

sort	Units	RYN VAL	range val	AOE?	Speed	Health	mana	Size	DPS	Atk Interva	Range
1	King	295770181.1	67500	1	410	1000	1000	1	67.5	20	1
2	Queen	260844781.4	52500	1	478	1000	1000	1	52.5	20	1
3	Wizard	239770322.1	70169	2.9	341	1100	700	1	63.75	40	5
4	Sorcerers	255650699.2	67555	2.9	478	900	2000	1	75	34	6
5	Captain Brick Beard	300757316.2	55202.05882	1.5	341	1000	1000	1	55.14705	34	6
6	Lady Pirate	326986238.2	82500	1	478	1000	1200	1	82.5	20	1
7	Governor Broadside	325347199.2	74250	1	341	1100	1000	1	67.5	20	1
8	Camilla	260844781.4	52500	1	478	1000	1000	1	52.5	20	1
9	Biff	187608354.2	41250	1	478	500	405	1	82.5	20	1
10	Gemma	301792532.7	60044	1	410	800	605	1	75	12	5
11	Alien Commander	243688112.1	60044	1	341	1000	605	1	60	30	5
12	Alien Queen	294287614.4	82500	1	410	1000	900	1	82.5	20	1
13	Space Police Captain	313943944.0	45077	1	410	1000	1000	1	45	20	8
14	Space Criminal Leader	291855301.5	20294	1	341	900	605	1	22.5	20	5
15	King Kahuka	169046739.1	90033	1	410	2000	1750	1	45	40	4
16	Ninja Master	245239678.7	74250	1	478	900	1000	1	82.5	20	1
17	Dwarf King	288000000.0	100000	1	341	1000	800	1	100	60	1
18	Troll King	310558690.1	81000	1	341	1200	1750	1	67.5	20	1
19	Forest Man	300326290.1	49555	1	410	1100	1000	1	45	40	6
20	Ghost	267365901.0	47250	1	478	900	1000	1	52.5	20	1
21	Sheriff	328500000.0	22544	1	341	900	1000	1	25	36	5
22	Conquistador	304318911.7	52500	1	683	1000	1200	1	52.5	20	1
23	Agent Chase	298958191.1	91233	1	478	800	700	1	114	50	4
24	Classic Space	263937915.3	60750	1	410	900	605	1	67.5	20	1
25	Santa	299071774.0	54044	1.2	478	900	1000	1	60	20	5
	Unit	RYN VAL	range val	AOE?	Speed	Health	Means of travel		DPS	Atk Interva	Range
1	Guardsmen	105468.75	36914.0625	1	410	675	Ground	1	15.625	24	1
2	Skeleton	55000	19250	1	478	200	Ground	1	27.5	30	1

3	Oarsman	78750	25781.25	1	683	550	Ground	1	12.5	30	2
4	Swordsman	197500	70312.5	1	410	250	Ground	1	75	20	2
5	Trooper	146250	51187.5	1	341	325	Ground	1	45	20	1
6	Drone	127500	33750	1	478	225	Ground	1	30	30	7
7	Dwarf	210000	73500	1	341	600	Ground	1	35	30	1
8	Troll	175000	61250	1	614	350	Ground	1	50	30	1
9	Archer	185000	62500	1	478	400	Ground	1	31.25	24	7
10	Crossbowman	171250	59062.5	1	410	350	Ground	1	37.5	22	5
11	Gunman	155000	67500	2	410	250	Ground	1	30	30	5
12	Rifleman	160000	54000	1	341	200	Ground	1	60	50	5
13	Commando	186250	65812.5	1	341	325	Ground	1	45	20	5
14	Laser trooper	172105.2632	60394.73684	1	546	600	Ground	1	23.684210	38	4
15	Space Police	170000	52500	1	410	250	Ground	1	40	45	8
16	Space Criminal	162500	53437.5	1	546	300	Ground	1	37.5	24	6
17	Islander	181718.75	58652.34375	1	546	325	Ground	1	34.375	24	8
18	Ninja	140000	42750	1	683	200	Ground	1	45	40	6
19	Knight	183750	64312.5	1	614	525	Ground	1	35	30	1
20	skeleknigh	180000	63000	1	614	300	Ground	1	60	30	1
21	Cavalry	180000	63000	1	546	450	Ground	1	40	30	1
22	horseman	170000	60000	1	683	400	Ground	1	40	30	2
23	Gripley	180000	63000	1	546	400	Ground	1	45	30	1
24	Grav Runner	187500	66937.5	1	683	350	WATER W	1	45	10	4

