 67 67 67 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 170.00 170.00 170.00 170.00 170.00 200.00 175.00
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Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout Raspberry Oats Rob's Twisted Stout White Stout Adnams - XXX (1878) Billy de Jeune No.1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Ghillien Geoffrey Shread GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Matt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robert@hombrewinguk.com Robert@hombrewinguk.com Robald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com George Gale's logbook Lan Reid Womble@homebrewinguk.com Graham Wheeler	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.7 4.7 5.0 6.4 4.7 5.0 6.4 4.7 6.4 4.7 6.4 4.7 6.4 4.7 6.4 4.7 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.065 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.049 1.013 1.029 1.004 1.048 1.013 1.029 1.004 1.048 1.013 1.059 1.010 1.049 1.013 1.051 1.010 1.048 1.011 1.052 1.014 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.051 1.010 1.053 1.013 1.054 1.003 1.054 1.003 1.055 1.017 1.066 1.017 1.066 1.017 1.066 1.017 1.067 1.019 1.055 1.014 1.071 1.020 1.055 1.017 1.066 1.017 1.066 1.017 1.067 1.019 1.055 1.011 1.066 1.012 1.074 1.020 1.055 1.011 1.070 1.013 1.066 1.012	66.5 68.0 76.5 94.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 67.5 83.5 78.0 58.5 78.0 58.5 71.5 58.5 71.5 58.5 71.5 58.5 72.5 72.5 72.5 72.5 72.5 72.5 72.5 72	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 4 0.61 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.69 34 0.73 35 0.61 33 0.69 35 0.62 31 0.78 32 0.68 16 0.56 25 0.59 35 0.73 39 0.66 31 0.75 45 0.98 30 0.69 30 0.63 31 0.75 45 0.98 30 0.69 31 0.75 45 0.98 30 0.69 31 0.75 45 0.98 30 0.69 30 0.69 30 0.63 31 0.74 28 0.60 30 0.69 31 0.75 32 0.68 38 0.74 28 0.60 39 0.75 49 0.75 40 0.79 39 0.75 40 0.79 31 0.75 41 0.79 32 0.68 33 0.69 35 0.73 39 0.75 40 0.79 31 0.75 32 0.79 33 0.74 34 0.52 35 0.79 36 0.79 37 0.75 38 0.74 39 0.75 39 0.75 30 0.69 31 0.79 32 0.69 33 0.79 34 0.52 35 0.79 36 0.79 37 0.79 38 0.74 38 0.74 39 0.75 39 0.75 30 0.75 30 0.75 31 0.75 32 0.79 33 0.79 34 0.50 35 0.79 36 0.79 37 0.79 38 0.79 38 0.74 39 0.75 39 0.75 30 0.79 31 0.79 31 0.79 31 0.79 32 0.79 33 0.79 34 0.50 35 0.79 36 0.79 37 0.79 38 0.56 39 0.53 30 0.59	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.63 0.66 0.65 0.61 0.75 0.70 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.70 0.64 0.65 0.65 0.70 0.70 0.62 0.88 0.94 1.33 1.42 0.77 0.92 0.76 0.53 0.53 0.52 0.77 0.79 0.79 0.79 0.79 0.79 0.79 0.79	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 3.0 38.8 0.0 32.9 0.0 35.4 0.0 27.9 0.0 27.9 0.0 27.9 0.0 27.9 0.0 35.1 0.0 32.0 0.0 33.1 0.0 32.0 0.0 33.1 0.0 33.1 0.0 32.0 0.0 32.1 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 2 11 2 58 0 58 1 44 4 42 1 58 2 58 1 58 1 58 1 58 1 58 1 58 1 58 1 58 1	2 10 12 12 9 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 60 100 100 100 100 100 100 100 10	86 100 100 100 100 100 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 68 67 17 67 67 68 68 68 67 67 68 68 17 42 20 69 69 67 67 67 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 170.00 176.00 41.00 200.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal Stout 16B Oa	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout v3 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XX((1878) Adnams - XXX((1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller's Brewery - OBE (1939) Paul Wicksteed - Peculiar One Robert Younger - Strong Ale (1960) Stronghjort v1 William Younger No. 1 (1943) Cilbston's Old & Peculier Eyes on the Prize v1 Gales Prize Old Ale (1989) Misery Lowes Company - Old Ale Old Ale Theakston - Old Peculier (clone) v2 90'- Rhubarba and Ginger Preserve	Ragondingue Craft Beer Cibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com Beer Cat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Cibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Cibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robert@hombrewinguk.com Robart@hombrewinguk.com Robart@hombrewinguk.com Robart@hombrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Consal Pattinson Carant Walker / The Malt Miller Ronald Pattinson Cibit @homebrewinguk.com George Gale's logbook Ian Reid Womble@homebrewinguk.com George@homebrewinguk.com George@homebrewinguk.com George@homebrewinguk.com George@homebrewinguk.com George@homebrewinguk.com George@homebrewinguk.com	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.3 4.6 4.6 4.6 4.7 4.3 4.9 5.0 6.3 4.6 6.4 4.7 4.7 5.0 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.041 1.048 1.013 1.029 1.004 1.048 1.014 1.048 1.013 1.048 1.014 1.048 1.014 1.059 1.016 1.059 1.010 1.051 1.014 1.065 1.017 1.066 1.012 1.066 1.017 1.067 1.013 1.066 1.017 1.055 1.017 1.055 1.017 1.055 1.017 1.055 1.017 1.055 1.017 1.056 1.017 1.057 1.013 1.066 1.017 1.057 1.013 1.069 1.013 1.069 1.015 1.057 1.014 1.060 1.011 1.057 1.014 1.060 1.011	66.5 68.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 67.5 83.5 78.0 81.5 78.0 81.5 78.0 81.5 79.5 10.0 81.5 71.5 59.5 71.5 59.5 71.5 50.0 81.5 77.0 63.5 77.0 63.5 77.0 63.5 77.0 63.5 77.0 63.5 77.0 63.5 77.0 63.5 77.0 63.5 77.5 64.5 69.5 65.5 77.5 65.5 77.5 65.5 77.5 65.5 77.5 66.5 69.5 77.5 66.5 69.5 77.5 66.5 69.5 69.5 69.5 69.5 69.5 69.5 69	26 0.70 33 0.79 33 0.79 33 0.79 33 0.76 0 0.00 46 0.61 33 0.66 0.51 33 0.66 1.01 35 0.61 33 0.69 34 0.70 32 0.68 36 0.62 31 0.78 32 0.68 34 0.79 32 0.68 36 0.73 39 0.66 25 0.59 35 0.73 39 0.66 25 0.59 36 0.73 37 0.75 48 0.82 48 0.60 48 0.70 59 0.73 50 0.63 50 0.73 50 0.73 50 0.63 50 0.73 50 0.63 50 0.73 50 0.63 50 0.73 50 0.63 50 0.73 50 0.63 50 0.74 50 0.88 50 0.79 51 0.96 51 0.96 52 0.79 53 0.66 50 0.79 51 0.96 51 0.96 52 0.79 53 0.66 53 0.66 54 0.97 55 0.66 56 0.97 57 0.66 57 0.97 58 0.66 59 0.66 50 0.66 50 0.66 50 0.66 50 0.66 50 0.66	0.67 0.80 0.74 0.72 0.70 0.59 0.7 0.48 1.32 0.98 0.66 0.65 0.61 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 0.0 45.8 0.0 3.0 38.8 0.0 3.0 38.8 0.0 3.0 0.0 39.8 0.0 39.2 0.0 0.0 35.4 0.0 36.3 0.0 32	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 0 59 1 59 1 59 1 59 1 59 1 59 1 59 1 59 1	2 10 12 12 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	86 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 68 68 67 17 67 68 68 67 67 68 67 67 68 67 67 68 67 67 68 67 67 67 67 67 67 67 67 67 67 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout XBmt-20181112 Steeped Roasted Grain Abbot Ale (clone) Adnams - XXX (1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - OBE (1399) Paul Wicksteed - Peculiar One Robert Younger - Strong Ale (1960) Stronghjort V1 William Younger No. 1 (1989) Misery Loves Company - Old Ale Old Ale Theakston - Old Peculier (clone)	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Alcoholx@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Ronald Pattinson Grant Walker / The Malt Miller Ronald Pattinson	All Grain	3.5 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.6 4.6 4.6 4.6 4.6 4.7 4.3 4.9 5.0 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.3 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.066 1.017 1.053 1.015 1.057 1.016 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.049 1.013 1.063 1.021 1.057 1.008 1.049 1.014 1.048 1.013 1.059 1.016 1.049 1.013 1.059 1.010 1.049 1.013 1.059 1.010 1.059 1.010 1.049 1.013 1.059 1.010 1.049 1.013 1.051 1.014 1.052 1.014 1.051 1.010 1.055 1.011 1.070 1.013 1.066 1.012 1.071 1.013 1.069 1.016 1.077 1.013 1.069 1.016 1.077 1.017 1.057 1.014 1.060 1.011	66.5 68.0 76.5 94.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 145.0 145.0 155.5 155.0 161.5	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 4 0.61 33 0.66 33 0.66 33 0.66 33 0.66 33 0.66 33 0.69 34 0.73 35 0.61 33 0.69 35 0.62 31 0.78 32 0.68 16 0.56 25 0.59 35 0.73 39 0.66 31 0.75 45 0.98 30 0.69 30 0.63 31 0.75 45 0.98 30 0.69 31 0.75 45 0.98 30 0.69 31 0.75 45 0.98 30 0.69 30 0.69 30 0.63 31 0.74 28 0.60 30 0.69 31 0.75 32 0.68 38 0.74 28 0.60 39 0.75 49 0.75 40 0.79 39 0.75 40 0.79 31 0.75 41 0.79 32 0.68 33 0.69 35 0.73 39 0.75 40 0.79 31 0.75 32 0.79 33 0.74 34 0.52 35 0.79 36 0.79 37 0.75 38 0.74 39 0.75 39 0.75 30 0.69 31 0.79 32 0.69 33 0.79 34 0.52 35 0.79 36 0.79 37 0.79 38 0.74 38 0.74 39 0.75 39 0.75 30 0.75 30 0.75 31 0.75 32 0.79 33 0.79 34 0.50 35 0.79 36 0.79 37 0.79 38 0.79 38 0.74 39 0.75 39 0.75 30 0.79 31 0.79 31 0.79 31 0.79 32 0.79 33 0.79 34 0.50 35 0.79 36 0.79 37 0.79 38 0.56 39 0.53 30 0.59	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.63 0.66 0.65 0.61 0.75 0.70 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.79 0.70 0.63 0.70 0.64 0.65 0.65 0.70 0.70 0.62 0.88 0.94 1.33 1.42 0.77 0.92 0.76 0.53 0.53 0.52 0.77 0.79 0.79 0.79 0.79 0.79 0.79 0.79	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 32.2 0.0 32.2 0.0 3.8.3 0.0 3.0 38.3 0.0 17.7 0.0 35.4 0.0 35.0 0.0 35.4 0.0 35.0 0.0 35.4 0.0 35.0 0.0 0.0 0.0 35.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 0 58 2 58 1 1 59 5 58 0 58 1 1 58 0 58 1 1 58 0 58 1 1 58 1 3 3 58 0 58 0 58 1 1 58 1 3 3 58 0 58 1 1 58 1 3 58 0 58 1 1 58 1 58 1 58 1 58 2 58 2 58 3 58 0 58 0 58 0 58 1 58 1 58 1 58 1 58 1 58 2 58 2 68 3 58 0 58 1 7 3 7 4 42 1 58 2 7 5 7 5 7 5 8 5 8 5 8 6 9 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	2 10 12 12 9 9 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	86 100 100 100 100 70 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 68 67 17 67 67 68 68 67 67 68 68 67 67 67 67 67 67 67 68 68 67 67 67 67 67 67 67 67 67 67 67 67 67	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 200.00 176.00 41.00 200.00 125.00 200.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal	Ragondingue Draught - Guinness Clone St Patrick Stout ITBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (Imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthady Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Brü It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout Simple Stout t Simple Stout V2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout Raspberry Oats Rob's Twisted Stout White Stout Adnams - XXX (1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller's Brewery - 1845	Ragondingue Craft Beer Cibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Cibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Cibit@homebrewinguk.com Alcohok@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com GHW@homebrewinguk.com Ronald Pattinson AdrianDBW@homebrewinguk.com EspeciallyBitter@homebrewinguk.com The Thirsty Otter The Mait Miller / mwaite36 Geoffrey Shread GHW@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Cheshire Cat@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robat Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robat Huolihan David Edgeley Ronald Pattinson EspeciallyBitter@homebrewinguk.com Robat Pithinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson EspeciallyBitter@homebrewinguk.com Ronald Pattinson Cibit@homebrewinguk.com George Gale's logbook Ian Reid Wombie@homebrewinguk.com George@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.8 7.4 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 4.7 5.0 6.4 4.6 6.4 4.6 6.4 4.6 6.3 3.3 4.6 6.4 4.7 5.0 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.075 1.019 1.049 1.008 1.066 1.017 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.016 1.057 1.008 1.040 1.014 1.041 1.013 1.059 1.016 1.040 1.014 1.048 1.013 1.059 1.016 1.049 1.013 1.049 1.014 1.048 1.013 1.049 1.014 1.045 1.010 1.059 1.010 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.048 1.011 1.051 1.014 1.051 1.014 1.051 1.014 1.051 1.014 1.055 1.017 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.071 1.020 1.075 1.011 1.070 1.013 1.066 1.012 1.074 1.020 1.075 1.014 1.077 1.017 1.057 1.014 1.067 1.017 1.057 1.014 1.067 1.017 1.057 1.014 1.067 1.017 1.057 1.014 1.067 1.017 1.068 1.007 1.068 1.007 1.068 1.007 1.068 1.007 1.068 1.007 1.068 1.007	66.5 68.0 76.5 94.0 77.5 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 1	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 33 0.79 39 0.74 0.61 33 0.66 33 0.66 33 0.65 74 1.40 60 1.01 33 0.69 35 0.61 33 0.69 34 0.78 35 0.62 31 0.78 32 0.68 16 0.56 33 0.69 35 0.66 37 0.75 45 0.98 36 0.66 37 0.75 47 0.75 48 0.75 49 0.75 40 0.75 40 0.75 40 0.75 41 0.75 41 0.75 42 0.68 43 0.75 45 0.79 45 0.79 46 0.75 47 0.75 48 0.75 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.79 47 0.75 48 0.75 49 0.75 40 0.75 40 0.75 41 0.75 41 0.75 42 0.75 43 0.66 45 0.79 46 0.79 47 0.75 48 0.60 48 0.74 49 0.75 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.79 46 0.79 47 0.75 48 0.60 48 0.74 49 0.75 40 0.75 40 0.75 41 0.75 42 0.75 45 0.79 46 0.77 47 0.75 47 0.75 48 0.77 48 0.77 49 0.75 49 0.75 40 0.77 4	0.67 0.80 0.74 0.72 0.00 0.59 0.7 0.48 1.32 0.98 0.66 0.63 0.66 0.65 0.61 0.75 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.63 0.59 0.70 0.62 0.60 0.70 0.62 0.70 0.62 0.70 0.62 0.70 0.62 0.70 0.63 0.70 0.63 0.70 0.64 0.75 0.70 0.70 0.65 0.70 0.70 0.65 0.50 0.70 0.62 0.70 0.63 0.70 0.64 0.75 0.70 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.65 0.50 0.70 0.50 0.50 0.50 0.50 0.50 0.5	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 25.8 0.0 32.2 0.0 21.5 0.0 38.8 0.0 0.0 0.0 45.8 0.0 0.0 0.0 38.8 0.0 38.8 0.0 38.8 0.0 28.8 0.0 38.2 0.0 74.1 0.0 28.9 0.0 35.4 0.0 23.9 0.0 35.4 0.0 28.9 0.0 37.4 0.0 28.9 0.0 37.9 0.0 37.9 0.0 38.8 0.0 27.9 0.0 38.8 0.0 37.7 0.0 38.8 0.0 38.3 0.0 39.0 0.0 30.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 20.0 0.0 0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.8 12.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 3 58 0 59 1 59 5 58 2 58 0 59 1 59 5 58 2 58 0 58 1 59 1 59 5 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 0 58 1 58 1 58 1 58 2 58 1 58 2 58 3 58 3 58 4 52 3 32 5 51 1 52 5 58 5 58 5 58 5 58 5 58 5 58 5 58 5	2 10 112 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	86 100 100 100 100 100 100 100 100 100 10	42 17 68 68 67 17 67 68 68 68 67 67 67 68 68 67 67 68 68 67 67 68 68 67 67 68 68 67 67 68 68 68 67 67 68 68 68 68 67 67 67 67 68 68 68 68 68 68 68 68 68 68 68 68 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 176.00 176.00 176.00 176.00 176.00 200.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 225.00
