

AQUA IRRIGATION

SEPTEMBER 29, 2025

WISH-119634

CUSTOMER : DAVE FIELDS

2006 LINDSAY GEN II - 90

9 TOWER - 1521.47 FT

SYSTEM 900 GPM @ 60 PSI

NELSON R3030 ROTATORS & A3030 ACCELERATORS

NELSON 20 & 10 PSI REGULATORS

NO ENDGUN

ELEVATION 40 FT UP, 0 FT DOWN

9370 COUNTY ROAD 35
ATWOOD, COLORADO 80722
(970)522-7560

WARRANTY

WATER APPLICATION UNIFORMITY OBTAINED WITH THIS SYSTEM CAN BE ADVERSELY AFFECTED BY MANY VARIABLES INCLUDING THE IMPROPER MAKEUP OR INSTALLATION OF THE SPRINKLER OR SPRAY NOZZLE PACKAGE, OBSTRUCTED NOZZLES, MAINTAINING INCORRECT PIVOT PRESSURE, UNFAVORABLE CLIMATIC CONDITIONS, TIGHT AND/OR SLOPING SOILS, IMPROPER END GUN ARC SETTINGS, ERRATIC AND IMPROPER OPERATING SPEED OF THE SYSTEM, POOR QUALITY OF WATER WITH ABRASIVES, CORROSIVES, AND/OR SOLIDS WHICH CAN CAUSE PLUGGING AND JAMMING, AS WELL AS INHERENT VARIABLES IN THE MANY COMPONENTS COMPRISING THE SYSTEM. THEREFORE WESTERN IRRIGATION SUPPLY HOUSE, INC., MAKES NO WARRANTY AS TO THE UNIFORMITY OF COVERAGE OBTAINED FROM THIS WATER APPLICATION PRINTOUT OTHER THAN ITS MATHEMATICAL ACCURACY.

IT IS THE RESPONSIBILITY OF THE END USER TO DETERMINE IF ANY INCOMPATIBILITY EXISTS BETWEEN THE WATER DISTRIBUTION DEVICES AND THE CROP, THE SOIL, AND THE PHYSICAL STRUCTURE OF THE MECHANICAL MOVE SYSTEM. WESTERN IRRIGATION SUPPLY HOUSE, INC., THEREFORE, DISCLAIMS ANY LIABILITY FOR DAMAGES DUE TO FAILURE OF THE SYSTEM TO PERFORM AS CONTEMPLATED.

FIGURES PRESENTED ON THIS COMPUTER PRINTOUT ARE BASED ON THE FOLLOWING:

1. DATA FURNISHED TO WESTERN IRRIGATION SUPPLY HOUSE, INC., ON PIPE LENGTH, DIAMETER, SURFACE FINISH, OUTLET SPACINGS, WATER FLOW, PIVOT PRESSURE AND ALL OTHER APPLICABLE INFORMATION.
2. THERE IS 100% WATER APPLICATION EFFICIENCY (ZERO WIND VELOCITY AND NO EVAPORATION).
3. PIVOT PRESSURE IS MEASURED ON THE MAIN HORIZONTAL DISTRIBUTION PIPE JUST AFTER THE LAST ELBOW.
4. MAIN PIPE PRESSURE IS CALCULATED AS IF THE PIVOT IS ALWAYS ON LEVEL GROUND.
5. SPRINKLER OR SPRAY NOZZLE BASE PRESSURE MAY BE LESS THAN MAIN LINE PIPE PRESSURE DUE TO THE USE OF PRESSURE REGULATORS. WHERE DROP PIPES ARE USED THE STATIC HEAD IS ADDED TO AND FRICTION LOSS IS SUBTRACTED FROM THE MAIN LINE PIPE PRESSURE TO DETERMINE INLET PSI. REGULATORS ARE CONSIDERED MOUNTED AT THE SAME HEIGHT AS THE SPRINKLING DEVICE UNLESS NOTED.