sort	specials	RYN VAL	range val	AOE?	Speed	Health	travel	Size	DPS	Atk Interva	Range
1	Balista	400750	206718.75	1	478	450	Ground	1	87.5	24	8
2	Seige Tower	792592.7419	393296.371	4.25	410	450	Ground	1	41.12903	62	7
3	Barracuda	958148.4375	476074.2188	3.13	819	650	Sea	2	46.875	40	7
4	Clipper	1274531.25	603027.3438	3.13	853	650	Sea	2	62.5	30	6
5	Claw Tank	636000	315000	1	341	900	Ground	1	70	30	7
6	Alien Attack Ship	634000	283500	1	478	450	Air (not tre	1	140	15	5

7	Catapult	838875	436734.375	2.75	410	550	Ground	1	55	30	8
8	Troll Giant	772703.125	401994.1406	2.75	546	675	Ground	1	41.25	40	8
9	P Battleship	1276531.25	666503.9063	3.13	683	650	Sea	2	62.5	30	8
10	I Battleship	1714984.375	854492.1875	3.13	614	700	Sea	2	78.125	24	7
11	Starfighter	704000	315000	1	478	1000	Air	2	70	30	5
12	ninja flying ship	390000	182875	1	956	550	Air	1	70	30	6
13	Space Police Cruiser	872708.3333	412161.4583	3.50	478	425	Air (not tre	1	58.33333	36	6
14	Space Criminal Hotrod	1192970.588	535036.7647	3.50	478	550	Air (not tre	2	61.76470	34	5
15	Tiki Golem	903333.3333	426708.3333	3.50	546	550	Ground	1	46.66666	45	6
16	alien strike ship	566000	280000	1	614	400	Air	1	140	15	7
17	Dwarf Glider	3150000	1102500	6.00	375	875	Air	1	60	60	1
18	Troll blimp	489250	264687.5	1	341	550	Air	1	87.5	24	9
19	King's Dragon	3377000	1350000	5.00	683	900	Air	2	75	40	3
20	Wizard's Dragon	1718000	728875	3.50	819	700	Air	2	70	30	4
21	Brickbeard's Bounty	1214341.912	663488.0515	3.13	614	700	Sea	2	55.14705	34	9
22	Flagship	2348750	1113281.25	3.13	478	800	Sea	2	93.75	20	6
23	Starship 1	1124000	504000	1	683	800	Air	2	140	15	5
24	Alien Assault Ship	741000	367500	1	819	700	Air	1	105	20	7
25	K Transport Ship	323750	151406.25	1	819	850	Sea	2	37.5	20	6
26	W Transport Ship	555000	261250	1	410	2000	Sea	2	27.5	30	6
27	P Transport Ship	1124174.632	504078.5846	3.13	819	650	Sea	2	55.14705	34	5
28	I Transport Ship	455000	213750	1	683	450	Sea	2	100	30	6
29	E Transport Ship	94071.42857	38705.35714	1	683	850	Air	2	10.71428	42	4
30	A Transport Ship	345250	153562.5	1	614	650	Air	2	52.5	40	5

TOWERS	VALUE	range val	AOE?	Health		DPS	Atk Interva	Range			
TOWER 1	18000		1	400		45	40	7			
TOWER 1 (P&I)				400		50	36	7			
TOWER 2 (P&I)	48750		2.7	400		46.875	40	7			
TOWER 2 (Pirates)*				400		22.5	40	7			