15B Irish Stout 15B Irish Stout 15B Irish Stout 15C Irish Extra Stout 16A Sweet Stout 16B Oatmeal St	Ragondingue Draught - Guinness Clone St Patrick Stout TBS 012: Brü It Yourself Habañero Stout Breakfast Stout (20220824) Chocolate Coconut no boil no sparge no chill stout Guinness - Foreign Extra Stout (clone) Orange Ginger Stout xBmt-20200702 (imperial Yeast A10 Darkness vs. Nottingham Barclay Perkins - Best Stout (1922) Birthday Stout Kit Blackbird Stout Version II Brewdog - #101 Cocoa Psycho (clone) v2 Bri It Yourself Home Roasted Coconut Coffee Stout Livi B&L Stout 2023 Mackesins Stout Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) Samuel Smith - Extra Stout (clone) v2 Shepherd Neame - SS (1947) Simple Stout v2 AnOtter Twisted Stout Bath Ales - Dark Side (clone) Beanies Double Chocolate Coffee Oatmeal Stout Breakfast Stout (20220922) Dry Stout (20231218) Espe Oatmeal Stout Isengrim Oatmeal Stout Raspberry Oats Rob's Twisted Stout White Stout White Stout White Stout White Stout Adnams - XX(1878) Billy de Jeune No. 1 (1879) Burton Ale Fuller's Brewery - 1845 (clone) Fuller's Br	Ragondingue Craft Beer Clibit@homebrewinguk.com Martin Keen GHW@homebrewinguk.com BeerCat20@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Geoffrey Shread Matt Skillstad Ronald Pattinson Clibit@homebrewinguk.com Gravey's Brewery Phil Rusher hichaechoc@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread GHW@homebrewinguk.com Geoffrey Shread The Thirsty Otter The Malt Miller / mwaite36 Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com RobJ / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Ronald Pattinson Ronald Pattinson Geoffrey Shread The Thirsty Otter Jon Finch / The Malt Miller George@homebrewinguk.com Rob / The Malt Miller Brough Brewing Jake Huolihan David Edgeley Ronald Pattinson Ronald Pattinson Ronald Pattinson Grant Walker / The Malt Miller Ronald Pattinson George@homebrewinguk.com GeorgeGale's logbook Ian Reid Womble@homebrewinguk.com GeorgeGale's logbook Ian Reid George@homebrewinguk.com	All Grain	3.5 4.3 4.2 5.1 5.4 6.4 5.0 5.8 5.4 4.7 5.5 6.4 4.7 5.5 6.4 4.7 5.5 6.4 4.6 6.4 4.6 6.4 4.7 4.7 5.5 6.4 4.6 6.4 4.6 6.4 6.4 6.4 6.4 6.4 6.4	1.037 1.010 1.042 1.009 1.043 1.011 1.052 1.013 1.062 1.018 1.065 1.019 1.049 1.008 1.059 1.015 1.057 1.016 1.059 1.015 1.057 1.016 1.049 1.013 1.063 1.021 1.057 1.008 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.014 1.049 1.013 1.059 1.010 1.059 1.010 1.049 1.013 1.051 1.014 1.052 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.051 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.055 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.051 1.014 1.065 1.017 1.061 1.010 1.070 1.013 1.066 1.012 1.074 1.020 1.075 1.014 1.060 1.011 1.075 1.014 1.060 1.011 1.075 1.014 1.060 1.017 1.085 1.021 1.0078 1.0099 1.079 1.010	66.5 68.0 76.5 94.0 76.5 94.0 78.0 87.5 74.0 70.5 63.0 105.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 69.5 145.0 145.0 145.0 145.0 155.5 155.0 155.0 161.5 1	26 0.70 33 0.79 33 0.79 33 0.79 33 0.79 33 0.76 39 0.74 30 0.00 46 0.61 33 0.66 33 0.66 41 0.10 35 0.61 33 0.69 34 0.70 32 0.68 34 0.77 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 34 0.75 39 0.66 31 0.78 39 0.66 30 0.56 31 0.78 31 0.78 32 0.68 34 0.79 35 0.69 36 0.50 37 0.75 38 0.66 39 0.75 40 0.75 41 0.78 45 0.78 45 0.78 45 0.78 46 0.78 47 0.78 48 0.78 49 0.78 49 0.78 40 0.78 40 0.78 41 0.78 41 0.78 42 0.78 43 0.60 45 0.78 46 0.78 47 0.78 48 0.60 48 0.60 48 0.78 49 0.78 40 0.78 40 0.78 41 0.78 41 0.78 42 0.78 43 0.60 45 0.78 46 0.78 47 0.78 48 0.82 48 0.82 48 0.82 48 0.83 48 0.84 49 0.85 40 0.87 40 0.87 40 0.87 41 0.98 41 0.98 41 0.98 41 0.98 41 0.98 41 0.98 41 0.98 41 0.98 41 0.98 42 0.98 43 0.60 44 0.99 45 0.60 46 0.64 47 0.99 48 0.60 48 0.60 48 0.60 48 0.60 48 0.60 48 0.60 48 0.60 49 0.60 40 0.64 40 0.61	0.67 0.80 0.74 0.72 0.70 0.79 0.70 0.59 0.7 0.48 1.32 0.98 0.66 0.63 0.67 0.68 0.66 0.65 0.61 0.75 0.70 0.63 0.59 0.72 0.95 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.59 0.70 0.70 0.63 0.70 0.70 0.63 0.70 0.70 0.63 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.7	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0	0.0 11.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 1.1 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0 82 0 62 1 58 4 58 5 35 4 444 5 13 3 4 0 1 1 58 3 58 0 59 1 59 5 58 2 58 0 58 2 58 0 58 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 10 12 12 12 12 12 12 12 12 12 12 12 12 12	26 8 50 50 48 50 3 3 50 50 50 50 50 50 50 50 50 50 50 50 50	101 66 100 100 100 100 100 100 100 100 1	86 100 100 100 100 100 101 36 100 100 100 100 100 100 100 100 100 10	42 17 68 68 17 67 67 67 67 68 68 68 67 67 67 67 67 67 67 68 68 67 67 67 67 67 67 68 68 67 67 67 67 68 68 67 67 68 68 68 67 67 68 68 68 68 68 68 68 68 68 68 68 68 68	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	187.00 166.00 200.00 200.00 176.00 176.00 176.00 176.00 200.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00 175.00

tus Batch# Style	Name	Author	Туре	ABV	OG F		IBU	BU/GU	RBR	Mash	FWH Kettl	le Lat		a DH	BJCP Flaws	Ca	Mg	Na	Cl	SO4	HCO3	SO4/CI	SO4+Cl	Cost/I
5aved 17C Wee Heavy 17C Wee Heavy 17C Wee Heavy	Simple Gruit Ale Stucca's Own Wee Heavy	Frits Haen George@homebrewinguk.com	All Grain All Grain	8.1 7.1		26 38.5 17 71.5		0.00		0.0	0.0 0.0 0.0 36.8				3 5	100 60	15 15	75 50	132 75	200 150	94 67	1.52 2.00	332.00 225.00	_
5aved 17C Wee Heavy 5aved 17C Wee Heavy	Wee "Try To Keep It For Yuletide" Heavy Yet Another (Again) Wee Heavy	George@homebrewinguk.com George@homebrewinguk.com	All Grain All Grain	7.0 7.1		18 31.5 12 21.5	17 35	0.24	0.23 0.55	0.0	0.0 17.0 0.0 0.0				0 4	60 100	15 15	50 75	75 131	150 200	68 94	2.00 1.53	225.00 331.00	
Saved 17D English Barleywine	Barclay Perkins - KKKK (1869)	Ronald Pattinson	All Grain	10.0	1.107 1.0	31 17.5	106	0.99	0.93	0.0	0.0 106.	2 0.0	0.0	5.60	4	100	10	,,,	101	200	,,	1.50	001.00	
5aved 17D English Barleywine 17D English Barleywine	Robinsons - Old Tom (clone) Robinsons - Old Tom (clone) v2	Wheeler 179 EspeciallyBitter@homebrewinguk.com	All Grain All Grain	8.8		16 52.0 19 48.5	39 35	0.47	0.48 0.42	0.0	0.0 34.2 0.0 34.7				1	58	12	50	100	100	67	1.00	200.00	-
5aved 17D English Barleywine 17D English Barleywine	Truman R1 (1960) Truman S1 (1960)	Ronald Pattinson Ronald Pattinson	All Grain All Grain	9.1 8.7		24 20.5 18 22.5	48 76	0.51	0.49	0.0	0.0 47.6 0.0 75.6				0 3	52 53	9	50 51	99 99	75 76	67 75	0.76 0.77	174.00 175.00	
Saved 18A Blonde Ale 18A Blonde Ale	A blonde ale - feux lager steam beer kinda thing Basic Brewing - No Boil Hop Sampler Pale Ale	Alcoholx@homebrewinguk.com basicbrewing.com	All Grain Extract	3.9		04 6.7	26 22	0.76 0.45	0.85 0.44	0.0	0.0 26.2 0.0 0.0	2 0.0	0.0	0.00	4									_
Saved 18A Blonde Ale	Blonde Ale (20220619)	Miðgarð Brewhouse (Cawood, North Yorkshire, UK)) All Grain	4.3	1.044 1.0	11 6.1	27	0.61	0.60	0.0	0.0 12.9	9 14.	1 0.0	13.38	0	55	15	45	75	150	40	2.00	225.00	
Saved 18A Blonde Ale 18A Blonde Ale	Brooklyn Summer Ale (clone) Brouwbroeders - Echte Mannen IPA	Pig Den Brewing Brouwbroeders	All Grain All Grain	4.7	1.047 1.0 1.045 1.0	11 7.9 08 8.3	24	0.51	0.51 0.52	0.0	0.0 23.8 0.0 18.7				0	55	15	45	75	150	40	2.00	225.00	-
5aved 18A Blonde Ale 5aved 18A Blonde Ale	Cashmere Beer Citra Perle Gold 2023	George@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	3.4 4.9	1.035 1.0 1.043 1.0		87 38	2.52 0.89	2.45 0.97	0.0	87.4 0.0 0.0 38.1				5 4	55 55	15 15	46 45	75 75	150 150	40 40	2.00 2.00	225.00 225.00	
Saved 18A Blonde Ale	Easy Blonde Ale	Marriedtoahotlibrarian2@brewersfriend.com	All Grain	4.5	1.045 1.0	11 8.7	24	0.53	0.52	0.0	0.0 15.2	2 8.	7 0.0	0.00	0	47	3	15	50	61	30	1.22	111.00	
Saved 18A Blonde Ale 18A Blonde Ale	Fast Fuex Lager Type Thingy Fast Minstrel - Cluster Session Brew	Geoffrey Shread Geoffrey Shread	All Grain All Grain	4.3 3.8	1.038 1.0 1.036 1.0		28 28	0.74 0.77	0.81	0.0	0.0 16.1 0.0 11.4				3									\vdash
Saved 18A Blonde Ale 18A Blonde Ale	Founders Brewing Co - Mosaic Promise (clone) Ghost Ship-ish (clone)	JWS Brewing GHW@homebrewinguk.com	Partial Mash All Grain	5.5	1.052 1.0 1.048 1.0	10 9.5 09 10.0	50 38	0.95	0.98	0.0	0.0 18.2 0.0 37.9				3	55 55	15 15	46 46	75 75	150 150	40 40	2.00	225.00 225.00	-
5 aved 18A Blonde Ale 5 aved 18A Blonde Ale	Harrison's Brewery - Vacant Gesture (clone) Hazy Riwaka	Jonathon McAlinden Mmmmosaic@homebrewinguk.com	All Grain All Grain	5.1 4.9	1.049 1.0 1.051 1.0		26	0.53	0.54 0.12	0.0	0.0 25.9 0.0 0.0				0 4									1
Saved 18A Blonde Ale	Heart of Glass (Cherry)	Geoffrey Shread	All Grain	4.9	1.046 1.0	09 13.8	22	0.48	0.50	0.0	0.0 14.7	7 7.:	1 0.0	0.00	1	55	15	45	75	150	40	2.00	225.00	
5aved 18A Blonde Ale 18A Blonde Ale	Hopalaa - Session One (clone) Hopalaa - Session Two (clone)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.5 4.9	1.044 1.0 1.045 1.0	10 5.7 08 5.7	23	0.53 0.48	0.53 0.50	0.0	0.0 0.0 0.0 0.0				1									+
5aved 18A Blonde Ale 18A Blonde Ale	Hops N Wheat! v2 Kona - Big Wave Golden Ale (clone)	Geoffrey Shread	All Grain	4.5		9.9 09 12.4	22 18	0.50	0.49	0.0	0.0 0.0 0.0 11.9				0	55	15	45	75	150	40	2.00	225.00	_
Saved 18A Blonde Ale 18A Blonde Ale	Lemon Limoncello Meringue Beer Loving Summer Blonde Ale	GHW@homebrewinguk.com Josh Weikert / beerandbrewing.com	All Grain All Grain	4.5 5.0	1.042 1.0	08 8.9 13 11.2	22 28	0.52 0.55	0.54 0.53	0.0	0.0 19.1 0.0 14.1	1 0.0	2.5	0.00	0	55	15	45	75	150	40	2.00	225.00	<u> </u>
Saved 18A Blonde Ale	Mondo Brewing Company - Dennis Hopp'r IPA (clone) v1	Kye Easdown	All Grain	5.1	1.052 1.0	13 9.7	20	0.38	0.37	0.0	0.0 6.1	. 0.0	13.6	15.00	0									
Saved 18A Blonde Ale 18A Blonde Ale	Mondo Brewing Company - Dennis Hopp'r IPA (clone) v2 noname 20220809	Kye Easdown Beercat@homebrewinguk.com	All Grain All Grain	5.3 4.1	1.049 1.0 1.038 1.0	09 9.3 07 8.3	20 14	0.41	0.43	0.0	0.0 3.6 12.7 0.0				2	55	15	45	75	150	40	2.00	225.00	-
5aved 18A Blonde Ale 5aved 18A Blonde Ale	NZ Tropical IPA Oslo Motueka Pale	GHW@homebrewinguk.com Geoffrey Shread	All Grain All Grain	5.4 4.2	1.049 1.0 1.039 1.0		25 34	0.51 0.78	0.54 0.82	0.0	18.9 0.0 0.0 21.0	_	_		0 4									1
Saved 18A Blonde Ale	Perennial Southside Blonde Ale	Josh Weikert / beerandbrewing.com	All Grain	5.1	1.050 1.0	11 7.1	24	0.48	0.48	0.0	0.0 20.7	7 2.9	9 0.4	20.02	0									#
Saved 18A Blonde Ale 18A Blonde Ale	Ragondingue - #025-CCCP Russian River - Aud Blonde Ale (clone)	Ragondingue Craft Beer The Thirsty Otter	All Grain All Grain	4.7 4.6	1.047 1.0 1.044 1.0	09 7.7	27 47	0.58 1.08	0.58 1.11	0.0	0.0 11.7 0.0 37.0	0.0	10.4	0.00	3	55	15	46	75	150	40	2.00	225.00	\perp
Saved 18A Blonde Ale 18A Blonde Ale	Scarborough Brewery - Chinook (clone) Shambles Brewery - Summer Ale Afternoon Delight (clone)	The Thirsty Otter Pig Den Brewing	All Grain All Grain	7.3 4.9	1.040 1.0 1.044 1.0		19 23	0.48	0.48 0.57	0.0	0.0 0.0 0.0 0.0				0	55	15	46	75	150	40	2.00	225.00	
rewed 16 18A Blonde Ale Saved 18A Blonde Ale	Shameless Magpied Summer Ale Shipyard Brewing Company - Pale Ale (clone) v2	The Thirsty Otter sirhopalot@homebrewinguk.com	All Grain All Grain	4.6 4.3	1.040 1.0	07 8.1 07 16.2	22 49	0.51 1.22	0.54	0.0	0.0 0.0 0.0 22.1	0.0	21.5	4.00	1 4	55 55	15 15	46 46	75 75	150 150	40 40	2.00 2.00	225.00 225.00	2.86
Saved 18A Blonde Ale	Simple IPA 20210320	Hops_and_Dreams@homebrewinguk.com	All Grain	4.5	1.042 1.0	08 11.0	28	0.61	0.61	0.0	0.0 31.1	1 0.0) 4.7	2.14	3	55	15	45	75	150	40	2.00	225.00	#
Saved 18A Blonde Ale 18A Blonde Ale	Single Tree Spruce 2021 SMaSH Belma	Davemci@Brewersfriend.com The Thirsty Otter	All Grain All Grain	6.8 4.1		10 10.4	9 21	0.13 0.50	0.13 0.49	0.0	0.0 9.0 0.0 0.0	17.	4 3.1	3.57	7	55 47	15 3	46 15	75 50	150 61	40 30	2.00 1.22	225.00 111.00	
Saved 18A Blonde Ale 18A Blonde Ale	SMaSH Citra v3 SMaSH Lemondrop	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.5 4.9		10 11.0 08 7.7	24 20	0.54 0.44	0.54 0.46	0.0	0.0 8.1 0.0 12.3				0	55 55	15 15	45 45	75 75	150 150	40 40	2.00 2.00	225.00 225.00	+
rewed 11 18A Blonde Ale Saved 18A Blonde Ale	SMaSH Magnum SMaSH Palisade	The Thirsty Otter The Thirsty Otter	All Grain	5.1	1.045 1.0 1.041 1.0	08 8.7 08 9.5	22 21	0.46	0.49 0.52	0.0	0.0 12.6 0.0 10.0	5 6.0	5 2.3	0.00	0	55 55	15 15	45 45	75 76	150 152	40 40	2.00 2.00	225.00 228.00	3.33
Saved 18A Blonde Ale	SMaSH Palisade v2	The Thirsty Otter	All Grain	4.6	1.041 1.0	08 9.5	21	0.50	0.52	0.0	0.0 10.0	0.8	3.4	1.79	0	55	15	45	76	152	40	2.00	228.00	
Saved 18A Blonde Ale 18A Blonde Ale	SMaSH Palisade v3 SMaSH Sabro v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.6	1.041 1.0 1.041 1.0	08 9.5 07 8.3	21 18	0.50 0.41	0.52 0.44	0.0	0.0 10.0				0	55 55	15 15	45 45	76 75	152 150	40 40	2.00	228.00 225.00	+
5aved 18A Blonde Ale 18A Blonde Ale	SMaSH Talus Smurtowaka	The Thirsty Otter Clibit@homebrewinguk.com	All Grain Partial Mash	4.7 1 4.9	1.041 1.0 1.047 1.0	07 8.3 10 15.8	17 27	0.38	0.41	0.0	0.0 0.0 0.0 19.5				1 1	55 55	15 15	46 46	75 75	150 150	40 40	2.00 2.00	225.00 225.00	
Saved 18A Blonde Ale Saved 18A Blonde Ale	Spring Ale 04 Summer Reer	Womble@homebrewinguk.com	All Grain All Grain	4.6	1.046 1.0	11 11.8 12 11.8	25 23	0.54	0.53	0.0	0.0 25.0 0.0 16.0	0.0	0.0	0.00	0	55	15 15	45 45	75 75	150 150	40	2.00	225.00 225.00	
Saved 18A Blonde Ale	Sunshine Superman	Geoffrey Shread	All Grain	4.7	1.044 1.0	08 6.5	27	0.60	0.63	0.0	0.0 13.3	3 13.	4 0.0	0.00	1									
rewed 10 18A Blonde Ale rewed 17 18A Blonde Ale	Three Hops Blonde Three Hops Blonde v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.7		11 8.7 08 8.1	22	0.46	0.46	0.0	0.0 12.6 0.0 0.0				0	55 55	15 15	45 45	75 75	150 150	40	2.00	225.00 225.00	2.63 4.55
rewed 18 18A Blonde Ale Saved 18A Blonde Ale	Three Hops Blonde v3 Waka Dreamboat Blonde Ale	The Thirsty Otter Clibit@homebrewinguk.com	All Grain All Grain	4.6 4.6	1.040 1.0 1.043 1.0		22 25	0.51 0.58	0.54	0.0	0.0 0.0 0.0 18.6				1 0	55 55	15 15	45 46	75 75	150 150	40 40	2.00	225.00 225.00	4.40
rewed 22 18A Blonde Ale Saved 18A Blonde Ale	Wet Hops Blonde Ale (Bramling-X) Wet Hops Blonde Ale (Bramling-X) v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.3	1.041 1.0 1.041 1.0	10 8.7	20	0.47	0.47	0.0	0.0 0.0 0.0 0.0	15.	1 5.1	0.00	0	55 55	15	46 46	75 75	150 150	40	2.00	225.00 225.00	3.33
rewed 15 18A Blonde Ale	Wet Hops Blonde Ale (Chinook)	The Thirsty Otter	All Grain	4.3	1.040 1.0	09 6.9	21	0.50	0.56 0.51	0.0	0.0 0.0	19.	2 1.9	0.00	0	55	15 15	46	75	150	40	2.00	225.00	2.11
Baved 18A Blonde Ale rewed 23 18A Blonde Ale	Wet Hops Blonde Ale (Nonsuch) Wet Hops Blonde Ale (Willamette)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.5		08 6.9	20	0.11	0.11	0.0	0.0 0.0		_		3	55 55	15 15	46 46	75 75	150 150	40 40	2.00	225.00 225.00	2.41
rewed 39 18A Blonde Ale Saved 18A Blonde Ale	Wet Hops Blonde Ale (Willamette) v2 xBmt-20191111 Natural Carbonation: Sucrose vs. Honey	The Thirsty Otter Matt Del Fiacco	All Grain All Grain	4.3	1.041 1.0 1.040 1.0	10 9.5 11 6.1	24 23	0.56 0.57	0.56 0.54	0.0	0.0 0.0 0.0 16.5				0	60 55	17 15	51 45	83 75	167 150	43 40	2.01	250.00 225.00	3.32
Saved 18A Blonde Ale 18A Blonde Ale	x8mt-20191209 Hop Pellets vs. Hop Hash x8mt-20200210 Impact Of Fermenting With Previously Frozen Yeast	Phil Rusher Phil Rusher	All Grain	5.4	1.055 1.0 1.050 1.0	11.8	18	0.32	0.31	0.0	0.0 17.6 0.0 21.5	5 0.0	0.0	1.11	4 3	55	15	45 46	75 75	150 150	40 40	2.00	225.00 225.00	
Saved 18A Blonde Ale	xBmt-20200518 Boil pH Blonde Ale	Andy Carter	All Grain	4.7	1.047 1.0	11 8.1	33 17	0.35		0.0	0.0 12.6	5 4.0	0.0	0.00	0	55 55	15 15	45	75	150	40	2.00	225.00	
Saved 18A Blonde Ale 18A Blonde Ale	xBmt-20200706 Straight vs. Adjusted RO Water xBmt-20220530 Impact Yeast Starter Temperature Has On A Blonde Ale	Andy Carter Steve Thanos	All Grain All Grain	4.6 6.6	1.046 1.0 1.060 1.0	11 6.7 10 8.3	43 24	0.95 0.41		0.0	0.0 17.3 0.0 11.4				3 2	55 55	15 15	46 45	75 75	150 150	40 40	2.00	225.00 225.00	
18A Blonde Ale Saved 18B American Pale Ale	Yellow Fizz Allendale - Pennine Pale (clone)	Clibit@homebrewinguk.com wobleylegs@homebrewinguk.com	All Grain All Grain		1.044 1.0 1.040 1.0		36 46		0.91 1.21	0.0	0.0 22.5 0.0 41.3				4							#DIV/0!	0.00	
Saved 18B American Pale Ale	American Pale Ale AnOtter Cascade Pale Ale	GHW@homebrewinguk.com	All Grain	4.6	1.046 1.0	11 8.7	31	0.67	0.66	0.0	0.0 9.4	17.	7 3.5	0.00	1	0.4			/7	45/		0.00	000.00	
Saved 18B American Pale Ale 18B American Pale Ale	АРА	The Thirsty Otter Brewer #331900@Brewersfriend.com	All Grain All Grain	5.8		10 15.6 11 14.8	46 38	0.85	0.89	0.0	0.0 36.2 0.0 20.2	2 17.			0	93	15	22 49	67 50	156 250	38 80	2.33 5.00	223.00 300.00	
Saved 18B American Pale Ale 18B American Pale Ale	Beavertown - Gamma Ray Bengali Tiger	Beavertown Steve@homebrewinguk.com	All Grain All Grain	5.4 4.9	1.050 1.0 1.046 1.0	09 15.6 09 13.0	46 47	0.91 1.01	0.95 1.04	0.0	0.0 40.3 0.0 32.8				3									
aved 18B American Pale Ale 18B American Pale Ale	Beyond Pale Brewdog - #002 Punk IPA 2010	capnfolie@Brewersfriend.com Brewdog	All Grain All Grain		1.059 1.0 1.051 1.0		36 40	0.61 0.80	0.63 0.84	0.0	0.0 28.7 0.0 31.5				1 1	93	15	49	50	250	80	5.00	300.00	
5aved 18B American Pale Ale	Brewdog - #002 Punk IPA 2010 v2	Brewdog	All Grain	5.8	1.053 1.0	09 10.2	36	0.68	0.72	0.0	0.0 28.9	7.5	5 0.0	54.60	1									
aved 18B American Pale Ale 18B American Pale Ale	Camden - Pale Ale (clone) Carmarthenshire APA	hopcopter The Malt Miller / costas-serafeimidis	All Grain All Grain		1.067 1.0	19 16.7	26 39	0.63 0.58	0.62 0.54	0.0	0.0 7.8 0.0 22.5	5 14.	6 1.4	15.40	3									=