DEALER
AQUA IRRIGATION
9370 COUNTY ROAD 35
ATWOOD, COLORADO 80722

IRRIGATOR
DAVE FIELDS

				SPAN #	LENGTH	PIPE I.D.	# OF HEADS
TOTAL TARGET GPM	900.00	FRICTION FACTOR USED	138				
TOP OF PIVOT PRESSURE	60.00	TOTAL LENGTH	1521.47	1	181.60	6.395	10
NO ENDGUN		NUMBER OF TOWERS	9	2	179.00	6.395	12
NUMBER OF OUTLETS	214	NUMBER OF SPRINKLERS	129	3	179.00	6.395	12
				4	157.00	6.395	11
NELSON R3030 ROTATORS - D8 ORANGE PLATES FIRST 71 POSITIONS				5	157.00	6.395	10
NELSON A3030 ACCELERATORS - D6 GOLD PLATES BALANCE				6	157.00	6.395	11
NELSON BLUE TOP UNI-FLO & ALL-FLO 20 & 10 PSI INTEGRAL SERIES REGULATORS				7	157.00	6.395	16
POLYDROPS® AVERAGE 6 FT				8	160.00	6.395	21
ELEVATION IS 40 FT UP AND 0 FT DOWN				9	160.00	6.395	21
				OH	33.87	5.369	5

CAUTIONS AND WARNINGS

1. Inadequate crop clearance and/or structural interference may cause poor water distribution, resulting in decreased uniformity and possible streaking.

2. Over watering at beginning of system due to practical limitations on smallest nozzle sizes available and/or allowable for proper operation.

OUTLET NO.	LAST OUTLET	DISTANCE TO PIVOT	GPM NEED	GPM DEL.	PIPE PSI	NOZZLE PSI	SPRINKLER LABEL AND NOZZLE SIZE										SPRK NO.	REG SIZE	PLUG NO.	DROP LENGTH
1		2.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
2		7.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
3		15.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
4		22.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	
5	29.93	29.93	0.65	1.57	59.07	22.29	R3030	14	LIME								1	NNB20LF		66
6		37.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
7		44.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
8	21.83	51.76	0.71	1.57	58.36	22.29	R3030	14	LIME								2	NNB20LF		78
9		59.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
10	14.83	66.59	0.76	1.57	57.96	22.29	R3030	14	LIME								3	NNB20LF		84
11		73.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
12	14.67	81.26	0.92	1.57	57.63	22.29	R3030	14	LIME								4	NNB20LF		84
13		88.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	
14	14.50	95.76	1.09	1.57	57.37	22.29	R3030	14	LIME								5	NNB20LF		84
15		103.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
16	14.83	110.59	1.26	1.57	57.17	22.29	R3030	14	LIME								6	NNB20LF		84
17		117.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	
18	14.67	125.26	1.41	1.57	57.04	22.29	R3030	14	LIME								7	NNB20LF		78
19		132.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
20	14.50	139.76	1.59	1.57	56.97	22.29	R3030	14	LIME								8	NNB20LF		72
21		147.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
22	14.83	154.59	1.76	1.83	56.97	22.15	R3030	15	LIME								9	NNB20LF		66
23		161.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	
24	14.67	169.26	2.12	2.08	57.03	22.02	R3030	16	LAVENDER								10	NNB20LF		60
25		176.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	
TOWER 1	181.60	181.60																		
26		182.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	
27	17.50	186.76	2.33	2.33	56.80	21.89	R3030	17	LAVENDER								11	NNB20LF		54
28		194.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	
29	14.83	201.59	2.30	2.33	56.28	21.88	R3030	17	LAVENDER								12	NNB20LF		66
30		208.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	
31	14.67	216.26	2.44	2.33	55.77	21.88	R3030	17	LAVENDER								13	NNB20LF		72
32		223.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	
33	14.50	230.76	2.62	2.59	55.32	21.75	R3030	18	GRAY								14	NNB20LF		78
34		238.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
35	14.83	245.59	2.80	2.90	54.94	21.59	R3030	19	GRAY								15	NNB20LF		84
36		252.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	
37	14.67	260.26	2.94	2.90	54.62	21.59	R3030	19	GRAY								16	NNB20LF		84
38		267.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	
39	14.50	274.76	3.12	3.21	54.37	21.42	R3030	20	TURQUOISE								17	NNB20LF		84
40		282.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	
41	14.83	289.59	3.31	3.21	54.18	21.43	R3030	20	TURQUOISE								18	NNB20LF		84
42		296.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
43	14.67	304.26	3.43	3.47	54.07	21.29	R3030	21	TURQUOISE								19	NNB20LF		78
44		311.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	
45	14.50	318.76	3.62	3.47	54.01	21.29	R3030	21	TURQUOISE								20	NNB20LF		72
46		326.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	
47	14.83	333.59	3.81	3.83	54.03	21.10	R3030	22	YELLOW								21	NNB20LF		66