TOWER 2	54600	2.8	400		52.5	40	7
TOWER 3	36833.33333	3	400		35.41666	*72	8

BUILDERS		Speed	mine pay	Cost	Build T	Atk spe	Health	mine build	mine cost	lumb build
1	k builder	444 (2)	45	40	210	20	150	480	350	540
2	w builder	375 (2)	55	55	90	20	160	540	400	540
3	p builder	444 (2)	35	45	150	24	140	480	350	540
4	i builder	341 (1)	65	35	150	15	200	540	400	540
5	e builder	410 (2)	45	45	150	20	150	480	350	540
6	a builder	478 (3)	25	55	150	30	100	300	300	540

								farm	barracks	factory	Shipyard
								390	390	720	450
								360	450	600	540
								360	450	600	540
								420	450	510	540
								300	510	690	540
								300	450	720	540

SOR		specials/other	VALUE	Speed	DPS	SPLASH		Health	Atk	Interva	Range
		WOLF		546	22.5	NO		500	40	1	
		SHARK	63281.25	956	84.375	no		750	24	2	
		ROBOT		273	1.875			350	120		
		MONKEY									
(needs updating)		AOE	average	building	MIN	unkown v speed		MAX	Tree cross	unit cross	
1	Arrow	N	22.5	N	20	0	8	25	N	N	
2	crossbowbolt	N	25	N	20	171	10	30	N	N	
3	TBolt	N	60	Y	55	171	10	65	N	N	

4	TBoulder	Y	70	Y	65	68	4	75	Y	Y
5	TFireball	Y	85	Y	80	102	6	90	Y	N
6	BalistaBolt	N	70	Y	65	0	8	75	N	N
7	SeigeBolt	N	70	Y	65	0	8	75	N	N
8	boulder	Y	55	Y	50	68	4	60	Y	Y
9	ogreBolder	Y	120	Y	115	68	4	125	Y	Y
10	fireball	Y	100	Y	95	102	6	105	Y	Y
11	Imperialshot	N	100	N	95	85	13	105	N	N
12	pirateshot	N	30	N	25	85	13	35	N	N
13	TPirateShot	N	60	Y	55	85	13	65	Y	N
14	icannonball	Y	62.5	Y	50	0	8	75	Y	Y
15	Pcannonball	Y	30	Y	25	0	8	35	Y	Y
16	Elaser	N	15	Y	10	85	13	20	N	Y
17	Alaser	N	30	Y	25	85	13	35	N	Y
18	Tlaser	N	60	Y	55	85	13	65	N	Y
19	Plasmaball	Y	85	Y	80	0	8	90	Y	Y
20	Lasercannon	Y	70	Y	65	85	13	75	Y	Y
21	ProjectilesPELL	N	#VALUE!	N	*	0	8	0	N	N
22	Airballistabolt	N	70	N	65	0	8	75	Y	Y
23	airfireball	Y	70	N	65	102	6	75	Y	Y
24	airlaser	N	135	N	125	85	13	145	N	Y
25	sharkbite	N	67.5	N	60	0	16	75	N	Y
26	gift	Y	40	N	30	85	5	50	N	N
27	"projectilenoeffect"	N	#VALUE!	Y	*	68	4	0	Y	Y