5aved 18B American Pale Ale 18B American Pale Ale	Cascade Pale Ale Cascade Pale Ale v2	John J. Palmer (How To Brew) LarryBrewer@brewersfriend.com	Extract All Grain		1.047 1.0 1.049 1.0		33 36	0.7 0.74	0.73 0.73	0.0	0.0 19.1 0.0 32.1				0	23	7	28	50	50	25	1.00	100.00	-
5aved 18B American Pale Ale 5aved 18B American Pale Ale	Centennial Pale Ale v1 Cincinnati Pale Ale	EspeciallyBitter@homebrewinguk.com John J. Palmer (How To Brew)	All Grain Partial Mash		1.062 1.0 1.039 1.0	10 22.5	90 34	1.44 0.87	1.53 0.91	0.0	0.0 59.9 0.0 24.8				6 3	93	15	49	50	250	80	5.00	300.00	\vdash
Saved 18B American Pale Ale	Citra Amarillo Vienna Voss Isolation Pale Ale Citra Pale Ale (20240509)	Clibit@homebrewinguk.com	All Grain	4.7	1.046 1.0	10 10.2	38	0.83	0.84	0.0	0.0 34.7	7 0.0	3.6	6.00	0	93	15 g	49	50	250	80	5.00	300.00 222.00	_
Saved 18B American Pale Ale	Citra Sabro APA	Cheshire Cat@homebrewinguk.com The Thirsty Otter	All Grain	5.1	1.045 1.0	11 10.6 08 10.6	49 30	0.62	0.66	0.0	0.0 0.0	22.	8 6.7	4.00	1	83 93	8 15	22 49	67 50	155 250	37 80	2.31 5.00	300.00	\pm
Saved 18B American Pale Ale 18B American Pale Ale	Dennis King - Galaxy Delight Dr Smurto's Golden Ale	Dennis King Pig Den Brewing	All Grain All Grain	5.0 4.6		10 7.5 12 15.4	61 38	1.26 0.81	1.28 0.79	0.0	0.0 22.1 0.0 18.1		_		0									\pm
5aved 18B American Pale Ale 5aved 18B American Pale Ale	Drytown Riwaka Founders Brewing Co - All Day IPA (clone)	Steven Higgins Pig Den Brewing	All Grain All Grain	5.5 4.6	1.052 1.0		42 41	0.82	0.85 0.84	0.0	0.0 32.9 14.6 15.6	9 7.2	2 2.3	0.00	0	93	15	49	50	250	80	5.00	300.00	\vdash
Saved 18B American Pale Ale	Friday's Brew (20220315)	GHW@homebrewinguk.com	All Grain	4.7	1.046 1.0	10 10.2	31	0.68	0.69	0.0	0.0 16.6	5 13.	4 1.4	0.00	0	93	15	49	50	250	80	5.00	300.00	<u> </u>
Saved 18B American Pale Ale 18B American Pale Ale	Helicopter APA Holgate Brewhouse - X-Wing XPA (clone)	Cheshire Cat@homebrewinguk.com Pig Den Brewing	All Grain All Grain	4.7 5.6	1.053 1.0		41 30	0.85	0.83	0.0	0.0 28.3 0.0 0.0	16.	9 13.3	11.36	0	93	15	49	50	250	80	5.00	300.00	=
Saved 18B American Pale Ale 18B American Pale Ale	Hopalaa - Sabro Dew (clone) House Pale	The Thirsty Otter Jon Finch / The Malt Miller	All Grain All Grain	5.1 5.0	1.047 1.0 1.050 1.0	08 8.7 12 19.1	30 46	0.64	0.68	0.0	0.0 0.0 0.0 36.7				0									+-
Saved 18B American Pale Ale 18B American Pale Ale	ldahaz Ale v1 James Squire - One Fifty Lashes Pale Ale (clone)	EspeciallyBitter@homebrewinguk.com Newcastle Brew Shop	All Grain All Grain	6.4		11 37.0	53	0.88	0.92	0.0	0.0 25.7 0.0 23.7	7 13.	8 5.7	3.89	3	93	15	49	50	250	80	5.00	300.00	_
Saved 18B American Pale Ale 18B American Pale Ale 18B American Pale Ale	Jester Smash it! - Beer 57 La Nouvelle American Pale Ale	Mig	All Grain	5.1	1.052 1.0	13 15.2	57	1.09	1.06		21.2 11.8	3 19.	1 4.8	20.02	3	93	15	49	50	250	80	5.00	300.00	=
Saved 18B American Pale Ale	Lady Godiva's Fiver	Josh Weikert / Craft Beer & Brewing Geoffrey Shread	All Grain All Grain	6.0 5.0	1.049 1.0	11 16.7	59 36	0.74	1.10 0.74	0.0	0.0 48.4 0.0 20.0) 16.	1 0.0	11.90	0	93 93	15 15	49	50 50	250 250	80	5.00	300.00 300.00	
5aved 18B American Pale Ale 18B American Pale Ale	Lille Holmgård Håndbryg - Interstellar Overdrive (clone) Long Hill Creek v1	The Thirsty Otter EspeciallyBitter@homebrewinguk.com	All Grain All Grain	5.9 5.9	1.560 1.0 1.055 1.0	11 11.8 10 17.3	43 48	0.77 0.88	0.79 0.92	0.0	0.0 31.1 28.2 0.0				0	84	8	22	67	155	37	2.31	222.00	+
5aved 18B American Pale Ale 5aved 18B American Pale Ale	Long Hill Creek v2 Mad Otter	EspeciallyBitter@homebrewinguk.com An Ankou@homebrewinguk.com	All Grain All Grain	6.2 5.1	1.053 1.0 1.048 1.0	06 16.5 09 14.0	49 52	0.92 1.08	1.03 1.12	0.0	30.7 0.0 0.0 25.5				2 4	93	15	49	50	250	80	5.00	300.00	_
Saved 18B American Pale Ale	Mark's Simcoe Smash	Mark / The Malt Miller	All Grain	5.1	1.051 1.0	12 9.9	54	1.04	1.03	0.0	0.0 23.9	9 16.	6 13.3	2.80	3	84	8	22	67	155	38	2.31	222.00	=
Saved 18B American Pale Ale 18B American Pale Ale	Mt. Nelson Pale Ale Nearly Nirvana Pale Ale	Cellarmaker Brewing AHA	All Grain All Grain	6.0	1.056 1.0 1.061 1.0	15 13.4	35 44	0.63 0.72	0.63 0.7	0.0	0.0 9.3 0.0 31.5	5 12.	2 0.0	0.00	0	93 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	\pm
Saved 18B American Pale Ale 18B American Pale Ale	Ninja Fruit Fly Noname Ale (20220410)	Brian Nykjær GHW@homebrewinguk.com	All Grain All Grain	5.5 4.7	1.052 1.0 1.044 1.0		38 38	0.73 0.87	0.76 0.91	0.0	5.8 0.0 0.0 28.1				0 2	93	15	49	50	250	80	5.00	300.00	+
	Palisade Pale Ale	The Malt Miller	All Grain	5.5	1.052 1.0	10 14.8	34	0.66	0.68	0.0	0.0 8.4	15.	9 9.7	0.00	0	93	15	49	50	250	80	5.00	300.00	_
Saved 18B American Pale Ale Saved 18B American Pale Ale	Panhead - Supercharger (clone)	Pig Den Brewing	All Grain	6.0	1.057 1.0	11 12.2	48	0.84	0.87	0.0	0.0 9.8	33.	7 4.7											

Column	Status Batch # Style Saved 18B American Pale Ale	Name Pina Colada Pale Ale	Author GHW@homebrewinguk.com	Type All Grain	ABV 5.1	OG 1.049	FG 1.010	EBC 8.3	IBU BU/	GU RBR 72 0.74	Mash 0.0	FWH 0.0	Kettle 35.5		oma DH BJ0	CP Flaws Ca 1 93	Mg 15	Na 49	CI 50	SO4 250	HCO3 80	5.00	SO4+CI C 300.00
Company		Pull The Pin		All Grain	5.0	1.048	1.010	9.7	30 0.6	53 0.64	0.0	0.0	0.0	14.2 1	6.2 9.50	1							
A Company Co	Saved 18B American Pale Ale	Ragondingue - #032-Coyote	Ragondingue Craft Beer	All Grain	5.6	1.052	1.009	14.4	42 0.8	30 0.84	0.0	28.6	10.8	0.0 2	2.6 0.00	1							
Column C																0 93	15	49	50	250	80	5.00	300.00
Company of the comp		0 0 ,																					
Company Comp	Saved 18B American Pale Ale	Ragondingue - Tombstone		All Grain	5.0	1.520	1.014	16.7	44 0.8	34 0.8	0.0	0.0	34.6	9.0	0.00					222		4.44	272.00
Company of the Comp	Saved 18B American Pale Ale	Rob's *1\$\$ Pale Ale	Walden@homebrewinguk.com	All Grain	5.3	1.051	1.011	9.5	28 0.5	0.56	0.0	0.0	17.6	8.0 2	2.2 0.00	3 93		49	50	250	80	5.00	300.00
Control of the cont																							
March Marc	Saved 18B American Pale Ale	Sierra Nevada - Pale Ale	Sierra Nevada	All Grain	5.4	1.053	1.012	19.5	33 0.6	53 0.63	0.0					0							
West of the second se	Saved 18B American Pale Ale	Sierra Nevada - Pale Ale v2	Sierra Nevada	All Grain	5.4	1.053	1.012	16.7	33 0.6	53 0.63	0.0	0.0	30.3	0.0 2	.9 0.00	0 93							
Column																							
Column C					_																		
Company	Saved 18B American Pale Ale	Sleepy Dog	mattbowles / The Malt Miller	All Grain	5.9	1.063	1.018	17.7	65 1.0	0.97	0.0	13.0	0.0	47.1 4	.9 14.28	5 93	15	49	50	250	80	5.00	300.00
Column					_												_ ~						
Company Comp	Saved 18B American Pale Ale	SMaSH Citra v2	The Thirsty Otter	All Grain	6.0	1.053	1.009	9.7	33 0.	6 0.64	0.0	0.0	15.1	12.9 5	.3 0.89	2 93			50	250	80	5.00	300.00
The property of the property	Saved 18B American Pale Ale	SMaSH Lotus	The Thirsty Otter	All Grain	5.6	1.049	1.009	9.3	38 0.7	73 0.77	0.0	0.0	0.0	29.4 8	1.25	2 93		49	50	250	80	5.00	300.00
Company Comp																							
Description Control																	2		5	· ·			
March Marc	Saved 18B American Pale Ale	Sorachi Ace Pale Ale	GHW@thehomebrewforum.co.uk	All Grain	5.4	1.050	1.009	13.6	38 0.7	75 0.79	0.0	0.0	17.3	12.8 7	7.5 0.00	1 93	15	49	50	250	80	5.00	300.00
Company Comp		,				_																	
March Marc			Paul Amico		6.0				35 07	56 0.72						2 89	2	10	50		26	3.06	203.00
West	Saved 18B American Pale Ale	The Hop Chronicles Aramis (2020)	Paul Amico	All Grain	6.0	1.053	1.007	9.7	35 0.6	56 0.72	0.0	0.0	21.5	13.3	0.0 10.80	2 93		49	50	250	80	5.00	300.00
Marie Properties Marie Prope	Saved 18B American Pale Ale	The Hop Chronicles Brewer's Gold (2020)	Paul Amico	All Grain		1.053	1.010		34 0.6	54 0.66	0.0				0.0 10.80	1 93	15	49	50	25	80	0.50	75.00
Marche M																2 89	2	10	50	153	25	3.06	203.00
Marche M				=			1.008	11.6		50 0.65	0.0	0.0	14.2	19.3	0.0 8.10	1 97	2	10	F0	150	17	2.04	202.00
Column C	Saved 18B American Pale Ale	The Hop Chronicles Callista (2020) Pale Ale	Paul Amico	All Grain	5.8	1.057	1.013	9.5	35 0.6	52 0.62	0.0	9.1	13.4	12.3	0.0 2.70	0 87	2	10	50	153		3.06	203.00
Contact Cont																	2	3	49	152	17	3.10	201.00
Column C																-					17 17		
	Saved 18B American Pale Ale	The Hop Chronicles Columbus LUPOMAX (2020)	Paul Amico	All Grain	5.9	1.053	1.008	11.6	46 0.8	35 0.92	0.0	0.0	12.3	33.2	0.0 10.80	1 93	15		50	250	80	5.00	300.00
Second Content Content							_											49					
Second Property of Company of C																	20	8	56	304	17	5.43	360.00
March Marc	Saved 18B American Pale Ale	The Hop Chronicles Elixir (2020)	Paul Amico	All Grain	5.6	1.056	1.013	9.3	35 0.6	53 0.63	0.0	7.7	12.9	14.7 C	0.0 10.80	1 93	15		50	25		0.50	75.00
Billy	Saved 18B American Pale Ale	The Hop Chronicles HBC 586 LUPOMAX (2021)	Paul Amico	All Grain	5.8	1.054	1.016	11.8	33 0.6	51 0.64	0.0	0.0	12.7	20.4	0.0 10.80				50	250	80	5.00	300.00
Machine Property																							
Property of the property of																3 125	20		5.6	204	17	5.42	260.00
Manuscripton Manu	Saved 18B American Pale Ale	The Hop Chronicles Kohatu (2020)	Paul Amico	All Grain	6.8	1.054	1.008	9.9	36 0.6	57 0.72	0.0	0.0	22.2	14.0	0.0 10.80	1 93	15	49	50	250	80	5.00	300.00
Management Man																0 8/	2	10	50	153	1/	3.06	203.00
Mineral Publish Mineral Pu		1 1 1												11.1 C	0.0 2.70		2 15						
Manuscript Alp	Saved 18B American Pale Ale	The Hop Chronicles Sabro LUPOMAX (2020)		All Grain	5.6	1.056	1.013	12.0	43 0.7	76 0.76	0.0	0.0	11.5	31.0	0.0 10.80	0 93	15	49	50	250	80	5.00	300.00
Mate	Saved 18B American Pale Ale	The Hop Chronicles Sonnet (2020) Pale Ale	Mike Neville	All Grain	5.3	1.053	1.013	8.3	42 0.7	78 0.76	0.0	0.0	17.6	23.9 C	0.0 2.73			8					
Section Part Part																2 1 125	20	8	56	304	17	5.43	360.00
Section Continue																							
Section Part Property Part	Saved 18B American Pale Ale	The Hop Chronicles US Goldings (2020) Pale Ale	Mike Neville	All Grain	6.0	1.060	1.014	14.0	38 0.6	53 0.62	0.0	0.0	26.2	11.3 C	0.0 2.73	0 125							
Section Sect	Saved 18B American Pale Ale	Three Floyds - Zombie Dust (clone)	Beer n' BBQ by Larry			1.058	1.010		39 0.6	57 0.71							15		50	250	80		
Mile American Pick Set Program																							
See Six American Fisch Processing House Six American Fisch Six	Saved 18B American Pale Ale	Typically Tropical Trois	Clibit@homebrewinguk.com	All Grain	5.5	1.050	1.008	17.9	41 0.8	31 0.87	0.0	0.0	29.8	0.0 10	0.8 6.27	1 93	15	49	50	250	80	5.00	300.00
Section 1985 American Price Americ	Saved 18B American Pale Ale	Verdant Brewing - Lightbulb (clone)	VoC Home Brewery	All Grain	4.9	1.046	1.009	7.1	36 0.7	78 0.81	0.0	0.0	4.3	24.3 6	.9 5.21	2 119	18	25	33	300	41	9.09	333.00
Seed Bill American Pile Pile Pile Pile Pile Pile Pile Pile	Saved 18B American Pale Ale	xBmt-20200120 Bottle Conditioning: Crown Cap vs. Swing-Top	Phil Rusher																				
Seed 19th American Pale Alle Infere 20000055 Polishorman's After Day Years & Safetic 1600 American Arter all March 160																		_					
Seed Silk American Princip Silk American Princip Silk State	Saved 18B American Pale Ale	xBmt-20200330 Fleischmann's Active Dry Yeast vs. Safale US-05 American Ale Yeast	Brian Hall	All Grain	5.4	1.054	1.013	18.7	35 0.6	56 0.65	0.0	0.0	21.7	13.5	0.00	0 126	2	3	135	118	17	0.87	253.00
Search S	Saved 18B American Pale Ale	xBmt-20201123 HDPE Bucket vs. PET Carboy	Andy Carter	All Grain	5.5	1.055	1.013	22.0	36 0.6	56 0.65	0.0	0.0	13.5	22.8 C	0.00	1 43	5	8	40	65	22	1.63	105.00
Same 15th American Amber Ale American Amber A					4.9	1.051	1.014	13.6	48 0.9	0.89			47.1	0.9	0.0 2.73	0 19	6	20	25	46	36		
Swed 19th American Amber Ale 2024-0417 Cheshier Cate Demokreving & Com Al Grain 5.5 1.052 1.010 27.5 27.9 0.56 0.58 0.0 0.0 1.7 13.9 4.4 0.00 3 41 9 30 70 1.24 137.00	Saved 19A American Amber Ale	American Amber (20231022)	GHW@homebrewinguk.com	All Grain							0.0	0.0										2.67	275.00
Seed 19th American Amber Ale Centemini-Cluster Fuggel Billed Especially littler (Phoresteveninguk.com All Grain 5.4 1.054 1.051 1.054 1.051 1.054 1.051 1.054 1.055 1.054 1.055 1.05	Saved 19A American Amber Ale	American Amber Ale (20240417)	Cheshire Cat@homebrewinguk.com	All Grain	5.5	1.052	1.010	27.5	29 0.5	56 0.58	0.0	0.0	10.7	13.9 4	.4 0.00	3 41	9	30	70	87	17	1.24	157.00
Sweet	Saved 19A American Amber Ale	Centennial-Cluster Fugget Blend	EspeciallyBitter@homebrewinguk.com	All Grain		1.054	1.013								8.4 8.90		15	50	75	200	67	2.67	275.00
Saved 19A American Amber Ale New Glanus - Fat Squired (clone) Pig Den Brewing All Grain 4.5 10.46 10.11 24.5 36 0.79 0.78 0.0 0.0 0.0 2.5 5.0 5.	Saved 19A American Amber Ale		EspeciallyBitter@homebrewinguk.com		5.3	1.050	1.010	25.0	39 0.7	77 0.79	0.0	0.0	26.5	9.5 2	2.6 6.70		15	50	75	200	67	2 67	275.00
Savet 19A American Amber Ale Ragondingue - 6100-Nighthawk Ragondingue - 6100-Nighthaw	Saved 19A American Amber Ale	New Glarus - Fat Squirrel (clone)	Pig Den Brewing	All Grain	4.6	1.046	1.011	24.5	36 0.7	79 0.78	0.0	30.9	0.0	5.4 C	0.00	2							
Saved 19A American Amber Ale Ragondingue F039-Coyote Colorado Ragondingue Craft Beer All Crain 4.6 1.018 21.5 28 0.59 0.60 0.0 0.0 22.8 4.4 0.8 0.00 0 0 0 0 0 0 0 0	Saved 19A American Amber Ale	Ragondingue - #008-Nighthawk	Ragondingue Craft Beer	All Grain	5.5	1.052	1.010	25.5	28 0.5	54 0.56	0.0	0.0	25.3	2.5 C	0.00	0	15	50	/3	200	00	2.0/	2/3.00
Saved 19A American Amber Ale Ragondingue -#637-Big Buffalo Ragondingue Craft Beer Ali Grain 5.1 1.050 1.011 2.15 28 0.56 0.0 0.0 228 4.4 0.8 0.00 0 150 75 131 200 94 1.53 331.00																							-
Saved 19A American Amber Ale Red Brick Rye Jon Finch / The Malt Miller All Grain 5.1 1.047 1.008 28.0 47 0.99 1.05 0.0 0.0 36.0 8.7 2.3 21.08 4	Saved 19A American Amber Ale	Ragondingue - #037-Big Buffalo	Ragondingue Craft Beer	All Grain	5.1	1.050	1.011	21.5	28 0.5	56 0.56	0.0	0.0	22.8	4.4 C	0.00	0 100							
Saved 19A American Amber Ale West Coast Red Ale Clibit@homebrewinguk.com Partial Mash 4.7 1.044 1.008 26.0 36 0.81 0.85 0.0 0.0 11.9 0.00 4	Saved 19A American Amber Ale	Red Brick Rye	Jon Finch / The Malt Miller	All Grain	5.1	1.047	1.008	28.0	47 0.9	99 1.05	0.0	0.0	36.0	8.7 2	21.08	4							
Saved 19A American Amber Ale x8mt-20200730 Warm Pressure Fermented Lager Mike Olivier and Josh Sharp Extract 4.5 1.048 1.014 6.9 2.3 0.47 0.44 0.0 0.0 1.99 2.8 0.0 0.00 1			Clibit@homebrewinguk.com														15	50	75	200	68	2.67	275.00
Saved 198 California Common Ragondingue -#018-Steampunk Ragondingue -#018-Steampunk Ragondingue -#018-Steampunk Ragondingue -#031-Coyote Steampunk Ragondingue -#031-Coyote Steampunk	Saved 19A American Amber Ale	xBmt-20200730 Warm Pressure Fermented Lager	Mike Olivier and Josh Sharp	Extract	4.5	1.048	1.014	6.9	23 0.4	17 0.44	0.0	0.0	19.9	2.8	0.00	1 1 81	15	50	75	200	67	2.67	275.00
Saved 19B California Common Ragondingue -#039-Steampunk Ragondingue craft beer All Grain 5.5 1.053 1.011 22.0 33 0.62 0.63 0.0 0.0 19.5 13.4 0.0 0.00 0 81 15 50 74 199 68 2.69 273.00 Saved 19C American Brown Ale 19C American Brown Ale 8ig Mack Brown Ale Momble@homebrewinguk.com All Grain 5.8 1.057 1.014 20.0 32 0.6 0.57 0.0 0.0 10.4 21.1 0.0 0.00 1 81 15 50 74 199 68 2.69 273.00 Saved 19C American Brown Ale Big Mack Brown Ale Momble@homebrewinguk.com All Grain 5.8 1.057 1.013 38.0 20 0.3 0.0 0.0 1.0 1.0 1.0 0.0 1.0 1.0 0.0 1.0 1.0 0.0 1.0 1.0 0.0 0.0 1.0 1.0 1.0	Saved 19B California Common	Ragondingue - #018-Steampunk	Ragondingue Craft Beer	All Grain	5.1	1.051	1.012	22.5	35 0.6	57 0.66	0.0	0.0	23.4	9.3 1	.9 0.00	0	1 2	1 30	.,	200	, , , , , , , , , , , , , , , , , , ,	2.07	
Saved 19C American Brown Ale Big Mack Brown Ale Big Mack Brown Ale Momble@homebrewinguk.com All Grain 5.8 1.057 1.013 38.0 20 0.34 0.0 0.0 1.39 4.7 0.9 0.00 2 Saved 19C American Brown Ale Clib's Centennial Brown V3 EspeciallyBitter@homebrewinguk.com All Grain 5.3 1.052 1.013 38.0 20 0.04 0.0 0.0 2 5 9 9 9 67 1.00 198.00 Saved 19C American Brown Ale Mannly Ale V2 EspeciallyBitter@homebrewinguk.com All Grain 5.9 1.054 1.009 44.0 26 0.49 0.52 0.0 0.0 1.3 8.0 0.0 0.00 1	Saved 19B California Common	Ragondingue - #039-Steampunk	Ragondingue craft beer	All Grain	5.5	1.053	1.011	22.0	33 0.6	52 0.63	0.0	0.0	19.5	13.4	0.00	0 81							