OUTLET NO.	LAST OUTLET	DISTANCE TO PIVOT	GPM NEED	GPM DEL.	PIPE PSI	NOZZLE PSI	SPRINKLER LABEL AND NOZZLE SIZE					SPRK NO.	REG SIZE	PLUG NO.	DROP LENGTH
48	14.67	340.93	-	-	-	-	-	-	-	-	-	-	-	27	60
49		348.26	4.34	4.15	54.11	20.99	R3030	23	YELLOW			22	NNB20LF		
50	179.00	355.76	-	-	-	-	-	-	-	-	-	-	-	28	54
51		360.60	-	-	-	-	-	-	-	-	-	-	-	29	
52	17.50	361.59	-	-	-	-	-	-	-	-	-	-	-	29	54
53	14.83	365.76	4.57	4.56	53.90	20.92	R3030	24	RED			23	NNB20LF		
54		373.26	-	-	-	-	-	-	-	-	-	-	-	30	66
55	14.67	380.59	4.35	4.15	53.41	20.99	R3030	23	YELLOW			24	NNB20LF		
56		387.93	-	-	-	-	-	-	-	-	-	-	-	31	72
57	14.50	395.26	4.46	4.56	52.91	20.92	R3030	24	RED			25	NNB20LF		
58		402.76	-	-	-	-	-	-	-	-	-	-	-	32	78
59	14.83	409.76	4.65	4.56	52.49	20.92	R3030	24	RED			26	NNB20LF		
60		417.26	-	-	-	-	-	-	-	-	-	-	-	33	84
61	14.67	424.59	4.85	4.92	52.12	20.85	R3030	25	RED			27	NNB20LF		
62		431.93	-	-	-	-	-	-	-	-	-	-	-	34	84
63	14.50	439.26	4.96	4.92	51.83	20.85	R3030	25	RED			28	NNB20LF		
64		446.76	-	-	-	-	-	-	-	-	-	-	-	35	84
65	14.83	453.76	5.15	5.33	51.60	20.78	R3030	26	WHITE			29	NNB20LF		
66		461.26	-	-	-	-	-	-	-	-	-	-	-	36	84
67	14.67	468.59	5.35	5.33	51.44	20.78	R3030	26	WHITE			30	NNB20LF		
68		475.93	-	-	-	-	-	-	-	-	-	-	-	37	78
69	14.50	483.26	5.46	5.33	51.35	20.78	R3030	26	WHITE			31	NNB20LF		
70		490.76	-	-	-	-	-	-	-	-	-	-	-	38	72
71	14.83	497.76	5.65	5.71	51.33	20.71	R3030	27	WHITE			32	NNB20LF		
72		505.26	-	-	-	-	-	-	-	-	-	-	-	39	66
73	14.67	512.59	5.85	5.71	51.37	20.71	R3030	27	WHITE			33	NNB20LF		
74		519.93	-	-	-	-	-	-	-	-	-	-	-	40	60
75	179.00	527.26	6.58	6.62	51.48	20.55	R3030	29	BLUE			34	NNB20LF		
76		534.76	-	-	-	-	-	-	-	-	-	-	-	41	54
77	17.50	539.60	-	-	-	-	-	-	-	-	-	-	-	42	
78		540.59	-	-	-	-	-	-	-	-	-	-	-	42	54
79	14.83	544.76	6.81	6.62	51.30	20.55	R3030	29	BLUE			35	NNB20LF		
80		552.26	-	-	-	-	-	-	-	-	-	-	-	43	66
81	14.67	559.59	6.39	6.20	50.78	20.62	R3030	28	BLUE			36	NNB20LF		
82		566.93	-	-	-	-	-	-	-	-	-	-	-	44	72
83	14.50	574.26	6.49	6.62	50.30	20.54	R3030	29	BLUE			37	NNB20LF		
84		581.76	-	-	-	-	-	-	-	-	-	-	-	45	78
85	14.83	588.76	6.69	6.62	49.91	20.54	R3030	29	BLUE			38	NNB20LF		
86		596.26	-	-	-	-	-	-	-	-	-	-	-	46	84
87	14.67	603.59	6.90	7.07	49.60	20.46	R3030	30	DK BROWN			39	NNB20LF		
88		610.76	-	-	-	-	-	-	-	-	-	-	-	47	84
89	14.50	618.26	7.03	7.07	49.38	20.46	R3030	30	DK BROWN			40	NNB20LF		
90		625.59	-	-	-	-	-	-	-	-	-	-	-	48	84
91	14.83	632.93	7.23	7.07	49.25	20.46	R3030	30	DK BROWN			41	NNB20LF		
92		640.26	-	-	-	-	-	-	-	-	-	-	-	49	78
93	14.50	647.76	7.36	7.47	49.20	20.39	R3030	31	DK BROWN			42	NNB20LF		
		654.76	-	-	-	-	-	-	-	-	-	-	-	50	72
		662.26	7.48	7.47	49.24	20.39	R3030	31	DK BROWN			43	NNB20LF		