Cost	Build Tir	average	MIN	MAX	spell 1	spell 2	SPELL VAL		spell 3		spell 4	
500	600	45	40	50	speed+	amor+	18000.0	9	forest spaw	2	earthquake	7
500	600	35	30	40	speed+	amor+	18000.0	9	forest spaw	2	earthquake	7
500	600	85	80	90	speed+	damage	7000.0	1	fireball	0	lightning	3.5
500	600	85	80	90	speed+	damage	8000.0	1	fireball	0	lightning	3.5
500	600	62.5	50	75	speed+	amor+	15000.0	9	monkey sw	0	crab swarm	5.5
500	600	55	50	60	speed+	amor+	18000.0	9	monkey sw	0	crab swarm	5.5
500	600	45	40	50	damage	amor+	18000.0	10	jungle grow	2.5	artillery	5.5
500	600	35	30	40	damage	amor+	18000.0	10	jungle grow	2.5	artillery	5.5
750	900	55	50	60	unit spe	unit dan	20655.0	1	emp	50	fireball	0
500	600	30	25	35	speed+	N/A	21780.0	1	emp	30	space laser	0
500	600	60	55	65	speed+	amor+	15730.0	9	crystal cach	2	esp	15
500	600	55	50	60	speed+	damage	16200.0	1	crystal cach	2	esp	15
500	600	30	25	35	damage	amor+	18000.0	10	space laser	5.5	tracking	0
500	600	15	10	20	speed+	damage	34182.5	1	cluster bom	5.5	hotwire	50
500	600	60	55	65	speed+	damage	7000.0	1	jungle grow	2.5	coconut storn	0.5
500	600	55	50	60	speed+	damage	15000.0	1	arrow volly	7	teleport	3.5
500	600	200	200	200	damage	amor+	14400.0	10	mine buff	1	thunder hamr	0
500	600	45	40	50	speed+	damage	15750.0	1	roar	7	logging buff	1
500	600	60	55	65	speed+	amor+	18500.0	9	arrow volly	7	tracking	0
500	600	35	30	40	damage	amor+	20500.0	10	earthquake	7	fireball	0
500	600	30	25	35	speed+	damage	36500.0	1	artillery	5.5	emp	30
500	600	35	30	40	damage	amor+	21000.0	10	mine buff	1	crab swarm	5.5
750	900	190	185	195	speed+	damage	7000.0	1	crystal cach	2	cluster bomb	5.5
500	600	45	40	50	speed+	amor+	17847.5	9	space laser	5.5	esp	15
500	600	40	30	50	speed+	amor+	19500.0	9	forest spaw	2	teleport	3.5
Cost	Build Tir	average	MIN	MAX	Veiw Di Al prior							
135	330	12.5	10	15	5	21	a	a	a	a	a	a
35	60	27.5	25	30	5	15	a	a	a	a	a	a

100	330	12.5	10	15	8	15	a	a	a	a	a	a
175	390	50	45	55	8	15	a	a	a	a	a	a
90	270	30	25	35	5	15	a	a	a	a	a	a
90	150	30	25	35	5	15	a	a	a	a	a	a
250	480	35	30	40	7	20	a	a	a	a	a	a
250	480	50	40	60	9	20	a	a	a	a	a	a
250	480	25	20	30	7	15	a	a	a	a	a	a
150	300	27.5	25	30	7	15	a	a	a	a	a	a
200	420	30	25	35	7	15	a	a	a	a	a	a
250	480	100	95	105	7	16	a	a	a	a	a	a
250	480	30	25	35	7	16	a	a	a	a	a	a
250	480	30	25	35	7	20	a	a	a	a	a	a
250	480	60	55	65	9	15	a	a	a	a	a	a
100	390	30	25	35	7	15	a	a	a	a	a	a
150	390	27.5	25	30	9	15	a	a	a	a	a	a
100	300	60	55	65	7	14	a	a	a	a	a	a
250	480	35	30	40	7	20	a	a	a	a	a	a
250	480	60	55	65	7	20	a	a	a	a	a	a
250	480	40	35	45	7	20	a	a	a	a	a	a
200	480	40	35	45	7	20	a	a	a	a	a	a
250	480	45	40	50	7	20	a	a	a	a	a	a
300	570	15	10	20	7	20	a	a	a	a	a	a
CostBuild Tim averageMINMAXVeiw Di AI prioritySize												
350	600	70	65	75	8	45	a	a	a	a	a	a
350	600	85	80	90	8	55	a	a	a	a	a	a
350	600	62.5	50	75	17	45	a	a	a	a	a	a
350	600	62.5	50	75	8	45	a	a	a	a	a	a
500	720	70	65	75	7	55	a	a	a	a	a	a
350	600	70	65	75	7	45	a	a	a	a	a	a