Saved 19C American Brown Ale Cilib's Centennial Brown v3 EspeciallyBitter@homebrewinguk.com All Grain 5.3 1.052 1.012 43.5 46 0.89 0.0 0.0 23.6 18.4 4.2 0.00 3 58 12 50 99 99 67 1.00 198.00 Saved 19C American Brown Ale Mannly Ale v2 EspeciallyBitter@homebrewinguk.com All Grain 5.9 1.054 1.009 44.0 26 0.49 0.52 0.0 0.0 1.83 8.0 0.0 0.00 1																1 81	15	50	75	200	68	2.67	275.00
	Saved 19C American Brown Ale	Clib's Centennial Brown v3	EspeciallyBitter@homebrewinguk.com	All Grain	5.3	1.052	1.012	43.5	46 0.8	39 0.89	0.0	0.0	23.6	18.4 4	.2 0.00		12	50	99	99	67	1.00	198.00
																	12	50	100	100	67	1.00	200.00

Status Batch #	Style 19C American Brown Ale	Name Ragondingue - #036-Grizzly	Author Ragondingue Craft Beer	Type All Grain	4.9	OG 1.048	FG 3 1.011	EBC 38.5	IBU 25	BU/GU 0.52	RBR 0.52	Mash F	WH Kettle		Aroma 0.0	DH BJC	P Flaws Ca 0 81	Mg 15	Na 50	75	SO4 200	HCO3 67	SO4/Cl 2.67	SO4+Cl Co 275.00
Saved	19C American Brown Ale	xBmt-20200130 Imperial Yeast A09 Pub vs. Lallemand London ESB	Matt Skillstad	All Grain	4.9	1.056	5 1.019	42.5	23	0.41	0.36	0.0 1	7.5 0.0	5.3	0.0	0.00	2							
Saved Saved	1A Australian Ale 20A American Porter	Aussie Ale Caramel, Chocolate & Biscuit Porter	Steve Nicholls Clibit@homebrewinguk.com	All Grain All Grain	4.6			16.5 48.5	28 45	0.63 0.91	0.64		5.0 5.0 0.0 40.0			0.00	1 100 3 58	15 12	75 50	131 100	200 100	94 67	1.53 1.00	331.00 200.00
Saved	20A American Porter 20A American Porter	Elusive Brewing - Spellbinder (clone) Guinness - West Indies Porter (clone)	Pig Den Brewing	All Grain	5.9 5.4	1.061		60.5	23		0.36		0.0 22.8	0.0	0.0	0.00	3							
Saved Saved	20A American Porter 20A American Porter	Kernel Export India Porter (clone)	AnAnkou@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	6.3	1.057		60.5 82.5	37 51	0.86	0.60		0.0 25.6	11.3 36.5	0.0	0.00 2.62	4 58	12	50	100	100	68	1.00	200.00
Saved Saved	20A American Porter 20A American Porter	Nerdy Brewers - Dark Mode Northern Star™ // Chocolate. Caramel & Biscuit Porter	Nerdy Brewers Northern Monk Brewing Co.	All Grain All Grain	6.3 5.1	1.067		79.0 92.0	37		0.52		0.0 36.6 0.0 19.2		0.0 2.0	0.00	5 58	12	50	100	100	68	1.00	200.00
Saved	20A American Porter	xBmt-20201102 Roasted Grains In Mash vs. Steeped	Matt Del Fiacco	All Grain	6.8	1.062		64.5	21 35	0.57	0.55		0.0 19.2 5.5 0.0	9.9	0.0	0.00	0 58	12	50	100	100	67	1.00	200.00
Saved Saved	20A American Porter 20B American Stout	xBmt-20210628 Impact Peated Malt Has On American Porter American Stout	Andy Carter EspeciallyBitter@homebrewinguk.com	All Grain All Grain	6.7 7.1	1.063		81.5 94.0	30 41	0.47 0.63	0.49		0.0 29.9 0.0 33.0	0.0 3.0	0.0 4.9		1 58	12	50	100	100	67	1.00	200.00
Saved	20B American Stout	American Stout v2	Brewer #107202	All Grain	6.4	1.060	1.011	96.0	48	0.80	0.83	0.0	0.0 44.3	0.0	4.0	0.00	1							
Saved Saved	20B American Stout 20B American Stout	Ragondingue - #009-Mazout Stout Simple Stout (2022)	Ragondingue Craft Beer AdrianDBW@homebrewinguk.com	All Grain	6.2 5.3	1.058		72.5 100.0	53 35	0.92	0.95		0.0 35.1	10.3 34.6		0.00	0 58	12	50	100	100	67	1.00	200.00
Saved	20B American Stout	The Dark Crystal	The Thirsty Otter	All Grain	5.8	1.054	4 1.012	61.5	33	0.59	0.60	0.0	0.0 19.4	11.5	2.3	0.00	1 58	12	50	100	100	67	1.00	200.00
Saved Saved	20B American Stout 20C Imperial Stout	Wellington Stout v1 AnOtter Pastry Stout	EspeciallyBitter@homebrewinguk.com The Thirsty Otter	All Grain	9.5	1.060		75.5 57.5	60 43	1.00 0.44	1.01 0.42		0.0 47.6	12.7 20.3	3.9		4 35	9	49	100	70	17	0.70	170.00
Saved	20C Imperial Stout	Barclay Perkins - Imperial Brown Stout (1848)	Ronald Pattinson	All Grain	9.3	1.102	2 1.031	84.0	170	1.66	1.51	0.0	0.0 140.1	29.5	0.0	0.00	5							
Saved Saved	20C Imperial Stout 20C Imperial Stout	Barclay Perkins - Imperial Brown Stout (1848) - Re-iterated mash IV Brewdog - #101 Cocoa Psycho	Anders Jensen Brewdog	All Grain All Grain	10.0	1.105		118.0 240.0	201 85		0.90		0.0 201.1		0.0		1			-				
Saved	20C Imperial Stout	Chocolate Donut Pastry Stout	Woodshop Brewers	All Grain	8.8	1.096	5 1.029	73.5	61	0.64	0.59	0.0	0.0 47.6	13.7	0.0	0.00	0							
Saved Saved	20C Imperial Stout 20C Imperial Stout	Courage - Russian Imperial Stout (clone) Founders Brewing Co - KBS Imperial Stout (clone)	Rotation@homebrewinguk.com Steve Young (Brew Mountain)	All Grain All Grain	11.2	1.099		87.5 143.0	93 75		0.72		0.0 92.9	23.6	0.0		4 58	12	50	100	100	68	1.00	200.00
Saved	20C Imperial Stout	Goose Island - Bourbon County Brand Stout (clone)	Brouwpunt & Tall Guys	All Grain	12.3	1.125	5 1.031	153.0	87	0.69	0.67	0.0	0.0 86.5	0.0	0.0	0.00	4 11	2	27	11	17	71	1.55	28.00
Saved Saved	20C Imperial Stout 20C Imperial Stout	Hopalaa - Black Coconut (clone) Hopalaa - Black Marshmallow (clone)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	10.5	1.099		110.0 113.0	39 41		0.41		0.0 39.4	0.0	0.0	0.00	4 58 4 58	12	50 50	100	100 100	68	1.00	200.00
Saved	20C Imperial Stout	Hopalaa - Black Tonka (clone)	The Thirsty Otter	All Grain	10.2	1.101		107.0			0.29		0.0 29.5		0.0		4 58	12	49	99	99	67	1.00	198.00
Saved Saved	20C Imperial Stout 20C Imperial Stout	Imperial Ukrainian Stout Kernel 1856 Imperial Brown Stout	Two Neighbours Clibit@homebrewinguk.com	All Grain All Grain	9.6	1.096		96.0 116.0	33 119		0.33 1.22		0.0 28.4	4.3 0.0	0.0	0.00	4 58 4 58	12	50 50	100	100 100	68	1.00	200.00
Saved	20C Imperial Stout	Kernel 1856 Imperial Brown Stout v2	Clibit@homebrewinguk.com	All Grain	10.9	1.096			87		0.99		0.0 87.0		0.0	0.00	2 58	12	50	100	100	67	1.00	200.00
Saved Saved	20C Imperial Stout 20C Imperial Stout	RESIST - Ukrainian Anti-Imperial Stout Resist Anti-Imperial Stout	Pravda Brewery & Newborg Brewery Lana Svitankova, Joe Stange / beerandbrewing.com	All Grain All Grain	9.2	1.089		125.0 168.0	51 48		0.58		5.4 26.0 0.0 47.9	0.0	0.0	0.00	1 58 5 58	12	50 50	100	100 100	68	1.00	200.00
Saved	20C Imperial Stout	xBmt-20200203 Single Vs. Double Aeration	Matt Del Fiacco	All Grain		1.087		128.0	65		0.51		9.9 14.7		0.0		4 50	5	8	78	36	17	0.46	114.00
Saved	21A American IPA	21st Amendment Woolen Socks Cold IPA	Shaun O'Sullivan and the team at 21st Amendment Brewery beerandbrewing.com	All Grain	6.2	1.057		7.7	48	0.85	0.89		0.0 32.5	0.0	15.7	10.57	1 93	15	49	50	250	80	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Bell's - Two Hearted Ale (clone) Black Hops Brewing - Hornet (clone)	BYO Magazine Pig Den Brewing	All Grain All Grain	7.2 5.9	1.068		16.4 13.4	51 33		0.78		0.0 47.2		10.5		3							
Saved	21A American IPA	Brewdog - #310 Clockwork Tangerine	Brewdog	All Grain	5.0	1.049	9 1.011	14.6	20	0.40	0.40	0.0	0.0 12.2	7.4	4.9	49.98	5							
Saved Saved	21A American IPA 21A American IPA	Brewdog - #310 Clockwork Tangerine (clone) v2 Brü It Yourself Curse The Stone Apricot IPL	Brynne Tobbe Paul Amico	All Grain All Grain	7.4	1.060		14.8 15.8	15 79		0.26 1.10		0.0 8.4 1.2 21.1	6.8 32.8	4.2 14.3	48.65 10.80	3 93	15	49	50	250	80	5.00	300.00
Saved	21A American IPA	Citra IPA	jneil1992 / The Malt Miller	All Grain	6.2	1.058	3 1.011	15.0	45	0.78	0.81	0.0	0.0 23.8	17.3	3.9	6.96	0 93	15	49	50	250	80	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Citra IPA SMaSH Dogfish Head 60 minutes IPA (clone)	Clibit@hombrewinguk.com Cheshire Cat@homebrewinguk.com	All Grain All Grain	5.0	1.054		9.3 12.6	52 51		0.91		0.0 23.2		10.1		4 93 0 107	15 9	49 25	50 74	250 228	80 17	5.00 3.08	300.00 302.00
Saved	21A American IPA	Easy IPA v1	EspeciallyBitter@homebrewinguk.com	All Grain	4.6	1.056	5 1.008	16.0	40	0.93	0.97	0.0	0.0 23.8	9.2	7.2	4.11	2 93	15	49	50	250	80	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Fruit Salad IPA Galaxy Ella Mosaic Tropical IPA	lan Downham / The Malt Miller Clibit@homebrewinguk.com	All Grain All Grain		1.039		14.2 16.5	94 61		2.61 1.30		0.0 46.9	35.7	11.2 22.3		6 93 3 93	15 15	49	50 50	250 250	80	5.00	300.00 300.00
Saved	21A American IPA	Gravey's Brewery - Rosemary IPA (clone)	Gravey's Brewery	All Grain	5.5	1.054	1.012	15.8	89	1.64	1.65	0.0	0.0 77.8	7.8	1.0	0.00	4							
Saved Saved	21A American IPA 21A American IPA	Gravey's Brewery - Rosemary IPA (clone) v2 Hopalaa - Planet HBC 522 (clone)	Gravey's Brewery The Thirsty Otter	All Grain All Grain	5.4 6.4	1.054		16.7 8.9	60 20	1.10 0.32	1.08 0.32		0.0 34.1				4	1	+					
Saved	21A American IPA	Hoppy Thing	Nate Lanier / Craft Beer & Brewing	All Grain	6.8	1.064	4 1.012	16.2	52	0.81	0.84	0.0	0.0 4.6	36.4	11.2	4.44	0 93	15	49	50	250	80	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Jacobsen - Yakima IPA (clone) Nelson Sauvin Chaos Theory	The Thirsty Otter The Malt Miller / vaclav	All Grain All Grain	7.0	1.061		13.4 21.0	40 53	0.65	0.65		0.0 20.2	19.5 13.4		0.00	1 107	9	25	74	228	17	3.08	302.00
Saved	21A American IPA	Northern Brewer - Kama Citra	Northern Brewer Homebrew Supply	All Grain	5.3	1.050	1.010	10.0	40	0.81	0.83	0.0	0.0 22.6	16.3	1.4	4.02	3		1					
Saved Saved	21A American IPA 21A American IPA	Northern Brewer - Kama Citra v2 Parasol Down	The Thirsty Otter Crazy Rider	All Grain All Grain	5.3 6.0	1.050		14.8 15.2	40 53	0.80	1.00		0.0 22.4		1.4		0	1	+					
Saved Saved	21A American IPA 21A American IPA	Ragondingue - Irokwa - French IPA Randy Mosher's New OG IPA	Ragondingue Craft Beer The Malt Miller	All Grain All Grain	6.3	1.061	1 1.013	18.3	69 75	1.12	1.13	0.0	0.0 21.0	29.3		24.96	1 93 2 93	15 15	49 49	50 50	250	80 80	5.00 5.00	300.00 300.00
Saved	21A American IPA	Red Five Standing By	Geoffrey Shread	All Grain	6.6	1.059	9 1.009	18.3 27.0	54		1.05 0.97	0.0	0.0 45.3 0.0 13.4	35.8	4.3	1.48 19.00	0 93	15	47		250	60	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Sasquatch Shiva IPA	Patska BitterTed@homebrewinguk.com	All Grain All Grain	6.7 7.5	1.063		8.9 17.9	46 62	0.73 1.00	0.76 1.17		0.0 28.5 0.0 51.5	14.9 10.0	2.7 0.0	0.00 5.50	1 93 1 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00
Saved	21A American IPA	Sierra Nevada - keg fermented	Geoffrey Shread	All Grain	5.3	1.050	1.010	16.2	52	1.05	1.08	0.0	0.0 27.4	11.1	13.8	0.00	2 93	15	49	50	250	80	5.00	300.00
Saved Saved	21A American IPA 21A American IPA	Sierra Nevada - Torpedo Extra IPA (clone) So U Want 2B A Hopstar - Talus	Sierra Nevada / The Malt Miller The Thirsty Otter	All Grain All Grain	7.2 6.4	1.070		19.7 14.2	55 43	0.78 0.68	0.79		0.0 33.9	16.4 30.8	4.3 11.8	2.97 3.75	1 93 0 98	15 15	49 68	50 92	250 208	80 168	5.00 2.26	300.00 300.00
Saved	21A American IPA	The Alchemist - Focal Banger (clone)	Dave Green (BYO Magazine)	All Grain	7.4	1.064	4 1.008	10.6	42	0.65	0.72	0.0	0.0 17.6	0.0	24.1	6.00	1 100	15	50	100	225	53	2.25	325.00
Saved Saved	21A American IPA 21A American IPA	xBmt-20190916 Hop Spider xBmt-20191118 Force Carbonation: Set-And-Forget vs. Burst Carbonation	Brian Hall Brian Hall	All Grain All Grain	6.4	1.062		11.6 11.4	141 64		2.33 0.97		0.0 111.8 0.0 9.1			0.00 6.88	3 93 2 117	15 3	49 10	50 158	250 84	80 17	5.00 0.53	300.00 242.00
Saved	21A American IPA	xBmt-20191230 Rapidase Revelation Aroma	Brian Hall	All Grain	6.4	1.064	1.015	11.4	64	1.00	0.99	0.0	0.0 12.9	51.3	0.0	7.30	2 117	3	10	157	84	17	0.54	241.00
Saved Saved	21A American IPA 21A American IPA	xBmt-20200106 Dry Hop Purging xBmt-20200413 Continuous CO2 Purge At Packaging	Jake Huolihan Cade Jobe	All Grain All Grain	7.0 5.8					2.02 0.27	0.26		0.0 137.9				4 48 5 24	7	8 26	36 54	75 51	17 17	2.08 0.94	111.00 105.00
Saved	21A American IPA	xBmt-20200525 3 vs. 7 Day Dry Hop Length	Jake Huolihan	All Grain	6.6	1.066	5 1.016	13.6	95	1.45	1.42	0.0	0.0 71.0	24.3	0.0	5.76	4 42	2	8	36	75	17	2.08	111.00
Saved Saved	21A American IPA 21A American IPA	xBmt-20200608 SMB At Packaging American IPA xBmt-20200803 Impact Of Wheat Malt On American IPA	Phil Rusher Andy Carter	All Grain All Grain		1.058			81 74		1.32		0.0 14.2				5 93 4 35	15 4	49 8	50 23	250 70	80 17	5.00 3.04	300.00 93.00
Saved	21A American IPA	xBmt-20200914 Dry Hop At Yeast Pitch	Jake Huolihan	All Grain	6.3	1.066	5 1.018	12.0	63	0.95	0.90	0.0	0.0 7.0	55.8	0.0	3.08	1 48	2	8	36	75	17	2.08	111.00
Saved Saved	21B Belgian IPA 21B Belgian IPA	Belgian IPA (20240725) Brouwerij De Ranke - XX Bitter (clone)	Cheshire Cat@homebrewinguk.com guyfrombrussels	All Grain All Grain	7.5 6.0			21.0 33.5	62		0.91 1.06		0.0 46.6				1 81 2 17	15	50 34	75 50	200 25	67 40	2.67 0.50	275.00 75.00
Saved	21B Belgian IPA	Brouwerij De Ranke - XX Bitter (clone) v2	The Thirsty Otter	All Grain	6.0	1.064	1.018	26.5	64	1.00	0.94	0.0	0.0 50.1	12.1	1.6	0.00	4 81	15	50	75	200	67	2.67	275.00
Saved Saved	21B Belgian IPA 21B Belgian IPA	Elusive Brewing - Lord Nelson (clone) Eurohash v1	Pig Den Brewing EspeciallyBitter@homebrewinguk.com	All Grain All Grain	6.4	1.059		11.6 10.2	52 42		0.92		0.0 6.4				3 100	15	75	132	200	94	1.52	332.00
Saved	21B Belgian IPA	Ragondingue - #030-Coyote Hardcore IPA	Ragondingue Craft Beer	All Grain	7.5	1.074	1.017	29.5	82	1.11	1.10	0.0	0.0 77.0	0.0	5.1	94.76	1							
Saved Saved	21B Black IPA 21B Black IPA	Black IPA Black Ninja (2)	GHW@homebrewinguk.com AdrianDBW@homebrewinguk.com	All Grain All Grain	5.4 6.2	1.050		56.0 120.0	42 66		1.02		0.0 26.8				3 93 1 93	15 15	49 49	50 50	249 250	79 80	4.98 5.00	299.00 300.00
Saved	21B Black IPA	Black Ninja Homage	hichaechoc@homebrewinguk.com	All Grain	7.1	1.061	1 1.010	76.0	50	0.82	0.87	0.0	0.0 21.4	28.7	0.0	5.18	0							
Saved Saved	21B Black IPA 21B Black IPA	Blackened Brü It Yourself Juxtaposed Coffee Black IPA	The Thirsty Otter Steve Thanos	All Grain All Grain	7.9 6.6	1.065	5 1.015	71.5 89.5	54 67		0.78 1.02		0.0 34.5				0 55 1 93	15	15 49	30 50	115 250	17 80	3.83 5.00	145.00 300.00
Saved	21B Black IPA	Buxton Brewery - Imperial Black	Buxton Brewery	All Grain	7.5	1.072	2 1.015	60.5	83	1.15	1.17	0.0	0.0 82.6	0.0	0.0	31.60	0							
Saved Saved	21B Black IPA 21B Black IPA	Clib Dark IPA Dank and Piney BIPA	Clibit@homebrewinguk.com GHW@homebrewinguk.com	All Grain All Grain		1.043		40.0 58.5	41 39		0.96		0.0 34.8				4 55 4 100	15	15 75	30 132	115 200	17 94	3.83 1.52	145.00 332.00
Saved	21B Black IPA	Elusive Brewing - Shadow of the Beast (clone)	The Malt Miller	All Grain	5.0	1.047	7 1.009	56.5	52 97	1.09	1.13	0.0	0.0 34.9	6.7	9.9	17.28	3							
Saved Saved	21B Black IPA 21B Black IPA	Firestone Walker - Wookey Jack (clone) Hrungnir BIPA	Thomas S. Pichler Miðgarð Brewhouse (Cawood, North Yorkshire, UK)	All Grain All Grain	7.6 6.4			76.0 56.0	87 58		1.15 1.13		0.0 27.1				1 100	15	75	132	200	95	1.52	332.00
Saved	21B Black IPA 21B Black IPA	Into Darkness Into Darkness - Black IPA	The Thirsty Otter	All Grain	7.5	1.070	1.013	64.5	53	0.75	0.78	0.0	0.0 30.7	22.1	0.0	5.36	0 93	15	49	50	250	80	5.00	300.00 332.00
Saved Saved	21B Brown IPA	Mike "Tasty" McDole - Janet's Brown	Brew HQ Mike "Tasty" McDole	All Grain All Grain	7.5 6.7	1.068	3 1.017	75.0 44.5	60 68	1.01	0.89	0.0 2	1.8 20.9	20.5	2.5	10.00	0 100	15	75	132	200	94	1.52	332.00
Saved Saved	21B Red IPA 21B Red IPA	Amarillo Ale Challenger Ale	Steve@homebrewinguk.com Steve@homebrewinguk.com	All Grain All Grain	5.9 7.1			31.0 33.5	46 43		0.83	0.0	0.0 26.8 0.0 27.3	17.5	1.3	1.48	0							
Saved	21B Red IPA	Clib Red IPA	Clibit@homebrewinguk.com	All Grain	5.1	1.050	1.011	39.0	69	1.37	1.38	0.0	0.0 56.3	0.0	12.2	0.00	5 81	15	50	75	200	68	2.67	275.00
Saved Saved	21B Red IPA 21B Red IPA	DEMONS BLOOD Red rye ipa Elusive Brewing - Level Up Level 21 Citra & Simcoe (clone)	Callum Hall Pig Den Brewing	All Grain All Grain		1.069	9 1.016	42.0 26.0	28 35		0.41 0.70	0.0	0.0 15.0 0.0 12.5	13.2	0.0	7.41	5 93	15	49	50	250	80	5.00	300.00
Saved	21B Red IPA	Fat Sam	Clibit@homebrewinguk.com	All Grain	6.2	1.057	7 1.010	25.0	42	0.73	0.77	0.0	0.0 40.9	0.9	0.0	0.00	0 93	15	49	50	250	80	5.00	300.00
Saved Saved	21B Red IPA 21B Red IPA	Ragondingue - #038- RedЯиМ Red IPA	Ragondingue Craft Beer Clibit@homebrewinguk.com	All Grain Partial Mash	7.0 n 5.6			33.5 24.5	44 40		0.74 0.72		0.0 33.7 0.0 26.3		10.1 13.2		0 93	15	49	50	250	80	5.00	300.00
Saved	21B Red IPA	Red IPA (20220926)	GHW@homebrewinguk.com	All Grain	5.0	1.048	1.010	23.5	45	0.93	0.95	0.0	0.0 40.0	0.0	4.9	8.00	2 81	15	50	75	201	67	2.68	276.00