OUTLET NO.	LAST OUTLET	DISTANCE TO PIVOT	GPM NEED	GPM DEL.	PIPE PSI	NOZZLE PSI	SPRINKLER LABEL AND NOZZLE SIZE						SPRK NO.	REG SIZE	PLUG NO.	DROP LENGTH
94	14.67	669.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	51	66
95		676.93	7.73	7.47	49.37	20.39	R3030	31	DK	BROWN			44	NNB20LF		
96		684.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	52	
97	14.83	691.76	8.67	8.54	49.48	20.25	R3030	33	ORANGE				45	NNB20LF		54
TOWER 4	157.00	696.60														
98		697.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	53	
99		701.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	54	
100	17.50	709.26	8.83	9.06	49.14	20.21	R3030	34	DK	GREEN			46	NNB20LF		60
101		716.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	55	
102	14.67	723.93	8.27	8.02	48.65	20.29	R3030	32	ORANGE				47	NNB20LF		72
103		731.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	56	
104	14.83	738.76	8.40	8.54	48.24	20.25	R3030	33	ORANGE				48	NNB20LF		78
105		745.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	57	
106	14.50	753.26	8.46	8.54	47.93	20.24	R3030	33	ORANGE				49	NNB20LF		84
107		760.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	58	
108	14.50	767.76	8.72	8.54	47.71	20.24	R3030	33	ORANGE				50	NNB20LF		84
109		775.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	59	
110	14.83	782.59	8.95	9.06	47.57	20.20	R3030	34	DK	GREEN			51	NNB20LF		84
111		789.93	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	60	
112	14.67	797.26	9.01	9.06	47.51	20.20	R3030	34	DK	GREEN			52	NNB20LF		84
113		804.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	61	
114	14.50	811.76	9.22	9.06	47.55	20.20	R3030	34	DK	GREEN			53	NNB20LF		78
115		819.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	62	
116	14.83	826.59	9.45	9.54	47.67	20.17	R3030	35	DK	GREEN			54	NNB20LF		72
117		833.93	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	63	
118	14.67	841.26	10.49	10.69	47.88	20.08	R3030	37	PURPLE				55	NNB20LF		60
119		848.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	64	
TOWER 5	157.00	853.60														
120		854.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	65	
121	17.50	858.76	10.75	10.69	47.83	20.08	R3030	37	PURPLE				56	NNB20LF		54
122		866.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	66	
123	14.83	873.59	9.98	10.01	47.38	20.13	R3030	36	PURPLE				57	NNB20LF		66
124		880.93	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	67	
125	14.67	888.26	10.04	10.01	46.97	20.13	R3030	36	PURPLE				58	NNB20LF		72
126		895.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	68	
127	14.50	902.76	10.26	10.01	46.66	20.13	R3030	36	PURPLE				59	NNB20LF		78
128		910.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	69	
129	14.83	917.59	10.49	10.69	46.42	20.08	R3030	37	PURPLE				60	NNB20LF		84
130		924.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	70	
131	14.67	932.26	10.60	10.69	46.28	20.08	R3030	37	PURPLE				61	NNB20LF		84
132		939.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	71	
133	14.67	946.93	10.82	10.69	46.22	20.08	R3030	37	PURPLE				62	NNB20LF		84
134		954.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	72	
135	14.83	961.76	10.93	10.69	46.25	20.08	R3030	37	PURPLE				63	NNB20LF		78
136		968.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	73	
137	14.50	976.26	11.04	11.29	46.37	20.03	R3030	38	BLACK				64	NNB20LF		72
138		983.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	74	
139	14.67	990.93	11.33	11.29	46.57	20.03	R3030	38	BLACK				65	NNB20LF		66