500	840	55	50	60	8	55	a	a	a	a	a	a
500	840	55	50	60	8	55	a	a	a	a	a	a
500	840	62.5	50	75	9	55	a	a	a	a	a	a
500	840	62.5	50	75	9	55	a	a	a	a	a	a
500	840	70	65	75	8	70	a	a	a	a	a	a
500	840	70	65	75	7	55	a	a	a	a	a	a
500	840	70	65	75	7	65	a	a	a	a	a	a
500	840	70	65	75	7	65	a	a	a	a	a	a
500	840	70	65	75	7	65	a	a	a	a	a	a
650	990	70	65	75	8	55	a	a	a	a	a	a
650	840	120	115	125	7	65	a	a	a	a	a	a
500	840	70	65	75	9	55	a	a	a	a	a	a
900	1140	100	95	105	8	65	a	a	a	a	a	a
750	1140	70	65	75	8	65	a	a	a	a	a	a
750	990	62.5	50	75	9	65	a	a	a	a	a	a
750	990	62.5	50	75	9	65	a	a	a	a	a	a
750	1140	70	65	75	8	65	a	a	a	a	a	a
750	1140	70	65	75	8	65	a	a	a	a	a	a
200	360	25	20	30	6	20	a	a	a	a	a	a
250	540	27.5	25	30	6	20	a	a	a	a	a	a
350	720	62.5	50	75	6	20	a	a	a	a	a	a
500	900	100	95	105	6	20	a	a	a	a	a	a
250	540	15	10	20	6	10	a	a	a	a	a	a
400	720	70	65	75	6	24	a	a	a	a	a	a

Cost		Build Tim average		MIN	MAX						Veiw Dist	
300	420	60	55	65							8	
300	420	60	55	65							8	
400	840	62.5	50	75							8	
400	840	30	25	35							8	

400	840	70	65	75		8	
700	900	85	80	90		9	

Means Project average MIN spell 4 MAX							
Grounc N/A	5	5		1	5		96
Grounc N/A	5	5		3	5		98
Grounc N/A	5	5		2	5		97
Grounc N/A	5	5		4	5		99
Grounc N/A	5	5		5	5		100
Grounc N/A	5	5		6	5		101

harvester

480
540
540
480
540
660

AI priority	Veiw	Dist	average	MIN	MAX	Cost	Build Time	Projectile	Size	spell 1	travel	spell 2
		30		25	35							
953		67.5		60	75		-		-		sea	
		7.5		5	10							
	Lob?	Pierce wall	cr	sprite					constant 3		constant 5	128
	N	N*	Y		arrow			1				129
	N	N*	Y		arrow			2				130
	N	Y	Y		tower arrow?			3				131

	Y	N	Y	boulder	4		132
	N	Y	Y	t-fireball	5		133
	N	Y	Y	b-bolt	6		134
	N	Y	Y	b-bolt	7		135
	Y	N	Y	boulder	8		136
	Y	N	Y	boulder	9		137
	N	Y	Y	N/A	10		138
	N	N*	N	bullet	11		139
	N	N*	N	bullet	12		140
	N	Y	Y	bullet	13		141
	Y	Y	Y	cannonball	14		142
	Y	Y	Y	cannonball	15		143
	N	Y	Y	laser	16		144
	N	N	Y	laser	17		145
	N	Y	Y	laser	18		146
	Y	N	Y	plasma	19		147
	N	N	Y	laser star	20		148
cant destroy trees	"nothing"	N*	N	N/A	21	off	149
	N	Y	Y	b-bolt	22		150
	N	Y	N	N/A	23		151
	N	Y	N	laser	24		152
	N	Y	N	N/A	25		153
	N	N*	Y	gift	26		154
	N	N	Y	N/A	on		