Saved Saved	21B Red IPA 21B Red IPA	Red Rye In Da Hood IPA Triple A Red IPA	Pig Den Brewing HisDudeness@homebrewinguk.com	All Grain All Grain	6.6	1.062		32.5 22.0	47 52		0.77		0.0 11.8 0.0 37.3				0 93	15	49	50	250	80	5.00	300.00
Saved	21B Red IPA	Verdant Brewing Co - Red Elephant IPA (clone)	SimCity Brewing Est. 2020	All Grain	7.1	1.066	5 1.012	25.0	47	0.70	0.73	0.0	0.0 28.1	16.9	1.6	7.14	0 110	18	16	50	274	31	5.48	324.00
Saved Saved	21B Rye IPA 21B Rye IPA	AnOtter Red Rye IPA Brewdog - #279 Slot Machine	The Thirsty Otter Brewdog	All Grain All Grain	7.9 5.6			27.5 37.0	60 54	0.88 1.01	0.97 1.03		0.0 0.0				0 93	15	49	50	250	80	5.00	300.00
Saved	21B Rye IPA	Brouwerij 't IJ - Red Rye Double IPA (clone)	The Thirsty Otter	All Grain	7.9	1.069	9 1.009	27.5	59	0.87	0.95	0.0	0.0 35.2	17.2	7.0	7.40	0							
Saved Saved	21B Rye IPA 21B Rye IPA	Founders Brewing Co - Red's Rye IPA (clone) Raw Rosehip Rye	The Thirsty Otter George@homebrewinguk.com	All Grain All Grain	7.1 7.0	1.066		41.0 34.5	72 0	1.08	1.13		0.0 36.6				2 4 75	8	18	51	151	34	2.96	202.00
Saved	21B Rye IPA	Short & Shoddy Rye IPA	Mike Neville	All Grain	6.6	1.065	5 1.015	14.8	58	0.89	0.88	0.0	0.0 17.8	40.0	0.0	5.41	1 126	20	8	66	287	23	4.35	353.00
Saved Saved	21B Specialty IPA 21B Specialty IPA	Basic Brewing - Rosemary IPA Brü It Yourself All Citra, No Brakes Session IPA	basicbrewing.com Andy Carter	All Grain All Grain	7.2 5.1			15.2 3.7	122 48		1.72 1.23		0.0 78.6 0.0 15.6				3 93	15	49	50	250	80	5.00	300.00
Saved	21B Specialty IPA	Chi-ennial Mini IPA	Clibit@homebrewinguk.com	All Grain	3.5	1.032	2 1.005	16.4	34	1.08	1.16	0.0	0.0 19.0	0.0	15.3	0.00	3 93	15	49	50	250	80	5.00	300.00
Saved Saved	21B Specialty IPA 21B Specialty IPA	Devil's in the Detail Hopalaa - Dank / West Coast IPA (clone)	scotster / The Malt Miller The Thirsty Otter	All Grain All Grain	6.2	1.054		48.0 25.0	44 81		0.90 1.30		0.0 23.9 0.0 36.1				1 87 0 87	13 13	3	53 53	178 178	17 17	3.36 3.36	231.00 231.00
	1	-parties - and a season of the		r Grann		1.002	1.012	25.5		20			50.1	1 57.0	1 5.5		1 0,	1 20	1 3	1 33	1 2,5	1 2	5.50	

Status Batch #	Style	Name	Author	Туре	ABV	OG	FG	EBC IBI	J BU/GU	RBR	Mash FWH			Aroma DH B.	CP Flaws Ca	Mg	Na	Cl	SO4	HCO3	SO4/CI	SO4+CI	Cost/L
	21B Specialty IPA 21B Specialty IPA	Hopalaa - Hyperjump (clone) Mosaically v2	The Thirsty Otter AhShucks! Brewing / The Thirsty Otter	All Grain All Grain		1.062	1.020 1.013	10.2 24 13.6 59	0.23	0.23 0.97	0.0 0.0 0.0 0.0		23.5 22.6	0.0 42.90 14.0 19.29	5 0 93	15	49	50	250	80	5.00	300.00	$\pm -$
	21B Specialty IPA 21B Specialty IPA	No Name Beer v3 - The Forgotten Child (20231109) Panhead - Quickchange XPA (clone)	EspeciallyBitter@homebrewinguk.com Pig Den Brewing	All Grain All Grain	5.6 4.7		1.011 1.011	22.5 64 7.7 66		1.21 1.39	0.0 0.0 0.0 0.0	58.1	0.0	5.7 0.00 8.4 16.00	0 93	15	49	50	250	80	5.00	300.00	-
Saved	21B Specialty IPA	Simcoe Mosaic IPA	Scott Janish	All Grain	5.0	1.055	1.017	7.9 8:	1.48	1.35	0.0 0.0	17.7	43.2	20.5 6.16	1 122	18	8	91	243	17	2.67	334.00	
Brewed 14 :	21B Specialty IPA 21B Specialty IPA	SMaSH Sabro Summat Red	The Thirsty Otter EspeciallyBitter@homebrewinguk.com	All Grain All Grain	6.6 9.1		1.013 1.013	9.3 60 37.0 60		1.02 0.82	0.0 0.0	0.0 49.4	52.6 11.7	10.4 2.25 1.8 0.00	1 100 0 93	11 15	3 49	134 50	93 250	17 80	0.69 5.00	227.00 300.00	3.93
	21B Specialty IPA 21B Specialty IPA	Summat Red v2 xBmt-20190624 Dry Hop Saturation Point	EspeciallyBitter@homebrewinguk.com Cade Jobe	All Grain All Grain	8.0 6.6		1.011	43.0 79 11.8 65		1.19 0.86	0.0 0.0 0.0 15.4		35.5 0.0	7.1 0.00 49.3 10.08	0 93 1 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved	21B Specialty IPA	xBmt-20200817 Over-Oxygenation in NEIPA	Jake Huolihan	All Grain	5.5	1.058	1.016	11.0 93	1.59	1.51	0.0 0.0	74.3	18.1	0.0 3.00	1 172	2	8	200	150	17	0.75	350.00	
	21B Specialty IPA 21B Specialty IPA	xBmt-20200921 Sulfate To Chloride Ratio in NEIPA xBmt-20200924 Yeast Comparison: LalBrew New England vs. Safale S-04 English Ale	Andy Carter Matt Skillstad	All Grain All Grain	6.6 5.6		1.017 1.018	8.1 79 8.1 21		1.14 0.32	0.0 0.0		75.7	0.0 3.78 11.0 11.13	1 76 4 100	15	67	42 71	124 209	17 178	2.95 2.94	166.00 280.00	-
	21B Specialty IPA 21B White IPA	xBmt-20201012 Short & Shoddy Brut IPA Mosaic IPA	Marshall Schott Cheshire Cat@homebrewinguk.com	All Grain All Grain	5.9 6.0		1.009 1.015	6.9 25 11.0 73	0.47 3 1.19	0.50 1.16	0.0 0.0 0.0 0.0		25.3 27.3	0.0 2.65 11.5 1.32	4 93 2 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
	21B White IPA	None the Wiser	The Thirsty Otter	All Grain	6.3		1.010	9.7 42		0.76	0.0 0.0		34.6	7.3 8.00	1 110	18	16	50	273	31	5.46	323.00	
	21C Hazy IPA 21C Hazy IPA	Amundsen Bryggeri - Apocalyptic Thunder Juice (clone) AnOtter NEIPA (HBC 431)	Fernando López Angulo The Thirsty Otter	All Grain All Grain			1.022	9.9 50 7.7 22		0.63	0.0 0.0		0.0 18.7	0.0 11.79 3.7 4.47	1 2 100	11	16	154	93	17	0.60	247.00	-
Saved	21C Hazy IPA	Citra APA	Colliefish@homebrewinguk.com	All Grain	4.3	1.044	1.011	7.7 28	0.64	0.63	0.0 0.0	5.2	5.7	17.4 8.41	2 100	11	16	154	93	17	0.60	247.00	
	21C Hazy IPA 21C Hazy IPA	Dogfish Need Beer Too East Kent Lager	Fatboy Brewing The Thirsty Otter	All Grain All Grain		1.060	1.016 1.007	8.3 27 7.9 20		0.43	0.0 7.3 0.0 0.0		0.0	15.0 26.08 0.0 0.00	1 39	12	38	75	100	20	1.33	175.00	
	21C Hazy IPA 21C Hazy IPA	English Hopped New England IPA (Godiva) English Hopped New England IPA (Harlequin)	The Thirsty Otter Paul Crowther	All Grain All Grain	6.0	1.064	1.019 1.019	11.4 13 12.4 15		0.19	0.0 0.0 0.0 0.0		0.0	13.2 8.93 15.1 125.02	4 98 4 100	11 11	16 16	151 154	91 93	17 17	0.60 0.60	242.00 247.00	
Saved	21C Hazy IPA	English Hopped New England IPA (Mystic)	Paul Crowther	All Grain	6.2	1.066	1.019	12.4	0.23	0.22	0.0 0.0	0.0	0.0	15.1 125.02	4 100	11	16	154	93	17	0.60	247.00	
	21C Hazy IPA 21C Hazy IPA	English Hopped New England IPA (Olicana) English Hopped New England IPA (Opus)	Paul Crowther Paul Crowther	All Grain All Grain	6.2	1.066	1.019 1.019	12.4 15 12.4 15		0.22	0.0 0.0		0.0	15.1 125.02 15.1 125.02	4 100 4 100	11 11	16 16	154 154	93 93	17 17	0.60	247.00 247.00	
Saved :	21C Hazy IPA 21C Hazy IPA	Even Otters Need Water Four Hops IPA	The Thirsty Otter The Thirsty Otter	All Grain All Grain	6.2		1.015 1.013	9.1 25 9.3 51		0.39 0.83	0.0 7.3 0.0 0.0		0.0 41.0	13.3 13.04 9.7 6.75	0 91 0 100	2 11	50	158 134	100 93	17 17	0.63 0.69	258.00 227.00	
Saved	21C Hazy IPA	Hazy IPA	Jeffrey Coburn@facebook.com	All Grain	6.7	1.061	1.010	10.4 27	0.45	0.48	0.0 0.0	0.0	0.0	27.2 5.37	0 100	11	16	154	93	17	0.60	247.00	
	21C Hazy IPA 21C Hazy IPA	HBC 630 Hopalaa - Cloud #13 (clone)	quella627@brewersfriend The Thirsty Otter	All Grain All Grain	7.6		1.004	8.5 54 10.2 36		1.00 0.54	0.0 0.0		18.5 32.5	35.1 0.00 4.7 5.36	1 100	11	16	155	93	17	0.60	248.00	1
	21C Hazy IPA 21C Hazy IPA	Hopalaa - Cloud #14 (clone) Hopalaa - Planet HBC 431 (clone)	The Thirsty Otter The Thirsty Otter	All Grain All Grain	7.0 6.4		1.016 1.014	10.4 37 7.9 25		0.54	0.0 0.0 0.0 0.0	0.0	32.7 20.8	4.1 24.12 4.2 12.46	1 84	5	24	133	75	17	0.56	208.00	
Saved	21C Hazy IPA	Hopalaa - Planet HBC 472 (clone)	The Thirsty Otter	All Grain	6.4	1.063	1.014	8.9 25		0.39	0.0 0.0	0.0	21.9	2.6 13.75	0								
	21C Hazy IPA 21C Hazy IPA	Idaho-7 Single Hop IPA Juicifixion	Erik Landström The Thirsty Otter	All Grain All Grain	7.0		1.014	7.3 13		0.22	0.0 0.0		0.0 28.3	13.0 177.36 11.6 3.58	5 0 100	11	16	154	93	17	0.60	247.00	-
Saved	21C Hazy IPA	Mean Brews - NEIPA Mosaic IPA v2	Mean Brews	All Grain	6.0	1.063	1.017	11.6 39	0.62	0.59	0.0 0.0	0.0	0.0	39.2 14.94	1 84	5	24	134	75	17	0.56	209.00	
Saved :	21C Hazy IPA 21C Hazy IPA	NEIPA with a-typical hops (20210402)	Cheshire Cat@homebrewinguk.com GHW@homebrewinguk.com	All Grain	6.0 5.6	1.051	1.015	11.0 42 12.6 40	0.79	0.85	0.0 0.0 0.0 29.3	0.0	11.6 0.0	3.7 1.50 10.6 48.24	0 100	11	16	155	93	1/	0.60	248.00	
	21C Hazy IPA 21C Hazy IPA	NEIPAAAAAA!!! Oats in the Water	Chriz och Anders Roach Brewing Co	All Grain	7.0 8.0		1.015 1.018	11.2 39 8.5 18		0.58 0.22	0.0 0.0 0.0 0.0		4.0 17.7	15.2 15.63 0.0 41.80	0								
Saved	21C Hazy IPA	Other Half Brewing - All Together NEIPA (clone)	Alastair Moore / The Malt Miller	All Grain	6.4	1.060	1.011	9.3 23	0.38	0.40	0.0 0.0	7.1	11.2	4.6 16.26	1								
	21C Hazy IPA 21C Hazy IPA	Ragondingue - Lucifer Sam Riwaka's Comet NEIPA	Ragondingue Craft Beer Geoffrey Shread	All Grain All Grain			1.011	8.5 39 8.5 30		0.6	0.0 0.0		6.9 32.5	1.5 2.79 0.0 28.60	0 100 1 100	15	75 16	132 154	200 93	94 17	1.52 0.60	332.00 247.00	
	21C Hazy IPA 21C Hazy IPA	Route 66 Route 66 v2	The Thirsty Otter The Thirsty Otter	All Grain All Grain	6.8		1.010 1.010	10.8 37 10.8 37		0.63	0.0 0.0 0.0 0.0	0.0	23.0 21.1	14.0 4.28 14.0 4.28	0 93 0 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved	21C Hazy IPA	Route 66 v3	The Thirsty Otter	All Grain	6.8	1.060	1.010	10.8 3:	0.49	0.52	0.0 0.0	0.0	18.5	12.1 3.56	0 93	15	49	50	250	80	5.00	300.00	
	21C Hazy IPA 21C Hazy IPA	Sabrotooth NEIPA Sabrotooth NEIPA v2	The Home Brew Network The Home Brew Network	All Grain All Grain	6.3		1.013	8.9 37 8.3 39		0.61	0.0 17.0 0.0 17.8		0.0	19.7 38.39 20.7 38.39	0 100 0 100	7 7	16 16	173 173	50 50	17 17	0.29 0.29	223.00 223.00	-
	21C Hazy IPA	Saints - Neip Neip	Saints bowie92	All Grain	7.0		1.015	10.4 30		0.45	0.0 0.0	30.4	0.0	0.0 4.00	0 100 4 140	15	68	179 180	93	168 17	0.52	272.00	
Saved	21C Hazy IPA 21C Hazy IPA	Salt Beer Factory - Ikat DDH DIPA (clone) Siren - Soundwave (clone)	Walden@homebrewinguk.com	All Grain All Grain	5.0	1.049	1.018 1.011	10.4 10 5.7 5	0.10	0.14 0.10	0.0 0.0 0.0 0.0	0.0	0.0	10.3 85.70 4.9 6.95	6 84	5	24	133	91 75	17	0.51 0.56	271.00 208.00	
	21C Hazy IPA 21C Hazy IPA	Strangeways Brewing - Lemondrop NEIPA (clone) Strata West Coast IPA	davidleonard / The Malt Miller	All Grain All Grain	6.7 5.9		1.013	8.1 4: 10.6 60		0.66 1.21	0.0 0.0 0.0 6.5		7.0	3.6 2.27 8.6 4.77	0 100 5 99	11	16 8	154 52	93 240	17 17	0.60 4.62	247.00 292.00	-
Saved	21C Hazy IPA	Surly Brewing Co - Sabrotooth Tiger (clone)	The Thinks Office	All Grain		1.069	1.020	12.0 23	0.34	0.32	0.0 0.0	0.0	0.0	23.3 13.04	3 100 2 84	11	16	154	93	17 17	0.60	247.00 208.00	
	21C Hazy IPA 21C Hazy IPA	Time & Tide Brewing - Little Urchin (clone) Verdant Brewing - Even Sharks Need Water (clone)	The Thirsty Otter Verdant / The Malt Miller	All Grain All Grain			1.015	7.7 3d 7.5 25		0.61	0.0 0.0 0.0 9.5		0.0	12.3 72.00 15.5 13.03	0 100	11	24 16	133 154	75 93	17	0.56 0.60	247.00	
	21C Hazy IPA 21C Hazy IPA	Verdant Brewing - Even Sharks Need Water (clone) v2 Verdant Brewing - Even Sharks Need Water (clone) v3	The Thirsty Otter VoC Home Brewery	All Grain All Grain	6.4		1.015	9.9 24 7.7 20		0.37	0.0 1.3 0.0 11.1		0.0	22.4 14.08 15.2 13.03	1 100 0 84	11 5	16 24	154 134	93 75	17 17	0.60 0.56	247.00 209.00	-
Saved	21C Hazy IPA	Verdant Brewing - Pulp (clone)	Brookat Broowery	All Grain	7.9	1.072	1.012	9.9 49	0.68	0.72	0.0 0.0	8.9	39.6	0.0 8.50	0 110	18	16	50	273	31	5.46	323.00	
	21C Hazy IPA 21C Hazy IPA	xBmt-20190923 Cold-Side Oxidation: SMB At Packaging NEIPA xBmt-20190926 Early vs Late Kettle Hop Addition	Cade Jobe Matt Skillstad	All Grain All Grain	6.2 5.6		1.017	9.9 0		0.24	0.0 0.0		0.0	0.0 4.02 0.0 7.38	4 24 5 51	9	26 35	54 105	51 75	17 17	0.94 0.71	105.00 180.00	
	22A Double IPA 22A Double IPA	ÅnØtter Dångerøusly Cløse Tø Stüpid AnOtter Red Rye DIPA	The Thirsty Otter The Thirsty Otter	All Grain All Grain	9.8 8.1		1.014 1.009	11.0 95 26.5 92		1.14 1.42	0.0 0.0 0.0 0.0		21.6 24.5	12.6 1.79 7.1 7.40	0 94 1 93	15 15	50 49	51 50	254 250	81 80	4.98 5.00	305.00 300.00	-
Saved	22A Double IPA	Beerworks Founders DIPA	Clibit@homebrewinguk.com	Partial Mash	8.7	1.076	1.010	9.3 29	0.39	0.40	0.0 0.0	29.4	0.0	0.0 7.68	4								
	22A Double IPA 22A Double IPA	Brü It Yourself Double Speed Bump Double IPA Hopalaa - Nebula / DDH DIPA (clone)	Steve Thanos The Thirsty Otter	All Grain All Grain	8.4 8.5		1.015	16.5 12 10.4 34	1 1.52 0.44	1.57 0.48	0.0 0.0		72.8 17.6	0.0 42.30 0.0 39.38	1 93 4 93	15 15	49	50 50	250 250	80 80	5.00	300.00 300.00	1
	22A Double IPA 22A Double IPA	Hopalaa - Stellar / DDH DIPA (clone) Imperial Galactic Space Slush	The Thirsty Otter Vestavind Bryggeri	All Grain All Grain	8.0 8.0	1.073 1.081	1.012	15.0 24 13.2 42	0.32	0.34	0.0 0.0 0.0 0.0		23.5 0.0	0.0 32.04 31.3 23.88	6								
Saved	22A Double IPA	Pliny The Thirsty Otter	The Thirsty Otter	All Grain	8.4	1.077	1.013	14.2 80	1.04	1.10	0.0 0.0	72.5	0.0	7.3 8.48	0 85	14	45	46	229	75	4.98	275.00	
	22A Double IPA 22A Double IPA	Russian River Brewing Co - Pliny the Elder (clone) SMaSH Lemondrop DIPA	BYO Magazine Solbo	All Grain All Grain			1.014 1.014	15.8 13 12.0 83		1.79 1.12	0.0 0.0		0.0	0.0 10.09 9.5 23.00	0 93	15	49	50	250	80	5.00	300.00	
	22A Double IPA 22A Double IPA	Time & Tide Brewing - Monster Soup (clone) To Øl - Dangerously Close To Stupid (clone)	The Thirsty Otter Kasper Skytte Andersen	All Grain All Grain			1.019 1.013	10.2 68 12.0 81		0.84 1.04	0.0 0.0 0.0 0.0		0.0 12.6	6.3 108.00 18.2 11.18	2 93 0 99	15 20	49 10	50 50	250 250	80 22	5.00 5.00	300.00 300.00	
Saved	22A Double IPA	xBmt-20200629 Dry Hop Temperature - Double IPA	Matt Del Fiacco	All Grain	8.8	1.079	1.012	14.8 79	1.01	1.08	0.0 0.0	23.5	55.9	0.0 4.82	0 93	15	49	50	250	80	5.00	300.00	
	22A Double IPA 22A Double IPA	xBmt-20200810 Sucrose vs. Dextrose in Double IPA xBmt-20200907 Impact of Yeast Storage Temperature on Double IPA	Phil Rusher Cade Jobe	All Grain All Grain			1.013 1.011	10.6 10 11.8 99		1.55	0.0 0.0		95.2 1.9	0.0 4.07 0.0 4.23	4 60 2 49	3 15	25 18	50 50	124 132	17 17	2.48	174.00 182.00	-
Saved	22B American Strong Ale	Aedh's Amber Ale	The Malt Miller / robfry2000	All Grain	8.5	1.081	1.016	33.5	0.43	0.44	0.0 0.0	17.9	16.9	0.0 0.00	3								
	22C American Barleywine 22C American Barleywine	Kamoniwannaleiyah xBmt-20200316 Oak Spirals vs. Oak Cubes	John J. Palmer / How To Brew Phil Rusher	All Grain All Grain			1.023 1.020	33.0 98 29.5 6:		0.9	0.0 0.0		0.0 13.3	8.4 0.00 0.0 0.00	0 55 0 52	9	53 50	106 100	80 75	71 67	0.75	186.00 175.00	1
	23B Flanders Red Ale 23F Fruit Lambic	Red Tarn Achterlijk Fruitig Blondje	Pesho77@homebrewinguk.com Brouwerij op 8	All Grain All Grain			1.009	23.5 16 21.0 10		0.30 0.16	0.0 0.0		0.0 10.1	0.0 0.00 0.0 0.00	0 17	4	41	50	25	60	0.50	75.00	1
Saved	23G Gose	Strawberry Fields Forever	The Thirsty Otter	All Grain	4.5	1.037	1.006	6.9 9	0.22	0.24	0.0 0.0	8.9	0.0	0.0 4.20	0 50	7	5	49	75	17	1.53	124.00	
Saved	23G Gose 24A Witbier	The Book Of Sours Acid Witbier	The Thirsty Otter Clibit@homebrewinguk.com	All Grain All Grain	4.3	1.043	1.007 1.010	8.5 10 6.1 19	0.44	0.22 0.44	0.0 0.0 0.0 0.0	19.1	0.0	4.4 0.00 0.0 0.00	2 17 4 20	6	34 29	50 48	25 42	40 28	0.50 0.88	75.00 90.00	
Saved	24A Witbier 24A Witbier	AnOtter Spicy Witbier AnOtter Witbier	The Thirsty Otter The Thirsty Otter	All Grain All Grain	4.7	1.045	1.011 1.010	6.3 14	0.28	0.28 0.28	0.0 0.0 0.0 0.0	13.5	0.0	0.0 0.00 0.0 0.00	0 20 0 20	6	29 29	48 48	42 42	28 28	0.88 0.88	90.00 90.00	
Saved	24A Witbier	Blue Moon Brewing Co Belgian White (clone)	Lakeside Brewery	All Grain	5.4	1.055	1.014	8.7 9	0.16	0.16	0.0 0.0	6.8	1.9	0.0 0.00	5		27		72	20	5.00	, 5.00	
	24A Witbier 24A Witbier	Brewdog - #155 Vote Sepp Brouwpunt - Kruidig Wit	Brewdog Brouwpunt	All Grain All Grain	3.8 4.9		1.008 1.015	5.1 20 7.7 1:		0.56 0.20	0.0 0.0		0.0	1.1 0.00 0.0 0.00	1 51	9	67	18	44	178	2.44	62.00	1.13
Brewed 1	24A Witbier 24A Witbier	Brouwpunt - Witbier Crisp Witty	Brouwpunt Andy Parker / The Malt Miller	All Grain All Grain	4.9 5.4	1.052	1.015 1.010	7.7 1: 7.3 1:	0.21	0.20 0.23	0.0 0.0 0.0 7.2	11.0	0.0 3.7	0.0 0.00 0.0 0.00	1 50 0 17	9	67 34	15 50	44 25	178 40	2.93 0.50	59.00 75.00	1.21
Saved	24A Witbier	Hoegaarden - Wit (clone)	Beer n' BBQ by Larry	All Grain	4.9	1.051	1.014	7.7 15	0.29	0.28	0.0 0.0	8.7	6.3	0.0 0.00	1	4							
	24A Witbier 24A Witbier	Hoegaarden (clone) v2 Layla	Cheshire Cat@homebrewinguk.com Alberto Ramagini	All Grain All Grain	5.9 4.5		1.005 1.011	6.9 18 5.9 18		0.40	0.0 0.0		7.2	0.0 0.00 0.0 0.00	2 17	4	33	50	25	40	0.50	75.00	-