OUTLET NO.	LAST OUTLET	DISTANCE TO PIVOT	GPM NEED	GPM DEL.	PIPE PSI	NOZZLE PSI	SPRINKLER LABEL AND NOZZLE SIZE						SPRK NO.	REG SIZE	PLUG NO.	DROP LENGTH
140		998.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	75	
141	14.83	1005.76	12.61	12.32	46.77	19.41	R3030	40	DK	TURQ			66	NEL20AF		54
TOWER 6	157.00	1010.60														
142		1011.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	76	
143		1015.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	77	
144	17.50	1023.26	12.75	13.07	46.51	19.42	R3030	41	DK	TURQ			67	NEL20AF		60
145		1030.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	78	
146	14.67	1037.93	11.86	11.91	46.10	19.99	R3030	39	BLACK				68	NNB20LF		72
147		1045.26	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	79	
148	14.83	1052.76	11.96	11.91	45.78	19.99	R3030	39	BLACK				69	NNB20LF		78
149		1059.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	80	
150	14.50	1067.26	11.99	11.91	45.54	19.99	R3030	39	BLACK				70	NNB20LF		84
151		1074.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	81	
152	14.50	1081.76	9.21	9.05	45.39	20.19	R3030	34	DK	GREEN			71	NNB20LF		84
153	7.50	1089.26	6.26	6.21	45.35	10.71	A3030	33	ORANGE				72	NNB10LF		84
154	7.33	1096.59	6.24	6.21	45.33	10.71	A3030	33	ORANGE				73	NNB10LF		84
155	7.34	1103.93	6.28	6.21	45.33	10.71	A3030	33	ORANGE				74	NNB10LF		84
156	7.33	1111.26	6.39	6.21	45.36	10.71	A3030	33	ORANGE				75	NNB10LF		84
157	7.50	1118.76	6.29	6.21	45.40	10.71	A3030	33	ORANGE				76	NNB10LF		78
158	7.00	1125.76	6.33	6.21	45.47	10.71	A3030	33	ORANGE				77	NNB10LF		78
159	7.50	1133.26	6.52	6.57	45.56	10.65	A3030	34	DK	GREEN			78	NNB10LF		72
160	7.33	1140.59	6.49	6.57	45.67	10.65	A3030	34	DK	GREEN			79	NNB10LF		72
161	7.34	1147.93	6.53	6.57	45.80	10.65	A3030	34	DK	GREEN			80	NNB10LF		66
162	7.33	1155.26	6.65	6.57	45.96	10.65	A3030	34	DK	GREEN			81	NNB10LF		60
163	7.50	1162.76	6.99	6.92	46.03	10.61	A3030	35	DK	GREEN			82	NNB10LF		54
TOWER 7	157.00	1167.60														
164		1168.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	82	
165	8.00	1170.76	9.32	9.54	46.00	10.36	A3030	41	DK	TURQ			83	NNB10LF		54
166		1175.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	83	
167	12.50	1183.26	9.09	9.03	45.75	10.41	A3030	40	DK	TURQ			84	NNB10LF		60
168	7.33	1190.59	6.78	6.92	45.56	10.61	A3030	35	DK	GREEN			85	NNB10LF		66
169	7.34	1197.93	6.81	6.92	45.39	10.61	A3030	35	DK	GREEN			86	NNB10LF		72
170	7.33	1205.26	6.93	6.92	45.25	10.61	A3030	35	DK	GREEN			87	NNB10LF		78
171	7.50	1212.76	6.82	6.92	45.12	10.61	A3030	35	DK	GREEN			88	NNB10LF		78
172	7.00	1219.76	6.85	6.92	45.02	10.61	A3030	35	DK	GREEN			89	NNB10LF		78
173	7.50	1227.26	7.05	6.92	44.94	10.61	A3030	35	DK	GREEN			90	NNB10LF		84
174	7.33	1234.59	6.94	6.92	44.88	10.61	A3030	35	DK	GREEN			91	NNB10LF		84
175	7.17	1241.76	7.06	6.92	44.84	10.61	A3030	35	DK	GREEN			92	NNB10LF		84
176	7.50	1249.26	7.18	7.26	44.82	10.58	A3030	36	PURPLE				93	NNB10LF		84
177	7.33	1256.59	7.15	7.26	44.82	10.58	A3030	36	PURPLE				94	NNB10LF		84
178	7.34	1263.93	7.19	7.26	44.84	10.58	A3030	36	PURPLE				95	NNB10LF		84
179	7.33	1271.26	7.30	7.26	44.88	10.58	A3030	36	PURPLE				96	NNB10LF		78
180	7.50	1278.76	7.18	7.26	44.95	10.58	A3030	36	PURPLE				97	NNB10LF		78
181	7.00	1285.76	7.22	7.26	45.03	10.58	A3030	36	PURPLE				98	NNB10LF		78
182	7.50	1293.26	7.43	7.26	45.14	10.58	A3030	36	PURPLE				99	NNB10LF		72
183	7.33	1300.59	7.40	7.26	45.26	10.58	A3030	36	PURPLE				100	NNB10LF		66
184	7.34	1307.93	7.44	7.26	45.41	10.58	A3030	36	PURPLE				101	NNB10LF		66
185	7.33	1315.26	7.57	7.74	45.58	10.53	A3030	37	PURPLE				102	NNB10LF		60