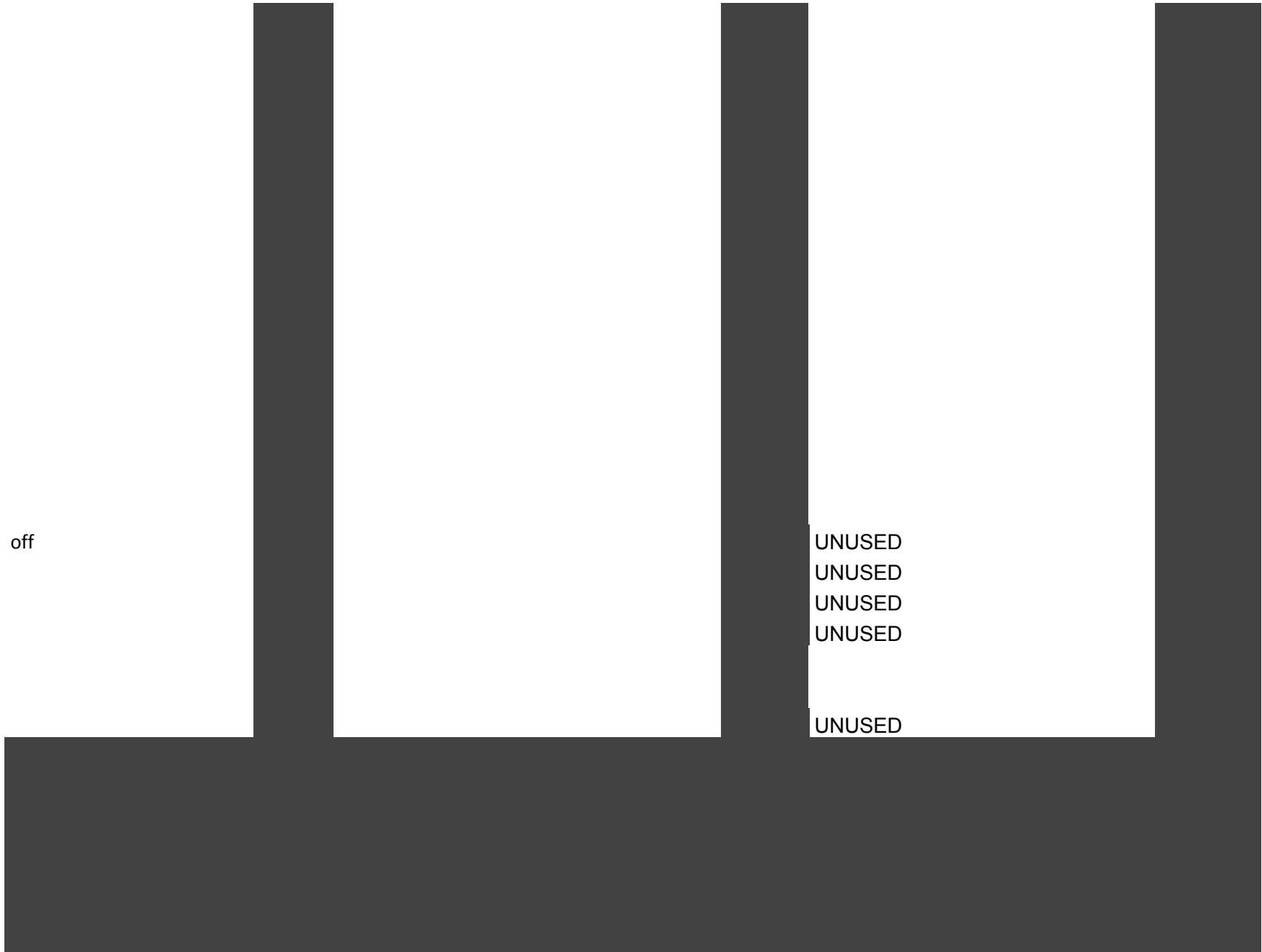
spell 5		role	Projectile	buildings	manax spell			Value	?
N/A		generalis	N/A	15 more	1	1	23	#REF!	258638677184071
N/A		generalis	N/A	15 more	1	1	3	#REF!	301534848034112
"unit" armor	5.5	AOE	Tfireball	15 more	1	1	9	#REF!	25311640571702
"unit" speed	0.5	AOE	Plasmaball	15 more	1	1	11	#REF!	88042727403189
"unit" speed	0.5	AOE	lcannonball	15 more	1	1	24	#REF!	146684213298658
"unit" speed	0.5	AOE	N/A	15 more	1	1	10	#REF!	361841817640934
N/A		generalis	N/A	15 more	1	1	5	#REF!	262777775276700
N/A		generalis	N/A	15 more	1	1	16	#REF!	301534848034112
tracking		EMP focu	N/A	15 more	1	1	4	#REF!	38028588006523
"unit" armor	5	EMP focu	Alaser	normal	1	1	17	#REF!	146146054559722
N/A		ESP focu	Tlaser	15 more	1	1	14	#REF!	98056734026251
N/A		ESP focu	N/A	15 more	1	1	1	#REF!	186571477001161
teleport	2.5	sniper	Elaser	normal	1	1	12	#REF!	258638677184071
N/A		Hotwire	Alaser	normal	1	1	13	#REF!	401092372921178
		tank	Tbolt	normal	1	1	19	#REF!	267010372895966
"unit" damage	3.5	Rush	N/A	normal	1	1	7	#REF!	164803398551637
earthquake	7	DPS	N/A	normal	1	1	25	#REF!	107706757659644
N/A		econ	N/A	normal	1	1	2	#REF!	417060989615183
forest spawn	2.5	generalis	Tbolt	normal	1	1	8	#REF!	334662058572083
teleport	3.5	Rush	N/A	normal	1	1	20	#REF!	317583278405632
N/A		EMP focu	pirateshot	normal	1	1	6	#REF!	760879734514642
speed+	1	speedy	N/A	normal	1	1	15	#REF!	714660570356432
lightning	1.5	DPS	Airlaser	normal	1	1	18	#REF!	18178504259804
N/A		ESP focu	N/A	normal	1	1	22	#REF!	123196501343641
"unit" armor	5	Rush-AO	gift	normal	1	1	21	#REF!	285921756558547
			Projectile	buildings	Range+val				
a		tank	N/A	10 less				11897	
a		rush	N/A	10 less				5900	