Saved	24A Witbier 24A Witbier	Ragondingue - #029-Coyote Blanche Ragondingue - #037-Harfang	Ragondingue Craft Beer Ragondingue Craft Beer	All Grain All Grain	4.7	1.048	1.012	6.7 14	0.30	0.31	0.0 0.0	9.2	3.9	1.1 0.00	0	1	24	50	25	40	0.50	75.00	
Saved	24A Witbier	Ragondingue - #037-Kraken	Ragondingue Craft Beer	All Grain	5.0	1.050	1.012	6.7 14	0.28	0.28 0.28	0.0 0.0 0.0 0.0	9.2	3.9 3.9	1.1 0.00 1.1 0.00	0 17 0 17	4	34 34	50	25 25	40 40	0.50 0.50	75.00 75.00	
	24A Witbier 24A Witbier	Ragondingue - #037-Kraken v2 Ragondingue - Wanderlust	Ragondingue Craft Beer Ragondingue Craft Beer	All Grain All Grain			1.012	7.1 14 6.1 14		0.28 0.32	0.0 0.0 0.0 0.0		3.9 6.1	1.1 0.00 0.0 0.00	0 17 1 17	4	34 34	50 50	25 25	40 40	0.50 0.50	75.00 75.00	
Saved	24A Witbier	Summer White (Witbier)	Vlieteren Bier	All Grain	5.0	1.050	1.012	6.9 15	0.30	0.30	0.0 0.0	15.2	0.0	0.0 0.00	0 17	4	33	50	25	40	0.50	75.00	
Saved	24A Witbier 24A Witbier	Thyme Wheat Beer Wheat beer / Witbier	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain		1.042	1.011	5.7 20 5.9 19	0.47	0.48	0.0 0.0 0.0 0.0	19.4	0.0	0.0 0.00 0.0 0.00	4 20 4 17	6	29 33	48 50	42 25	28 40	0.88 0.50	90.00 75.00	
	24A Witbier 24B Belgian Pale Ale	xBmt-20191223 Spices: Direct Add vs. Tincture Brasserie de la Senne - Taras Boulba (clone)	Cade Jobe guyfrombrussels	All Grain All Grain	3.7 4.9		1.010 1.010	6.3 14 5.3 69	0.37	0.36 1.51	0.0 0.0 0.0 0.0		1.5 24.6	0.0 0.00 0.0 0.00	2 77	13	38	139	113	17	0.81	252.00	+
Saved	24B Belgian Pale Ale	Brasserie de la Senne - Taras Boulba (clone) v2	The Thirsty Otter	All Grain	4.5	1.038	1.004	4.7 40	1.08	1.22	0.0 0.0	20.6	15.1	4.7 17.85	7								
	24B Belgian Pale Ale 24B Belgian Pale Ale	De Kloninck De Koninck - APA (clone)	culblanc Pig Den Brewing	All Grain All Grain	5.3 5.0		1.018 1.008	17.3 23 8.7 24		0.37 0.56	0.0 0.0		0.0	0.0 0.00 0.0 0.00	5								
Saved	24B Belgian Pale Ale 24B Belgian Pale Ale	First Gold Belgian Smash First Gold Belgian SMaSH	GHW@homebrewinguk.com GHW@homebrewinguk.com	All Grain All Grain	4.3	1.043	1.010 1.010	8.1 20	0.61	0.61	0.0 0.0	11.7	11.3	3.2 0.00 3.0 0.00	6	45	E^	75	200	67	2.67	275.00	
Saved	24B Belgian Pale Ale	Orval (clone)	Cheshire Cat@homebrewinguk.com	All Grain	4.5 6.4	1.056	1.007	17.3 3:	0.55	0.61	0.0 0.0	16.0	11.5	3.4 0.00	5 81	15 15	50 50	75 75	200 200	67	2.67	275.00 275.00	
	24B Belgian Pale Ale 24B Belgian Pale Ale	Ragondingue - #019-Miruvórë Southwold Walloon	Ragondingue Craft Beer EspeciallyBitter@homebrewinguk.com	All Grain All Grain			1.010	16.7 30 18.3 2:		0.60 0.42	0.0 0.0 0.0 3.6		6.1 7.6	9.5 0.00 0.0 0.00	0 2 100	15	75	132	200	94	1.52	332.00	
Saved		Bric-à-Brac v1 Bric-à-Brac v2	EspeciallyBitter@homebrewinguk.com	All Grain	6.8	1.062	1.016	10.6 38	0.62	0.6	0.0 0.0	34.4	3.7	0.0 0.00	4	1 2							
	24C Biere de Garde 24C Biere de Garde	Gollem's Precious	EspeciallyBitter@homebrewinguk.com The Thirsty Otter	All Grain All Grain	7.5		1.014 1.012	12.2 46 19.3 19		0.71	0.0 0.0		17.0 10.4	0.0 0.00 1.3 0.00	0 52	9	50	100	75	68	0.75	175.00	
	24C Biere de Garde 24C Biere de Garde	Ragondingue - #060 Goupil Trois Monts (clone)	Ragondingue Craft Beer David Edgeley	All Grain All Grain	7.7 8.4		1.008 1.010	25.0 23 12.2 19	0.34	0.38	0.0 0.0 0.0 0.0		0.0	0.0 0.00 1.0 0.00	0 65 1 108	8 12	50 6	100 127	75 129	107 21	0.75 1.02	175.00 256.00	1
Javed	ATC DICIE UC GAIUE	Trois Fronta (dione)	David Lugarcy	MII OTAIT	0.4	1.0/4	1.010	12.2	0.23	0.27	0.0 0.0	17.5	0.0	1.0 0.00	1 100	12	. 0	14/	127	Z 1	1.02	230.00	1

Status Batch #	Style	Name	Author	Туре	ABV	OG F	FG	EBC IBU	J BU/GU	RBR	Mash FWI	H Kettle	Late	Aroma	DH BJC	P Flaws Ca	Mg	Na	Cl	SO4	HCO3	SO4/CI	SO4+CI	Cost/L
Saved Saved	25A Belgian Blond Ale 25A Belgian Blond Ale	3-Monts Blonde Abbaye de Leffe - Leffe Blond (clone)	An Ankou@homebrewinguk.com The Malt Miller	All Grain All Grain	6.3		.016 .015	7.9 20 8.9 20		0.30 0.31	0.0 0.0		0.0	0.0		0 17	4	33	50	25	40	0.50	75.00	
Saved Saved	25A Belgian Blond Ale 25A Belgian Blond Ale	Abbaye de Leffe - Leffe Blond (clone) v2 AnOtter Belgian Blond Ale	Candi Syrup The Thirsty Otter	All Grain All Grain	7.4	1.067 1.0	.011	7.7 22 10.0 20	0.33	0.35	0.0 0.0	17.7	4.3	0.0	0.00	1 17	4	33	50	25	40	0.50	75.00	
Saved	25A Belgian Blond Ale	Basic Brewing - No Chill Belgian Golden Ale	basicbrewing.com	All Grain	6.8	1.062 1.0	.010	8.1 21	0.45	0.48	0.0 0.0	25.2	6.7	0.0	0.00	2								
Saved Saved	25A Belgian Blond Ale 25A Belgian Blond Ale	Brouwpunt - Blond Bier Clib Belgian Blonde	Brouwpunt Clibit@homebrewinguk.com	All Grain All Grain	5.8	1.058 1.0 1.051 1.0	.007	12.4 23 9.9 22	0.42	0.44	0.0 0.0	19.1	7.6 0.0	2.5	3.32	3 17	4	34	50	25	40	0.50	75.00	
Saved Saved	25A Belgian Blond Ale 25A Belgian Blond Ale	De Koninck - Blonde (clone) Leffe Blonde (clone)	Pig Den Brewing Cheshire Cat@homebrewinguk.com	All Grain All Grain			.007	9.5 33 14.8 12		0.66	0.0 0.0 3.2 0.0		5.6 8.3	0.0	0.00	4 46	2	27	65	71	17	1.09	136.00	
Saved Saved	25A Belgian Blond Ale 25A Belgian Blond Ale	Lille Holmgård Håndbryg - Tournesoll's Lillebror (clone) Saaz Pale Ale	The Thirsty Otter The Thirsty Otter	All Grain All Grain	6.0	1.056 1.0	.010	13.8 18 10.8 17	0.32	0.34 0.27	0.0 0.0	10.4	7.4 3.1	0.0 1.2	0.00	2 46 0 46	2 2	27 27	65 65	71 71	17 17	1.09 1.09	136.00 136.00	
Saved	25A Belgian Blond Ale	Uithoornse Zot	The Thirsty Otter	All Grain	6.2	1.051 1.0	.007	9.3 19	0.36	0.40	0.0 0.0	12.9	6.3	0.0	0.00	2 17	4	34	50	25	40	0.50	75.00	
Saved Saved	25B Saison 25B Saison	Achterlijk Saison Blondje Belle Saison Saison	Martijn Imhoff hichaechoc@homebrewinguk.com	All Grain All Grain	3.8	1.033 1.0	.006	11.0 34 10.0 29	0.85	0.71	0.0 21.8 0.0 0.0	27.2	8.2 0.0	3.9 1.4		3 36	7	27	64	69	17	1.08	133.00	
Saved Saved	25B Saison 25B Saison	Citra Aurora Saison Double Trouble Raspberry Hibiscus Saison (Galaxy)	Clibit@homebrewinguk.com Mike Neville / Brü It Yourself	All Grain All Grain			.005	16.7 25 8.5 28		0.54	0.0 0.0		14.2 3.3	4.5 0.0	0.00 5.16	0 93 1 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved Saved	25B Saison 25B Saison	Double Trouble Raspberry Hibiscus Saison (Sabro) Dupont - Vieille Provision (clone)	Mike Neville / Brü It Yourself An Ankou@homebrewinguk.com	All Grain All Grain			.006	8.3 28 6.9 26		0.51	0.0 0.0		3.3 0.0	0.0 3.0		1 93 2 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved Saved	25B Saison 25B Saison	Elderflower Saison Elderflower Saison (GHW)	David Edgeley GHW@homebrewinguk.com	All Grain All Grain			.003	9.7 31 7.3 23		0.70 0.43	0.0 0.0		8.9 4.3	0.0	0.00	1 50 2 93	9 15	26 49	75 50	75 250	41 80	1.00 5.00	150.00 300.00	
Saved Saved	25B Saison 25B Saison	Forks in the Road - Loral Saison Munich Saison 29	Joe Stange	All Grain	5.4	1.048 1.0	.007	6.3 37	0.77	0.83	0.0 0.0	17.2	9.5	10.4	10.50	4 93		49	50				300.00	
Saved	25B Saison	Ragondingue - #034-Chacal	Womble@homebrewinguk.com Ragondingue Craft Beer	All Grain All Grain	6.2	1.051 1.0	.006	14.2 23 10.8 29	0.58	0.52	0.0 0.0	25.3	0.0	0.0 4.0	0.00	0 93	15 15	49	50	250 250	80 80	5.00 5.00	300.00	
Saved Saved	25B Saison 25B Saison	Saison (20190418) Saison (20210514)	AdrianDBW@homebrewinguk.com GHW@homebrewinguk.com	All Grain All Grain			.006	20.0 28 6.5 31		0.61	0.0 0.0		7.5	0.0 4.2		0 93 3 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved Saved	25B Saison 25B Saison	Saison (20220403) Saison (20230315)	Miðgarð Brewhouse Ceejaydubya69@homebrewinguk.com	All Grain All Grain			.003	10.0 28 11.6 22		0.65	0.0 0.0		23.9 3.2	3.5 0.0	0.00	0 93 1 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved Saved	25B Saison 25B Saison	Saison (20230329) Saison 585	EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain			.006	9.5 19 13.4 33	0.35	0.39	0.0 0.0	12.7	4.0 0.0	2.0 1.8	0.89	3 36 2 92	7 15	27 49	63 50	39 248	17 80	0.62 4.96	102.00 298.00	
Saved	25B Saison	Saison No 1	An Ankou@homebrewinguk.com	All Grain	6.0	1.052 1.0	.006	7.1 29	0.56	0.62	0.0 21.5	5 0.0	5.2	2.4	0.00	1 93	15	49	50	250	50	5.00	300.00	
Saved Saved	25B Saison 25B Saison	Sour Cherry Saison Starter Saison	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	5.0	1.046 1.0	.006	13.2 13 6.9 38	0.83	0.41	0.0 0.0	32.1	0.0	0.0 5.9	0.00	2 93 5	15	49	50	250	80	5.00	300.00	
Saved Saved	25B Saison 25B Saison	Szechuan Saison Table Saison	clibit@homebrewinguk.com jim-stiff / The Malt Miller	All Grain All Grain			.005	5.1 34 7.5 27		0.84	0.0 0.0		0.0	10.8 4.6		4 93 4 93	15 15	49 49	50 50	250 250	80 80	5.00	300.00	
Saved Saved	25B Saison 25B Saison	Tis the Saison v1 Waka Dreamboat Saison	EspeciallyBitter@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain			.004	17.7 38 7.7 25		0.72	0.0 0.0		13.2	7.0 6.5	0.00	2 93 2 93	15 15	49 49	50 50	250 250	80 80	5.00 5.00	300.00 300.00	
Saved	25B Saison	Wyeast 3711 French Saison	GHW@homebrewinguk.com	All Grain	6.3	1.057 1.0	.009	16.2 30	0.52	0.56	0.0 0.0	24.2	5.8	0.0	0.00	1 93	15	49	50	250	80	5.00	300.00	
Saved Saved	25B Saison 25B Saison	xBmt-20200217 Closed vs. Open Fermentation Saison xBmt-20200727 Ferm Temp: A44 Kveiking	Matt Del Fiacco Cade Jobe	All Grain	6.6	1.064 1.0	.020	8.5 22 8.5 25	0.39	0.27	0.0 18.9	17.1	7.9	0.0	0.00	5 39 3 42	10 11	25 18	65 58	81 87	17	1.25	146.00 145.00	
Saved Saved	25B Saison 25C Belgian Golden Strong Ale	xBmt-20200824 Natural vs. Force Carb Saison Abbaye Strong Ale	Andy Carter Womble@homebrewinguk.com	All Grain All Grain			.013	7.3 69 8.5 35		1.30 0.49	0.0 0.0 0.0 0.0		29.5 0.0	0.0	0.00	5 47 2 81	5 15	8 50	47 75	71 200	17 67	1.51 2.67	118.00 275.00	
Saved Saved	25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale	Brasserie 3 Monts - 3 Monts (clone) Ghostfish Heimdall's Draught	Geoff Alworth Ghostfish Brewing	All Grain All Grain		1.084 1.0	.019	9.3 26 16.7 29	0.31	0.31	0.0 0.0	26.0	0.0	0.0	0.00	1 23 2 23	9	20 19	40 41	63 61	17 17	1.58 1.49	103.00 102.00	
Saved Saved Brewed 19	25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale	Mean Brews - Belgian Golden Strong Ale Never Give Up!	Mean Brews The Thirsty Otter	All Grain All Grain	8.9	1.075 1.0	.007	7.9 30 8.1 28	0.40	0.45	0.0 0.0	23.9	6.2	0.0		0 23 0 33	9	20	40	62	17 20	1.55	102.00 102.00 150.00	3.45
Brewed 20	25C Belgian Golden Strong Ale	Never Give Up! v2	The Thirsty Otter	All Grain	8.7	1.070 1.0	.007	8.1 28	0.38	0.43	0.0 0.0	23.7	4.1	0.0	2.14	0 33	9	38	75	75	20	1.00	150.00	2.77
Brewed 21 Saved	25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale	Never Give Up! v3 Putin Huylo - Dry Hopped Golden Ale	The Thirsty Otter Stimpygato	All Grain All Grain			.007	8.1 28 13.6 27		0.43	0.0 0.0		4.1 10.4	0.0	2.14 13.65	0 33 1 33	9	38 38	75 75	75 74	20 19	1.00 0.99	150.00 149.00	2.47
Saved Saved	25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale	The Bruery - Mischief (clone) Three French Hens	Christian Keays AdrianDBW@homebrewinguk.com	All Grain All Grain			.006	10.2 37 14.0 22		0.57	0.0 0.0		3.8 8.7	2.8 0.0		3 33 2 23	9	38 20	75 40	75 62	20 17	1.00 1.55	150.00 102.00	
Saved Saved	25C Belgian Golden Strong Ale 25C Belgian Golden Strong Ale	Womble's Belgian Strong Ale xBmt-20191104 Candi Sugar vs Candi Syrup	An Ankou@homebrewinguk.com Phil Rusher	All Grain All Grain	8.8	1.076 1.0	.009	7.5 34 8.5 29	0.45	0.50 0.36	0.0 0.0	34.1	0.0 14.7	0.0	0.00	2 23 0 33	9	20 38	40 75	62 75	17 20	1.55 1.00	102.00 150.00	
Saved	26A Belgian Single	Janus Patersbier	Clibit@homebrewinguk.com	All Grain	3.0	1.030 1.0	.007	13.8 33	1.10	1.10	0.0 0.0	30.9	0.0	1.7	0.00	5 17	4	34	50	25	40	0.50	75.00	
Saved Saved	26A Belgian Single 26A Belgian Single	Ragondingue - #033-Crazy Monk Ragondingue - #056-It's a Trap	Ragondingue Craft Beer Ragondingue Craft Beer	All Grain All Grain	5.5	1.051 1.0	.010	9.5 32 9.7 35	0.69	0.64	0.0 0.0	26.9	17.9 8.4	0.0		0 52	9	50	100	75	67	0.75	175.00	
Saved Saved	26A Belgian Single 26B Belgian Dubbel	Ragondingue - It's a Trap Cherry Dubbel (All Grain)	Ragondingue Craft Beer John J. Palmer - How To Brew	All Grain All Grain			.012	10.2 33 40.5 21		0.62	0.0 0.0		29.8	0.0		2 17 1 52	9	34 51	50 101	25 76	40 68	0.50 0.75	75.00 177.00	
Saved	26B Belgian Dubbel 26B Belgian Dubbel	Cherry Dubbel (Partial Mash)	John J. Palmer - How To Brew Clibit@homebrewinguk.com	Partial Mash All Grain			.013	41.5 20 42.5	0.28	0.29	0.0 0.0	19.7	0.0	0.0	0.00	1 molete						\Box		
Saved	26B Belgian Dubbel 26B Belgian Dubbel	Dubbel (Brewing Classic Styles) Dumb Luck Dubbel	J. Zainasheff & J. Palmer Josh Weikert / beerandbrewing.com	All Grain All Grain	7.6	1.070 1.0	.012	32.5 20 56.5 23		0.31	0.0 0.0		0.0 5.8	0.0	0.00	0 52	9	50	100	75	68	0.75	175.00	
Saved	26B Belgian Dubbel	La Trappe Isid'or (clone)	Brouwhuis HOOG	All Grain	7.6	1.071 1.0	.013	23.0 28	0.39	0.41	0.0 0.0	14.3	13.5	0.0	0.00	3								
Saved Saved	26B Belgian Dubbel 26B Belgian Dubbel	Vlieteren Bier - Dubbel Westvleteren 8 (clone)	Vlieteren Bier Candi Syrup	All Grain All Grain			.011	28.0 21 49.5 40		0.31	0.0 0.0		7.3	0.0	0.00	1 52 6 52	9	50 50	100	75 75	68 68	0.75	175.00 175.00	
Saved Saved	26B Belgian Dubbel 26B Belgian Dubbel	Westvleteren 8 (clone) v2 xBmt-20201005 Frozen vs. Tincture Plums Belgian Dubbel	An Ankou@homebrewinguk.com Cade Jobe	All Grain All Grain			.011	41.0 34 32.5 24		0.52	0.0 0.0		3.2 0.0	0.0	0.00	5 52 4 52	9	50 50	100 110	75 75	68 68	0.75 0.68	175.00 185.00	
Saved Saved	26B Belgian Dubbel 26C Belgian Tripel	Your Best Belgian Dubbel Achterlijk Donker Blondje	Josh Weikert / Craft Beer & Brewing Bert Imhoff	All Grain All Grain	7.7	1.074 1.0	.015	58.5 23	0.31			16.4	5.6	0.0	0.00	2 52	9	50	100	75	67	0.75	175.00	
Saved	26C Belgian Tripel	Achterlijk Hoppig Blondje	Bert Imhoff	All Grain	8.0	1.075 1.0	.014	17.1 22 11.4 31	0.41	0.43	0.0 21.3	3 9.6	0.0	0.0	8.30	0								
Saved Saved	26C Belgian Tripel 26C Belgian Tripel	Achterlijk Lekker Blondje Belgian Tripel (20210325)	Bert Imhoff Clibit@homebrewinguk.com	All Grain Partial Mash			.008		0.62	0.53	0.0 34.8	27.9		0.0	0.00	4							\vdash	
Saved Saved	26C Belgian Tripel 26C Belgian Tripel	Belgian Tripel (20220218) Brewferm Wheat Tripel	Womble@homebrewinguk.com Brewferm	All Grain Extract			.014	7.5 34 10.2 25		0.45	0.0 0.0		0.0	0.0	0.00	1 33	9	38	75	75	20	1.00	150.00	
Saved Saved	26C Belgian Tripel 26C Belgian Tripel	Brewferm Wheat Tripel v2 Brewferm Wheat Tripel v3	Womble@homebrewinguk.com The Thirsty Otter	All Grain	7.0	1.063 1.0	.010	7.7 27 8.1 26	0.43	0.46	0.0 0.0	25.1		2.1	0.00	3 33 1 33	9	38 38	75 75	75 75	20 20	1.00	150.00 150.00	
Saved	26C Belgian Tripel	Brouwerij De Ranke - Guldenberg	Nino Bacelle / Beer & Brewing	All Grain	7.1	1.068 1.0	.014	7.1 51	0.75	0.76	0.0 0.0	49.5	0.0	1.3	1.48	6 33	9	38	75	75	20	1.00	150.00	
Saved Saved	26C Belgian Tripel 26C Belgian Tripel	Misty Wit Tripel Three Blind Mice - Tripel	Womble@homebrewinguk.com Gryningsbryggeriet	All Grain All Grain	8.3 8.7		.010	8.3 21 11.4 29		0.32	0.0 0.0		0.0	0.0		2 33 0 33	9	38 38	75 75	75 75	20 20	1.00	150.00 150.00	
Saved Saved	26C Belgian Tripel 26C Belgian Tripel	Tripel Westmalle Trappist - Tripel (clone)	Robert@homebrewinguk.com Ivan Regal	All Grain All Grain			.008	10.4 38 6.7 34		0.54	0.0 0.0		10.0 4.0	0.0		0 100 2 33	15 9	75 38	131 75	200 75	95 20	1.53 1.00	331.00 150.00	
Saved Saved	26C Belgian Tripel 26D Belgian Dark Strong Ale	xBmt-20200601 Staggered Sugar Additions Achterlijk Donker Blondje v2	Cade Jobe Bert Imhoff / The Thirsty Otter	All Grain All Grain	8.9	1.078 1.0	.010	8.5 13 28.0 22	0.17	0.19	0.0 0.0	11.2		0.0	0.00	4 34	10	39	77	78	20	1.01	155.00	
Saved Saved	26D Belgian Dark Strong Ale	Basic Brewing - Belgian Dark Strong Ale	basicbrewing.com	All Grain	8.4	1.078 1.0	.014	34.0 24	0.30	0.31	0.0 0.0	23.5	0.0	0.0	0.00	0 100	15	75	104	200	94	1.53	331.00	
Saved	26D Belgian Dark Strong Ale 26D Belgian Dark Strong Ale	Hertog Jan - Grand Prestige (clone) Kwak (clone)	Christ71@homebrewinguk.com / Kennemer Wijn en Bier Cheshire Cat@homebrewinguk.com	All Grain	8.0	1.070 1.0	.015	29.5 21 34.5 26	0.37	0.26	0.0 0.0	18.5	7.5	0.0	0.00	3 59	15 12	75 50	131	100	67	1.00	200.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Barclay Perkins KKK (1886) Bier Behekst	Ronald Pattinson Ernst de Moor	All Grain All Grain	6.2	1.059 1.0	.014	20.0 131 24.0 0	0	0	0.0 0.0	0.0		0.0		3 34 3 100	9 15	37 75	75 131	74 200	23 95	0.99 1.53	149.00 331.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Courage 1920s KKK Courage X Ale (1914) v1	EspeciallyBitter@homebrewinguk.com EspeciallyBitter@homebrewinguk.com	All Grain All Grain			.012 .016	42.5 66 45.0 25		1.09 0.43	0.0 0.0 0.0 3.8		14.0 0.0	0.0	1.39 0.00	0 81 0 57	15 6	50 17	75 46	200 107	67 33	2.67 2.33	275.00 153.00	