a	rush	N/A	10 less		9075	
a	dps	N/A	10 less		19750	
a	general	N/A	normal		15275	
a	general	Alaser	normal		9900	
a	tank	N/A	normal		22200	
a	dps	N/A	normal		18200	
a	general	arrow	normal		18100	
a	rush	crossbow	normal		16625	
a	AOE	Pcannon	normal		15000	
a	dps	imperialshot	normal		14000	
a	power	Alaser	normal		17875	
a	tank	Alaser	normal		19011	
a	sniper	Tlaser	normal		14000	
a	unique	Alaser	normal		14850	
a	general	crossbow	normal		16372	
a	rush	crossbow	normal		11400	
a	tank	N/A	10 less		19425	
a	dps	N/A	10 less		18600	
a	general	N/A	10 less		18900	
a	speedy	N/A	10 less		17600	
a	general	N/A	normal		18800	
a	unique	Alaser	normal		18550	

AOE-DPS	Projectile			val+splash+range	
87.5	sniper	balista bolt		46575	
174.7983871	AOE ge	Tfireball		84959	
146.484375	boat sni	lcannonball		104315	
195.3125	boat ge	lcannonball		134753	
70	tank	balista bolt		75600	
140	rush	Airballistabolt		67500	

151.25	AOE sn boulder	91988
113.4375	AOE sn boulder	87370
195.3125	boat sn l cannon	137353
244.140625	boat pov l cannon	180698
70	tank balistabolt	80000
70	DPS siegeBolt	45100
204.1666667	AOE ge LaserCannon	91871
216.1764706	AOE ge Lasercannon	124397
163.3333333	AOE ge TBoulder	96433
140	rush balistabolt	61600
360	AOE ge Ogreboulder	316750
87.5	sniper Airballistabolt	58025
375	AOE tar fireball	342900
245	AOE dp fireball	177100
172.3345588	boat sn Pcannon	133234
292.96875	boat pov lcannon	243975
140	generali Balista bolt	120000
105	generali Balista bolt	83300
37.5	rush arrow	42075
27.5	tank crossbowbolt	79000
172.3345588	boat ge pirateshot	118517
100	boat dps imperialsbot	50400
10.71428571	generali elaser	15907
52.5	power alaser	40625
AI priority		val+splash
40		18000
40		
40		50625
40		





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