Saved Saved	27 Historical Beer 27 Historical Beer	De Aker - Oud Wit (1869) De Aker - Vlootbier (1869)	Inkoopcommissie ('t Wort Wat) Roel Mulder	All Grain All Grain		1.076 1.0	.019	6.9 40 3.0 20	0.52	0.51 0.84	0.0 0.0	39.9	0.0	0.0	0.00	0 20 1 100	6 15	29 75	49 132	42 200	28 94	0.86 1.52	91.00 332.00	
Saved	27 Historical Beer	Doctor's XX Mild	EspeciallyBitter@homebrewinguk.com	All Grain	8.5	1.082 1.0	.017	16.4 80	0.97	0.99	0.0 0.0	79.7	0.0	0.0	0.00	0 33	9	38	75	75	20	1.00	150.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Dublin Castle Ale (1574) Elgood - Stout (1964)	Susan Flavin - Beer and Brewing Ronald Pattinson	All Grain All Grain	3.2	1.030 1.0	.010	7.9 17 39.0 20	0.68	0.38	0.0 0.0 0.0 0.0	20.0	0.0	0.0	0.00	0 100	15	75	132	200	94	1.52	332.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Extra Pale Ale Fuller's Brewery - Porter (1945)	Robert@homebrewinguk.com Ronald Pattinson	All Grain All Grain			.009	9.9 58 82.0 16		1.02 0.58	0.0 0.0 0.0 0.0		8.2 0.0	0.0		0 100	15	75	131	200	95	1.53	331.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Mew Langton Porter (1884) Mew Langton XXXX (1885)	Ronald Pattinson Ron Pattinson	All Grain All Grain			.007	69.5 53 11.8 120		1.10 1.19	0.0 0.0		0.0 28.7	0.0	0.30 1.25	0 100 3 34	15 9	75 37	132 75	200 74	94 23	1.52 0.99	332.00 149.00	
Saved	27 Historical Beer	Mew, Langton & Co. 1884 Porter v1	EspeciallyBitter@homebrewinguk.com	All Grain	5.3	1.055 1.0	.015	66.0 45	0.82	0.78	0.0 0.0	44.1	0.0	1.1	0.00	0 100	15	75	131	200	94	1.53	331.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Midas Touch Mørk Mumme 2/3	Pesho77@homebrewinguk.com LisKurt	All Grain	7.1	1.066 1.0	.022	9.7 14 90.5 36	0.55	0.17 0.57	0.0 0.0 0.0 0.0	29.0	7.1	0.0	0.00	0 49	10	68	92	70	168	0.76	162.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Original Porter (1750) Running Porter (Reid's 1877)	Horseshoe Brewery, London EspeciallyBitter@homebrewinguk.com	All Grain All Grain	6.0	1.060 1.0	.023	103.0 102 65.5 46		1.09 0.75	0.0 0.0		0.0	0.0		0 58	12	50	99	100	67	1.01	199.00	
Saved Saved	27 Historical Beer 27 Historical Beer	T.D.Ridley & Sons ESX Best Truman Porter (1890)	Tinbeerwah Ronald Pattinson	All Grain All Grain	4.7	1.047 1.0	.011	20.5 34 66.5 69	0.71	0.71 1.25	0.0 0.0	33.7	0.0	0.0	0.00	0 60 0 58	15 12	50 50	75 100	150 100	67 67	2.00 1.00	225.00 200.00	
Saved	27 Historical Beer 27 Historical Beer 27 Historical Beer	Truman Running Porter Truman's X Ale 1909 v1	Robert@homebrewinguk.com	All Grain	5.8	1.059 1.0	.015	55.0 88	1.49	1.45	0.0 0.0	87.6	0.0	0.0	1.00	3 58	12	50	100	100	67	1.00	200.00	
Saved Saved	27 Historical Beer	Watney Combe Reid & Co - Ale KKKK (1853)	EspeciallyBitter@homebrewinguk.com Tinbeerwah	All Grain All Grain	10.0	1.106 1.0	.009	19.7 43 12.4 159	1.49	1.39	0.0 0.0	158.7	0.0	0.0	1.80	0 100 5 100	15 15	74 75	131	200 199	93 97	1.53	331.00 329.00	
Saved Saved	27 Historical Beer 27 Historical Beer	Watney Combe Reid & Co - British Pale Ale 1839 Whitbread's London Porter (1850)	Whitbread's Porter Brewery Chiswell Street, London	All Grain All Grain	6.2	1.063 1.0	.014	79.0 182 78.0 73	1.15	3.13 1.12	0.0 0.0	73.0	0.0	0.0	0.00	3 112 0 58	13 12	26 50	130 100	162 100	41 67	1.25 1.00	292.00 200.00	
Saved Saved	27 Historical Beer 27 Historical Beer	William Black's X Ale (1849) William Younger XXXX (1898)	Devanha Brewery Ronald Pattison	All Grain All Grain			.016	9.9 28 10.2 97		0.43 1.31	0.0 0.0		0.0	0.0		0 33 1 100	9 15	38 75	75 132	75 200	20 94	1.00 1.52	150.00 332.00	
- JUYCU			Durden Park	All Grain			.017	63.0 48		0.70	0.0 0.0			0.0		0 58	12	50	100	100	67	1.00	200.00	
Saved	27 Historical Beer	Younger's Export Stout (1897) Wevermann - Kellerhier					_										7							
Saved Saved Saved	27 Kellerbier 27 Kentucky Common	Weyermann - Kellerbier Kentucky F-Ryed Chicken v2	Foleybrau EspeciallyBitter@homebrewinguk.com	All Grain All Grain	4.9 5.0	1.044 1.0 1.050 1.0	.007	9.5 23 32.0 31	0.53 0.63	0.57 0.62	0.0 0.0 0.0 0.0	19.4	3.5 21.3	0.0	0.00	2 46 3 81	7 15	50 50	100 75	50 200	68 68	0.50 2.67	150.00 275.00	
Saved Saved	27 Kellerbier	Weyermann - Kellerbier	Foleybrau	All Grain	4.9 5.0 4.7	1.044 1.0 1.050 1.0	.007 .012 .014	9.5 23	0.53 0.63 0.48	0.57	0.0 0.0 0.0 0.0 0.0 0.0	19.4 10.1 12.4	3.5 21.3 8.8	0.0 0.0 2.7	0.00 0.00 0.00	2 46	7	50	100	50	68	0.50	150.00	

Status Batch #	Style 27 Piwo Grodziskie	Name Piwo Grodziskie v2	Author Christ71@homebrewinguk.com	Type All Grain	ABV 3.2		FG 1.005	EBC 6.7			.99 0.0	sh FWH 20.0		Late 7.4		DH BJC	P Flaws Ca	Mg 12	Na 17	CI 50	SO4 100	HCO3 32	SO4/CI 2.00	SO4+Cl 150.00	Cost
Saved	27 Roggenbier	Roggenbier (20190708)	AdrianDBW@homebrewinguk.com	All Grain	6.3	1.066	1.018	46.5	16 0.	.24 (.23 0.0	0.0	11.7	4.3	0.0	0.00	4 77	14	48	71	190	65	2.68	261.00	
Saved Saved	27 Sahti 27 Sahti	Paavo Pruul's Koduõlu Paavo Pruul's Koduõlu v2	Lars Marius Garshol Lars Marius Garshol	All Grain All Grain	7.9	1.079	1.019 1.019	15.4 14.2	9 0.	.11 (.12 0.0	0.0	9.2 8.8	0.0	0.0	0.00	0 100 0 100	15 15	75 75	138 132	164 200	168 95	1.19 1.52	302.00 332.00	
Saved	27 Sahti 27A Gose	sudo apt-get install beer Gozeman Montana	The Thirsty Otter Planck Beer	All Grain All Grain	8.7 5.8		1.018	13.8 8.7			.08 0.0	_	7.1	0.0		0.00	0 100	15	75	132	200	94	1.52	332.00	
Saved Saved	28A Brett Beer 28A Brett Beer	Clibdon Black Stuff Tropical Pale Ale (20230131)	Clibit@homebrewinguk.com Clibit@homebrewinguk.com	All Grain All Grain	4.6		1.008	71.0 13.4	27 0.	.62 0	.65 0.0		27.0 0.0	0.0 11.5	0.0	2.13	0 100 0 100	15 15	75 75	132 131	200 200	94 94	1.52 1.53	332.00 331.00	
Saved	28B Mixed-Fermentation Sour Beer	Mango sour no boil	Beercat@homebrewinguk.com	All Grain	5.0		1.000	5.9			.80 0.0	0.0	39.8	0.0		0.00	0 100	15	75	131	200	95	1.53	331.00	
Saved	28B Mixed-Fermentation Sour Beer 29A Fruit Beer	Sour Belgian/American Wheat Beer Brewdog - #310 Clockwork Tangerine (clone) v3	Miðgarð Brewhouse (Cawood, North Yorkshire, UK) Biggles Brewery	All Grain All Grain	4.9	1.045	1.008	25.0	23 0.	.51 (.54 0.0		8.9	7.5	6.5 6	0.90	0								<u> </u>
Saved	29A Fruit Beer 30A Spice, Herb or Vegetable Beer	Lindsey Brewery - Blackberry stout Artemis Gruit	Lindsey Brewery Miðgarð Brewhouse (Cawood, North Yorkshire, UK)	All Grain All Grain	7.2		1.016 1.008	97.5 40.5			.47 0.0	_	22.1 11.6	11.0 0.0		0.00	0 100	15	75	131	200	94	1.53	331.00	<u> </u>
Saved	30A Spice, Herb or Vegetable Beer	Lionn Dorcha Agus Cunnartach	George@homebrewinguk.com	All Grain	5.0	1.051	1.013	45.0	13 0.	.25 0	.24 0.0	0.0	12.9	0.0	0.0	0.00	0 100	15	75	132	200	94	1.52	332.00	
Saved 6	30A Spice, Herb or Vegetable Beer 30B Autumn Seasonal Beer	Mugwort Gruit Brouwpunt - Sinterklaas Special	Miðgarð Brewhouse (Cawood, North Yorkshire, UK) Brouwpunt	All Grain All Grain			1.015	12.8 15.2		_	0 0.0		0.0 16.8	0.0 3.7		0.00	2 100 0 43	15 15	75 67	132 75	200 68	94 178	1.52 0.91	332.00 143.00	2.60
	30B Autumn Seasonal Beer 30B Autumn Seasonal Beer	Pumpkin Ale Pumpkin Spiced Coffee Porter	Chris Colby / Mark Pasquinelli Craft Beer Channel / The Malt Miller	All Grain All Grain	6.2	1.059	1.012 1.018	29.5 48.5	38 0.	.65 0	.66 0.0	0.0	38.0 26.0	0.0	0.0	0.00	0								
Saved	30B Autumn Seasonal Beer	Saint Nicholas Special	The Thirsty Otter	All Grain	6.7	1.056	1.007	10.2	25 0.	.42 0	.47 0.0	0.0	0.0	22.1	2.4	.00	1 100	15	75	132	200	94	1.52	332.00	
Saved	30B Autumn Seasonal Beer 30C Winter Seasonal Beer	Samiclaus Great Lakes Brewing Co - Christmas Ale (clone)	Inkoopcommissie ('t Wort Wat) Joe Cole	All Grain All Grain			1.016	17.3 26.5			0.2 0.0		20.2	3.3 5.1		0.00	2 100	15	75	131	200	94	1.53	331.00	
Saved	30C Winter Seasonal Beer 30C Winter Seasonal Beer	Hell's Bells Christmas Ale Wadworth - Old Timer (clone)	mad scientiest@brewersfriend.com EspeciallyBitter@homebrewinguk.com	Extract All Grain	8.0 5.8	1.073	1.014	53.5	29 0.	.38 0	.39 0.0	0.0	26.0	2.8	0.0	0.00	0 100	15	75	122	200	94	1.52	332.00	
Saved Saved	31A Alternative Grain Beer	Back To The Future	The Thirsty Otter	All Grain	4.7	1.048	1.009	25.0 19.3			.67 0.0		26.3 11.2	5.2 17.6		2.68	0 100	15 15	75 75	132 132	200	94	1.52 1.52	332.00	\vdash
Saved Saved	31A Alternative Grain Beer 31A Alternative Grain Beer	Còco Ceann-daoraich Sabhs Moose Drool	George@homebrewinguk.com Cheshire Cat@homebrewinguk.com	All Grain All Grain	6.8 5.8		1.011	25.5 46.0			.65 0.0		0.0 28.2	0.0 6.1		.14	3 100 0 100	15 15	75 75	132 131	200	94 94	1.52 1.53	332.00 331.00	<u> </u>
Saved	31A Alternative Grain Beer	Peated Rye 80/- (raw)	George@homebrewinguk.com	All Grain	3.4	1.035	1.009	28.0	36 1.	.03 1	.00 0.0	0.0	36.0	0.0	0.0	.00	2 100	15	75	131	200	94 94	1.53	331.00	
Saved Saved	31A Alternative Grain Beer 31A Alternative Grain Beer	The Rare Barrel - Dark Ale The Thieving Magpie	Jay Goodwin / beerandbrewing.com The Thirsty Otter	All Grain All Grain	3.8	1.033	1.013 1.006	50.0 8.1	14 0.	.40 0	.02 0.0	0.0	1.5 7.7	5.3	1.1 (0.00	3 100 0 46	15 3	75 15	131 50	200 61	30	1.53 1.22	331.00 111.00	\vdash
Saved Saved	31A Alternative Grain Beer 31A Alternative Grain Beer	User Upper (20230320) Wild Dandelion Beòir	Chug@homebrewinguk.com George@homebrewinguk.com	All Grain All Grain	2.5 5.0		1.006 1.013	20.0 12.8			.66 0.0		35.8 21.1	32.7 0.0		0.00	3 50 0 100	9 15	16 75	67 131	70 200	31 94	1.04 1.53	137.00 331.00	-
Saved	34A Clone Beer	Beavertown - Neck Oil (clone) Beavertown - Neck Oil (clone) v2	Pig Den Brewing	All Grain	4.3	1.042	1.009	7.5	34 0.	.81 (.82 0.0	7.6	4.3	0.0	22.3	3.80	0	10	,,,	101	200		1.50	502.00	
Saved Saved	34A Clone Beer 34A Clone Beer	Bell's - Light Hearted Ale (clone)	Graeme Foster Pig Den Brewing	All Grain All Grain	4.3 3.9		1.009 1.012	5.5 8.1			.86 0.0		4.5 30.7	0.0		2.68	0								<u> </u>
Saved Saved	34C Experimental Beer 34C Experimental Beer	AnOtter Keptinis Basic Brewing - 100% Rye Session Pale Ale	The Thirsty Otter basicbrewing.com	All Grain All Grain	8.0 2.1		1.018	15.6 17.5			.16 0.0		10.1 22.9	2.4 7.3		0.00	0 60	5	25	75	80	41	1.07	155.00	
Saved	34C Experimental Beer	Elderflower Beer	George@homebrewinguk.com	All Grain	7.6	1.071	1.013	24.5	5 0.	.07	.07 0.0	0.0	0.0	5.2	0.0	0.00	2 100	15	75	132	200	94	1.52	332.00	
	34C Experimental Beer 34C Experimental Beer	Eminem White Stout Experimental Brew (20210219)	Penguin Pub Brew Lab Womble@homebrewinguk.com	All Grain All Grain	4.9 5.4	1.050	1.021 1.009	11.2 6.9			.72 0.0	0.0	24.0 34.1	0.0	0.0	0.00	0					<u> </u>			\vdash
Saved Saved	34C Experimental Beer 34C Experimental Beer	Garden Gooseberry Rye Hawthorn Beer	George@homebrewinguk.com George@homebrewinguk.com	All Grain All Grain			1.015 1.010	15.0 22.0	-	-	0 0.0		0.0	0.0		0.00	3 100 3 100	15 15	75 75	132 132	200 200	94 95	1.52 1.52	332.00 332.00	
Saved	34C Experimental Beer	Here's Hope	George@homebrewinguk.com	All Grain	3.3	1.034	1.009	22.0	5 0.	.14 (.14 0.0	0.0	4.8	0.0	0.0	0.00	0 100	15	75	132	200	94	1.52	332.00	
Saved Saved	34C Experimental Beer 34C Experimental Beer	Keptinis Raw Ale Test 1	Brewer #233096@Brewersfriend.com Geoffrey Shread	All Grain All Grain	8.3 4.9	1.049	1.018 1.012	12.4 13.0			.16 0.0	0.0	10.2 0.0	2.6 13.4		0.00	0 60	5 15	25 75	75 132	80 200	94 94	1.07 1.52	155.00 332.00	\vdash
Saved Saved	34C Experimental Beer 34C Experimental Beer	Raw Rosy Oaty Bevvy Rosehip & Grapefruit Brew	George@homebrewinguk.com George@homebrewinguk.com	All Grain	3.8		1.011	19.7 19.1			0.0		0.0	0.0		0.00	3 100 3 100	15 15	75 75	132 132	200 200	94 95	1.52 1.52	332.00 332.00	<u> </u>
Saved	34C Experimental Beer	Rosehip Rye	George@homebrewinguk.com	All Grain	4.1	1.041	1.010	16.2	45 1.	.12 1	.10 0.0	0.0	45.4	0.0	0.0	0.00	2 100	15	75	132	200	94	1.52	332.00	
Saved Saved	34C Experimental Beer 34C Experimental Beer	Rye Stout Wheat fraoch ale with rosehips	EspeciallyBitter@homebrewinguk.com George@homebrewinguk.com	All Grain All Grain	4.9 3.4		1.013	101.0 8.1			.79 0.0		40.9 0.0	0.0		0.00	1 58 3 100	12 15	50 75	100 131	100 200	67 94	1.00 1.53	200.00 331.00	
Saved	A New World Cider	xBmt-20191216 Yeast Nutrient Cider Experiment Simmons' Cider	Matt Del Fiacco	All Grain	5.5	1.045	1.003	38.0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0								
Saved	A New World Cider American-Style Amber Lager	xBmt-20200309 Tartaric vs. Malic Acid Cider Experiment Simmons' Cider Ragondingue - Flat Tire	Matt Del Fiacco Ragondingue Craft Beer	All Grain All Grain	4.2 5.5		1.003	38.0 18.3			0 0.0		0.0 15.9	0.0 3.6		0.00	1 81	15	50	75	200	67	2.67	275.00	\vdash
Saved Saved	American-Style Amber Lager American-Style Amber/Red Ale	Ragondingue - Flat Tire v2 A Nice Red Ale	Ragondingue Craft Beer Moth@homebrewinguk.com	All Grain All Grain	5.6		1.010 1.010	17.5 14.2			.38 0.0		15.9 23.8	3.6 6.4		0.00	1 81 1 81	15 15	50 50	75 75	200	67	2.67	275.00 275.00	
	American-Style Imperial Stout	Chocolate Cookie Dough Stout	mobcraftbeer.com	All Grain	7.9	1.080	1.020	117.0	28 0.	.35	.34 0.0	0.0	27.8	0.0	0.0	0.00	3								
	American-Style Imperial Stout American-Style Imperial Stout	Ragondingue - #028-Coyote Black Ragondingue - #028-Fat Gorilla	Ragondingue Craft Beer Ragondingue Craft Beer	All Grain All Grain	9.5 9.5		1.018	111.0 111.0			.81 0.0	_	59.1 59.1	0.0		0.00	1								
Saved Saved	American-Style Imperial Stout American-Style Imperial Stout	Ragondingue - Imperial Russian Imperial Stout	Ragondingue Craft Beer garven82 / The Malt Miller	All Grain All Grain			1.018 1.020	112.0 83.5			.65 0.0		58.0 53.9	0.0		0.00	1 58 0 58	12 12	50 50	100 100	100 100	67	1.00	200.00	<u> </u>
Saved	Belgian-Style Session Ale	Fresh Hop Ale (20210830)	GHW@homebrewinguk.com	All Grain	4.9	1.046	1.009	11.8	67 1.	.46 1	.51 0.0	0.0	19.2	30.8	17.2	0.00	4 81	15	50	75	201	68	2.68	276.00	
Saved 12	British-Style Imperial Stout C1B English Cider	Harvey's Imperial Stout (clone) AnOtter Apple Cider	Hichaechoc@homebrewinguk.com The Thirsty Otter	All Grain Extract	4.9		1.018 1.012	182.0 11.8			.00 0.0		35.7 0.0	15.4 0.0		0.00	6 59	12	50	100	100	68	1.00	200.00	3.33
Saved	C1B English Cider C1C French Cider	Graham's English Cider AnOtter Apple Cider v2	Freezeblade@homebrewtalk.com The Thirsty Otter	All Grain Extract			1.011	7.9 11.8			.00 0.0		0.0	0.0		0.00	2					-			-
Brewed 13	C1D New World Perry	AnOtter Perry Cider	The Thirsty Otter	Extract	4.6	1.045	1.012	11.8	0 0.	.00	.00 0.0	0.0	0.0	0.0	0.0	0.00	4								4.20
Saved Saved	C2F Specialty Cider/Perry Classic English-Style Pale Ale	TBS 006: Will It Brü? Caramel Apple Ale A Night At The Opera	Martin Keen The Thirsty Otter	All Grain All Grain			1.017	22.5 12.2			.25 0.0		0.0 13.1	16.5 6.5		0.00	0 45	2	20	64	40	35	0.63	104.00	<u> </u>
Saved	Classic English-Style Pale Ale Classic English-Style Pale Ale	Blackberry Bitter English Pale Ale Boddington IP (1913)	Josh Weikert / beerandbrewing.com Ronald Pattinson	All Grain All Grain	4.5 5.3		1.012 1.009	16.4 11.8	28 0.	.61 0	.59 0.0		19.5 37.5	8.7 0.0		2.48	0 21	8	6	10	65	20	6.50	75.00	-
Saved	Classic English-Style Pale Ale	Cor Blimey	Pig Den Brewing	All Grain	3.9	1.044	1.014	15.4	34 0.	.75 (.68 0.0	0.0	24.4	9.1	0.0	0.00	1 21	8	6	10	65	21	6.50	75.00	
Saved Saved	Classic English-Style Pale Ale Classic English-Style Pale Ale	English style pale ale (20220729) Heart of Gold Pale Ale	GHW@homebrewinguk.com Northern Brewster@homebrewinguk.com	All Grain All Grain			1.012	12.0 16.2			.61 0.0		21.9	7.0		0.00	0 21 0 21	8	6	10	65 65	21	6.50 6.50	75.00 75.00	
Saved Saved	Classic English-Style Pale Ale Classic English-Style Pale Ale	Heart of Gold Pale Ale Nice summer beer in time for Christmas!	Northern Brewster@homebrewinguk.com Colliefish@homebrewinguk.com	All Grain All Grain	4.7		1.012 1.010	15.2 15.8			.56 0.0		20.2 22.4	7.1 0.0		0.00 7.16	0 21 0 81	8 15	6 50	10 75	65 200	21 67	6.50 2.67	75.00 275.00	
Saved	Classic English-Style Pale Ale	Proper Cornish IPA	The Malt Miller	All Grain	5.0	1.054	1.016	9.1	77 1.	.43 1	.33 0.0	0.0	24.5	34.4	18.1	0.00	4 81	15	50	75	200	68	2.67	275.00	
Saved Saved	Classic English-Style Pale Ale Classic English-Style Pale Ale	Ragondingue - Sgt Pépère Timothy Taylor's - Landlord (clone)	Ragondingue Craft Beer Paul Hutson	All Grain All Grain	4.6 4.5		1.012	15.8 15.4			.58 0.0		8.5 31.4	15.4 4.4		0.88	0 21 1 55	8 15	45	10 75	65 150	21 40	6.50 2.00	75.00 225.00	
Saved	Classic English-Style Pale Ale	Timothy Taylor's - Landlord (clone) v2 Truman P2 (1943)	The Malt Miller	All Grain	4.1	1.040	1.009	14.2	35 0.	.86	.86 0.0	0.0	30.3	3.7	0.7	.00	3 55	15 8	45	75	150	40	2.00	225.00	
Saved Saved	Classic English-Style Pale Ale Classic English-Style Pale Ale	Wells - Bombardier Pale Ale (clone)	Ronald Pattinson Leigh@homebrewinguk.com	All Grain All Grain	4.5	1.048	1.009 1.014	8.9 40.0	38 0.	.80 0	.75 0.0	0.0	14.9 30.1	0.0 8.2	0.0	0.41	4 21 1 21	8	6	10 10	65 65	21 20	6.50 6.50	75.00 75.00	\vdash
Saved Saved	Classic French & Belgian-Style Saison Classic Irish-Style Dry Stout	Ragondingue - Rågnarøk Guinness (clone)	Ragondingue craft beer BeerCat@homebrewinguk.com	All Grain All Grain			1.010 1.011	11.2 80.5			.61 0.0		27.7 0.0	0.0		0.00	2 100 1 44	15 12	75 50	131 75	200 100	94 67	1.53 1.33	331.00 175.00	<u> </u>
Saved	Dutch-Style Kluinbier, Kluynbier, Cluynbie Dutch-Style Kuit, Kuyt or Koyt	er Vandenbroek - Cluyn 1476 (clone) AnOtter Kovtbier	langewout The Thirsty Otter	All Grain All Grain	4.2	1.045	1.013	55.0 8.5	26 0.	.56	.53 0.0	0.0	14.6	10.9	0.0	0.00	2 58 1 58	12	50	100 73	100	68 66	1.00	200.00	
Saved Saved	English-Style Brown Ale	Brown Ale (20221101)	Clibit@homebrewinguk.com	All Grain	3.7	1.036	1.009 1.008	31.0	44 1.	.22 1		0.0	12.8 35.1	10.4 0.0	8.6	0.00	5 44	15 12	48 50	75	145 100	67	1.99 1.33	218.00 175.00	
Saved	English-Style Brown Ale English-Style Dark Mild Ale	Squirrel III Clarke 1/2 MB (1961)	Vandale Ronald Pattinson	All Grain All Grain	5.6 3.3		1.015 1.008	41.0 12.2			.31 0.0		12.9 13.1	5.4 0.0		0.00 1.16	2 64	22	50	66	0	331	0.00	66.00	<u> </u>
bound	English-Style Dark Mild Ale English-Style Dark Mild Ale	Dark Days Mild v1	EspeciallyBitter@homebrewinguk.com	All Grain	4.6	1.041	1.006	39.5	30 0.	.72	.78 0.0	0.0	24.4	5.3	0.0	0.00	5	1	20		40	25	107	122.00	
Saved Saved	English-Style Dark Mild Ale	Dark Mild (20220922) JW Lees - GB Mild (1963)	rats_eyes@homebrewinguk.com Ronald Pattinson	All Grain All Grain	3.7	1.033	1.013 1.005	53.5 13.0	20 0.	.61 (.37 0.0	0.0	16.9 20.3	0.0	0.0	0.00	2 50	3	20	59	63	35	1.07	122.00	\vdash
Saved Saved	English-Style Pale Mild Ale English-Style Pale Mild Ale	1037 Pale Ale Basic Brewing - No Chill English Mild Ale	Clibit@homebrewinguk.com basicbrewing.com	All Grain All Grain	3.8 3.7		1.008				.33 0.0		0.0 16.4	0.0).00 l.84	1 21	8	6	10	65	21	6.50	75.00	-
Saved	English-Style Pale Mild Ale	Earth Wind and Fire Pale Ale	Clibit@homebrewinguk.com	All Grain	3.8	1.034	1.005	12.6	26 0.	.78	.85 0.0	0.0	0.0	0.0	26.4	.00	3 22	8	6	10	65	21	6.50	75.00	
	English-Style Pale Mild Ale English-Style Pale Mild Ale	Fuller's Brewery - No. 2 PA (1944) Gravey's Brewery - Oatmeal Pale Ale	Ronald Pattinson Gravey's Brewery	All Grain All Grain	4.1	1.041	1.010 1.010	12.8	15 0.	.36 0	.66 0.0	0.0	24.4 10.6	0.0	4.1	0.00	0			<u> </u>					
Saved Saved	English-Style Pale Mild Ale English-Style Pale Mild Ale	Truman No. 7 (1945) Whitbread - Oat Mild (1943)	Ronald Pattinson Ronald Pattison	All Grain All Grain			1.006 1.007	16.2 15.2		.40 0	.42 0.0	_	13.1 11.5	0.0		0.00	0 60 1 60	15 15	50 50	75 75	150 150	67 67	2.00 2.00	225.00 225.00	
Saved	English-Style Summer Ale	Ragondingue - #060-SMaSH Citra Lutra	Ragondingue Craft Beer	All Grain	4.5	1.042	1.008	10.8	25 0.	.58 0	.60 0.0	0.0	8.2	16.4	0.0	39	0 55	15	46	75	150	40	2.00	225.00	
Saved Saved	Export-Style Stout Export-Style Stout	Belle Saison Stout Blackcurrant & Liquorice Stout v2	Womble@homebrewinguk.com hichaechoc@homebrewinguk.com	All Grain All Grain	7.4 5.6		1.003	67.0 89.5			.80 0.0		14.8 34.7	0.0		0.00	0 44	12	50	75	100	67	1.33	175.00	
Saved Saved	Export-Style Stout Export-Style Stout	Hook Norton Brewery - Double Stout (clone)	Kristen England (BYO magazine) Andymoz-70@homebrewinguk.com	All Grain All Grain	5.8	1.055	1.011 1.012	86.5 97.5	28 0.	.51 (.52 0.0	0.0	22.3 14.5	5.9 2.6	0.0	2.52	0 58	12	50	100	100	67	1.00	200.00	
Saved	Extra Special Bitter	Gale's Brewery - Horndean Special Bitter (clone)	David Edgeley	All Grain	5.0	1.051	1.013	25.5	32 0.	.64 (.62 0.0	0.0	26.3	6.0	0.0	0.00	0 62	15	26	75	124	41	1.65	199.00	
Saved	Extra Special Bitter Extra Special Bitter	Good Chemistry Brewing - Extra Special Jennings Brewery - Sneck Lifter (clone)	The Malt Miller Clibit@homebrewinguk.com	All Grain All Grain			1.013 1.011	45.0 38.0			.93 0.0		22.0 25.8	20.1 8.3		0.00	4 81 1 60	15 15	50 50	75 75	200 150	68	2.67	275.00 225.00	-
Saved		Ragondingue - Blitzkrieg	Ragondingue Craft Beer Gator Bait Brewery	All Grain	4.7	1.047	1.011	8.9	25 0.	.53 C	.53 0.0	0.0	15.9	8.8	0.0	0.00	2 17	4	33	50	25	40	0.50	75.00	
	German-Style Koelsch		radiui Dali DiewelV	All Grain All Grain			0.991	2.8				0.0	0.0	0.0		0.00	3			1	1	1	1 1	\leftarrow	
Saved Saved	Hard Seltzer Hard Seltzer	Lutra Hard Seltzer Ragondingue - #037-Heisenberg	Ragondingue Craft Beer								0.0		0.0	0.0		1.00	3								
Saved Saved	Hard Seltzer Hard Seltzer Hard Seltzer Hard Seltzer	Ragondingue - #037-Heisenberg Weird Science	Ragondingue Craft Beer Ashton Lewis (BYO Magazine)	All Grain	5.3	1.033	0.993	0.4	0 0.	.00 0	.00 0.0	0.0	0.0	0.0	0.0	0.00	3	15	95	50	250	201	5.00	300.00	\vdash
Saved Saved Saved Saved	Hard Seltzer Hard Seltzer Hard Seltzer Hard Seltzer Imperial Red Ale Juicy or Hazy India Pale Ale	Ragondingue - #037-Heisenberg Weird Science 100 IBU Red IPA Mosaically	Ragondingue Craft Beer Ashton Lewis (BYO Magazine) Craft Beer Channel & Siren Craft Brew / The Malt Mille AhShucks! Brewing	All Grain er All Grain All Grain	5.3 8.7 6.0	1.033 1.082 1.062	0.993 1.016 1.016	0.4 56.5 10.2	0 0. 100 1. 56 0.	.00 0 .21 1	.00 0.0 .24 0.0 .87 0.0	0.0	0.0 54.4 0.0	0.0 24.7 41.1	0.0 (20.8 (14.9 2	0.00 0.68 4.54	3 5 93 1 87	15 13	95 3	50 53	250 178	201 17	5.00 3.36	300.00 231.00	
Saved Saved Saved Saved	Hard Seltzer Hard Seltzer Hard Seltzer Hard Seltzer Imperial Red Ale	Ragondingue - #037-Heisenberg Weird Science 100 IBU Red IPA	Ragondingue Craft Beer Ashton Lewis (BYO Magazine) Craft Beer Channel & Siren Craft Brew / The Malt Mille AhShucks! Brewing Ragondingue Craft Beer The Malt Miller	All Grain er All Grain	5.3 8.7 6.0 6.4 4.6	1.033 1.082 1.062 1.065	0.993 1.016	0.4 56.5	0 0. 100 1. 56 0. 30 0.	.00 C .21 1 .90 C	.00 0.0 .24 0.0	0.0 0.0 0.0 0.0 0.0	0.0 54.4	0.0 24.7	0.0 (20.8 (14.9 2 5.0 1	0.00 3.68	3 5 93		95 3				3.36 0.56	231.00	
Saved Saved Saved Saved Saved Saved Saved	Hard Seltzer Hard Seltzer Hard Seltzer Imperial Red Ale Juicy or Hazy India Pale Ale Juicy or Hazy India Pale Ale Juicy or Hazy Pale Ale Juicy or Hazy Strong Pale Ale Juicy or Hazy Strong Pale Ale	Ragondingue - #037-Heisenberg Weird Science 100 IBU Red IPA Mosaically Ragondingue - #012-Lucifer Sam 100 W Ragondingue - #040-Flower Power	Ragondingue Craft Beer Ashton Lewis (BYO Magazine) Craft Beer Channel & Siren Craft Brew / The Malt Mille AhShucks! Brewing Ragondingue Craft Beer The Malt Miller Ragondingue Craft Beer	All Grain er All Grain All Grain All Grain All Grain All Grain All Grain	5.3 8.7 6.0 6.4 4.6 6.8	1.033 1.082 1.062 1.065 1.045 1.056	0.993 1.016 1.016 1.016 1.010 1.010	0.4 56.5 10.2 12.0 8.9 9.7	0 0, 100 1, 56 0, 30 0, 22 0, 24 0,	.00 C .21 1 .90 C .46 C .47 C	.00 0.0 .24 0.0 .87 0.0 .45 0.0 .47 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 54.4 0.0 24.8 7.1 0.0	0.0 24.7 41.1 0.0 0.0 12.5	0.0 0 20.8 1 14.9 2 5.0 1 14.4 4 11.6	0.00 0.68 4.54 7.36 1.64 9.48	3 5 93 1 87 0 0 0 84 0 93	13 5 15	24 49	53 133 50	75 250	17 17 80	3.36 0.56 5.00	231.00 208.00 300.00	
Saved Saved Saved Saved Saved	Hard Seltzer Hard Seltzer Hard Seltzer Imperial Red Ale Juicy or Hazy India Pale Ale Juicy or Hazy India Pale Ale Juicy or Hazy Pale Ale	Ragondingue - #037-Heisenberg Weird Science 100 IBU Red IPA Mossically Ragondingue - #012-Lucifer Sam 100 W	Ragondingue Craft Beer Ashton Lewis (BYO Magazine) Craft Beer Channel & Siren Craft Brew / The Malt Mille AhShucks! Brewing Ragondingue Craft Beer The Malt Miller	All Grain er All Grain All Grain All Grain All Grain All Grain	5.3 8.7 6.0 6.4 4.6 6.8 6.0 5.0	1.033 1.082 1.062 1.065 1.045 1.056 1.056	0.993 1.016 1.016 1.016 1.010 1.010 1.010 1.010	0.4 56.5 10.2 12.0 8.9 9.7 9.7 32.5	0 0. 100 1. 56 0. 30 0. 22 0. 24 0. 24 0. 28 0.	.00	.00 0.C .24 0.C .87 0.C .45 0.C .47 0.C .45 0.C .45 0.C .46 0.C	0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0 0 0.0	0.0 54.4 0.0 24.8 7.1 0.0 0.0 28.0	0.0 24.7 41.1 0.0 0.0 12.5 11.6 0.0	0.0 (0.0 (0.0 (0.0 (0.0 (0.0 (0.0 (0.0	0.00 0.68 0.68 0.68 0.64 0.48 0.16 0.00	3 5 93 1 87 0 0	13	3 24	133	75 250 250 200	17	3.36 0.56	231.00	

Status	atch#	Style	Name	Author	Туре	ABV	OG	FG	EBC	IBU	BU/GU	RBR	Mash	FWH	Kettle	Late	Aroma	DH	BJCP Flaws	Ca	Mg	Na	Cl	SO4	HCO3	SO4/CI	SO4+Cl	Cost/L
Saved		Kornøl	AnOtter Kornøl v2	The Thirsty Otter	All Grain	6.0	1.058	1.014	10.4	7	0.11	0.11	0.0	6.8	0.0	0.0	0.0	0.00	3	100	15	76	133	201	94	1.51	334.00	
Saved		Kornøl	Bygland - For the Love of Kveik	Torkjel Austad / Beer & Brewing	All Grain	7.4	1.072	1.016	15.0	2	0.03	0.03	0.0	0.0	0.0	0.0	2.0	0.00	2	100	15	75	132	200	94	1.52	332.00	
		Kornøl	Hornindal Kornøl	peterj	All Grain	6.7	1.066	1.015	8.9	4	0.06	0.06	0.0	4.2	0.0	0.0	0.0	0.00	0									
Brewed	36	Kornøl	Juniper Ascending	The Thirsty Otter	All Grain	6.4	1.061	1.014	12.4	7	0.10	0.10	0.0	6.6	0.0	0.0	0.0	0.00	3	98	15	75	131	196	94	1.50	327.00	3.84
Brewed	37	Kornøl	Juniper Ascending v2	The Thirsty Otter	All Grain	6.4	1.061	1.014	12.4	7	0.10	0.10	0.0	6.6	0.0	0.0	0.0	0.00	3	99	15	75	131	199	94	1.52	330.00	3.01
Brewed	38	Kornøl	Juniper Ascending v3	The Thirsty Otter	All Grain	6.4	1.061	1.014	12.4	7	0.10	0.10	0.0	6.6	0.0	0.0	0.0	0.00	3	99	15	75	131	199	94	1.52	330.00	3.10
Saved		Kornøl	Kornøl	Escarpment Labs	All Grain	6.0	1.058	1.012	7.5	11	0.19	0.19	0.0	11.0	0.0	0.0	0.0	0.00	4	100	15	3	95	160	17	1.68	255.00	
		Kornøl	Norwegian ale	octopussy	All Grain	7.6	1.078	1.020	13.8	25	0.32	0.31	0.0	24.8	0.0	0.0	0.0	0.00	3									
		Kornøl	Norwegian farm house øl	Brewer #64776	All Grain	7.4	1.076	1.020	29.5	11	0.15	0.14	0.0	0.0	7.8	3.4	0.0	0.00	3									
		Kornøl	Ragnarök	Kevin Kullen/Discovery World	All Grain	7.1	1.073	1.019	17.9	16	0.21	0.21	0.0	15.0	0.0	0.6	0.0	0.00	3								1	
Saved		Kornøl	Raw Bramling-X	George@homebrewinguk.com	All Grain	7.0	1.071	1.018	27.5	0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	2.18	2	100	15	75	132	200	94	1.52	332.00	
Saved		Kornøl	Raw Raspberry Leaf Øl	George@homebrewinguk.com	All Grain	4.6	1.043	1.008	16.5	4	0.09	0.09	0.0	0.0	0.0	0.0	4.0	0.00	5	100	15	75	132	200	94	1.52	332.00	
Saved		Kornøl	Raw Rosehip Øl	George@homebrewinguk.com	All Grain	5.6	1.054	1.011	18.5	0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00	3	100	15	75	132	199	95	1.51	331.00	
Saved		Kornøl	Staggering Juice for Hogmanay	George@homebrewinguk.com	All Grain	5.6	1.052	1.009	30.0	2	0.04	0.04	0.0	0.0	0.0	0.0	1.9	0.00	3	100	15	75	131	200	94	1.53	331.00	
Saved		Kornøl	Stjørdalsøl	Jan Chodkowski Beer and Brewing	All Grain	8.8	1.089	1.022	30.0	14	0.16	0.16	0.0	13.9	0.0	0.0	0.0	0.00	4	100	15	75	132	200	94	1.52	332.00	
Saved		Kornøl	Terje Raftevold's Kornøl	Lars Marius Garshol	All Grain	5.8	1.075	1.031	10.6	1	0.02	0.02	0.0	0.0	0.0	0.0	1.4	0.00	6	90	15	75	131	176	95	1.34	307.00	
Saved		Kornøl	Vossaol	tdp@hobbybrouwen.nl	All Grain	7.4	1.076	1.020	19.7	21	0.28	0.27	0.0	0.0	13.4	7.8	0.0	0.00	3	29	7	49	27	74	109	2.74	101.00	
Saved		Kornøl	Vossaøl	Strange Brewer #44938	All Grain	7.7	1.072	1.013	9.5	16	0.23	0.24	0.0	0.0	9.2	7.2	0.0	0.00	4	100	15	75	131	200	94	1.53	331.00	
		Kornøl	Ye Old Jensgaard v1	EspeciallyBitter@homebrewinguk.com	All Grain	7.5	1.079	1.022	8.9	31	0.39	0.37	0.0	0.0	0.0	0.0	30.8	0.00	3	100	15	75	132	200	94	1.52	332.00	
		Kottbusser	Dark Arts Kottbusser	Pinto@homebrewinguk.com	All Grain	6.0	1.054	1.008	12.0	16	0.29	0.31	0.0	0.0	11.8	3.2	0.6	0.00	1									
		Kottbusser	Grimm Brothers - Snow Drop (clone)	The Thirsty Otter	All Grain	5.4	1.053	1.012	6.7	17	0.31	0.31	0.0	1.0	13.5	0.0	2.2	0.00	0		L					<u> </u>		
Saved		Robust Porter	Riverland Porter v1	EspeciallyBitter@homebrewinguk.com	All Grain	6.6	1.061	1.011	76.0	62	1.01	1.06	0.0	0.0	62.0	0.0	0.0	0.00	4	58	12	50	100	100	67	1.00	200.00	
Saved		Scottish-Style Export Ale	Ragondingue - #036-Nighthawk	Ragondingue Craft Beer	All Grain	4.9	1.047	1.010	25.0	21	0.45	0.46	0.0	0.0	17.6	2.7	0.7	0.00	0	60	15	50	75	150	67	2.00	225.00	
Saved		Scottish-Style Export Ale	Ragondingue - #065-Quetzalcoatl	Ragondingue Craft Beer	All Grain	5.1	1.050	1.011	27.5	20	0.39	0.39	0.0	0.0	12.4	6.7	0.5	1.78	0	17	4	33	50	25	40	0.50	75.00	
Saved		Session India Pale Ale	Ragondingue - Cosmic Mama	Ragondingue Craft Beer	All Grain	3.7	1.038	1.010	14.2	32	0.83	0.80	0.0	0.0	29.4	0.0	2.1	1.39	0	55	15	45	75	150	40	2.00	225.00	
Saved		Specialty Saison	Ragondingue - #059-Beerabelle	Ragondingue Craft Beer	All Grain	5.6	1.052	1.009	15.0	29	0.55	0.58	0.0	0.0	28.6	0.0	0.0	0.00	0	93	15	49	50	250	80	5.00	300.00	
Saved		Strong Ale	Traquair House Ale - Strong Scotch Ale (9E)	Robert@homebrewinguk.com	All Grain	8.3	1.078	1.015	25.0	32	0.40	0.41	0.0	0.0	31.5	0.0	0.0	0.00	0	53	9	51	101	76	68	0.75	177.00	
Saved		Strong Ale	Young's Super (2006)	Ron Pattinson Mikael Ouick	All Grain All Grain	7.6	1.082	1.024	9.9	34	0.42	0.39	0.0	0.0	27.9	6.4	0.0	0.00	1 ,	11	4	18	16	21	42	1.31	37.00	
Council		Sweet Stout or Cream Stout	Girl Scout Stout		All Grain	7.9	1.084	1.024	134.0	14	0.16	0.15	0.0	0.0	8.4	5.1	0.0	0.00	6		-	-	64	(0	47	- 0.04	10100	
Saved		Ukrainian Golden Ale Ukrainian Golden Ale	Refuse/Resist (Ukrainian Golden Ale)	The Thirsty Otter		7.1	1.071	1.019	15.8	21	0.29	0.28		0.0	17.1	3./			1	54	5	5	64	60	17	0.94	124.00	3.03
Saved		Ukrainian Golden Ale	Refuse/Resist (Ukrainian Golden Ale) v2 Refuse/Resist (Ukrainian Golden Ale) v3	The Thirsty Otter The Thirsty Otter	All Grain All Grain	6.6	1.071	1.023	15.8 15.8	23 25	0.32	0.29	0.0	0.0	17.6 17.6	4.4	1.3	0.00	0	54	5	5	64	60	17 17	0.94	124.00 124.00	3.21
Saved		Ukrainian Golden Ale	Ukrainian Golden Ale	Brewer #233096@brewersfriend.com	All Grain	6.2	1.071	1.020	17.3	28	0.34	0.29	0.0		19.8	4.4	0.0	0.00	2	50	7	5	50	-	17	1.50	125.00	3.16
Saved		OKI AITIIAIT GOIDEIT AIE	Gingery Wheat Beer		All Grain	7.1	1.045	1.013	11.6	29	0.41	0.42	0.0	0.0	29.1	0.0	0.0	0.00	0	100	15	75	131	75 200	94	1.53	331.00	
			Hazv New Zealand IPA	George@homebrewinguk.com	All Grain	4.9	1.043	1.011	8.5	47	0.04	0.03	0.0	2.6	0.0	40.4	3.9	8.40	0	100		16	151	93	17	0.60	247.00	
Saved Saved			Low ABV IPA	Quirky Homebrew Supply David Heath + a guy from Lalemand	All Grain	2.0	1.025	1.013	7.1	14	0.54	0.45	0.0	0.0	0.0	11.2	2.4	0.00	0	93	11 15	49	50	250	80	5.00	300.00	
Saveu			NZ Pale Ale	GHW@homebrewinguk.com	All Grain	4.6	1.023	1.010	8.5	24	0.56	0.43	0.0	0.0	13.8	10.4	3.4	12.00	0	73	15	47	30	250	80	5.00	300.00	
Saved			Oat Brown Ale	Clibit@homebrewinguk.com	All Grain	4.0	1.043	1.010	35.0	38	0.89	0.30	0.0	0.0	18.4	0.0	19.2	2.16	2	30	6	30	64	56	17	0.88	120.00	
Saved			Pseudo Lager (20170212)	Northern Brewster@hombrewinguk.com	All Grain	4.3	1.042	1.010	6.9	31	0.74	0.74	0.0	0.0	27.6	3.8	0.0	0.00	0	100	15	75	132	200	94	1.52	332.00	
Saved			Pseudo Lager (20170212) Pseudo Lager (20220124)	Clibit@homebrewinguk.com	All Grain	4.5	1.043	1.010	7.9	18	0.74	0.74	0.0	0.0	13.9	4.0	0.0	0.00	0	100	15	75	132	200	94	1.52	332.00	
Saved			xBmt-20200113 Mash Temperature: High OG Belgian Ale	Matt Del Fiacco	All Grain	7.9	1.047	1.013	8.5	23	0.38	0.36	0.0	19.6	3.4	0.0	0.0	0.00	2	15	15	38	75	55	20	0.73	130.00	
Saved			Your a Big Girls Blouse	Geoffrey Shread	All Grain	1.1	1.022	1.021	45.5	19	0.28	0.52	0.0	0.0	0.0	19.1	0.0	0.00	0	100	15		132	200	20	1.52	332.00	
Saved			Tour a big on a biouse	Geoffiey Silleau	All Grain	1.1	1.022	1.014	45.5	17	0.00	0.52	0.0	0.0	0.0	17.1	0.0	0.00	U	100	13	75	132	200	74	1.32	332.00	