OUTLET NO.	LAST OUTLET	DISTANCE TO PIVOT	GPM NEED	GPM DEL.	PIPE PSI	NOZZLE PSI	SPRINKLER LABEL AND NOZZLE SIZE			SPRK NO.	REG SIZE	PLUG NO.	DROP LENGTH
186	7.50	1322.76	7.95	8.16	45.66	10.49	A3030	38	BLACK	103	NNB10LF		54
TOWER 8	160.00	1327.60											
187		1328.59	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	84	
188	8.00	1330.76	10.58	10.46	45.65	10.35	A3030	43	MUSTARD	104	NEL10AF		54
189		1335.76	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	85	
190	12.50	1343.26	10.32	10.46	45.42	10.35	A3030	43	MUSTARD	105	NEL10AF		60
191	7.33	1350.59	7.68	7.74	45.25	10.53	A3030	37	PURPLE	106	NNB10LF		66
192	7.34	1357.93	7.71	7.74	45.10	10.53	A3030	37	PURPLE	107	NNB10LF		72
193	7.33	1365.26	7.84	7.74	44.97	10.53	A3030	37	PURPLE	108	NNB10LF		78
194	7.50	1372.76	7.71	7.74	44.86	10.53	A3030	37	PURPLE	109	NNB10LF		78
195	7.00	1379.76	7.75	7.74	44.77	10.53	A3030	37	PURPLE	110	NNB10LF		78
196	7.50	1387.26	7.97	8.16	44.70	10.49	A3030	38	BLACK	111	NNB10LF		84
197	7.33	1394.59	7.82	7.74	44.65	10.53	A3030	37	PURPLE	112	NNB10LF		84
198	7.17	1401.76	7.96	8.16	44.63	10.49	A3030	38	BLACK	113	NNB10LF		84
199	7.50	1409.26	8.08	8.16	44.62	10.49	A3030	38	BLACK	114	NNB10LF		84
200	7.33	1416.59	8.03	8.16	44.63	10.49	A3030	38	BLACK	115	NNB10LF		84
201	7.34	1423.93	8.06	8.16	44.67	10.49	A3030	38	BLACK	116	NNB10LF		84
202	7.33	1431.26	8.18	8.16	44.72	10.49	A3030	38	BLACK	117	NNB10LF		78
203	7.50	1438.76	8.04	8.16	44.80	10.49	A3030	38	BLACK	118	NNB10LF		78
204	7.00	1445.76	8.07	8.16	44.89	10.49	A3030	38	BLACK	119	NNB10LF		78
205	7.50	1453.26	8.29	8.16	45.01	10.49	A3030	38	BLACK	120	NNB10LF		72
206	7.33	1460.59	8.26	8.16	45.15	10.49	A3030	38	BLACK	121	NNB10LF		66
207	7.34	1467.93	8.31	8.16	45.30	10.49	A3030	38	BLACK	122	NNB10LF		66
208	7.33	1475.26	8.46	8.61	45.48	10.45	A3030	39	BLACK	123	NNB10LF		60
209	7.50	1482.76	9.56	9.54	45.57	10.36	A3030	41	DK TURQ	124	NNB10LF		54
TOWER 9	160.00	1487.60											
PIPE ID CHANGES FROM 6.395 TO 5.369													
210	9.21	1491.97	9.62	9.54	45.57	10.36	A3030	41	DK TURQ	125	NNB10LF		54
211	7.50	1499.47	8.60	8.61	45.57	10.45	A3030	39	BLACK	126	NNB10LF		54
212	7.33	1506.80	8.02	8.16	45.57	10.49	A3030	38	BLACK	127	NNB10LF		54
213	6.42	1513.22	6.90	6.92	45.57	10.61	A3030	35	DK GREEN	128	NNB10LF		54
214	5.50	1518.72	6.90	6.92	45.57	10.61	A3030	35	DK GREEN	129	NNB10LF		54
OVERHANG	33.87	1521.47											

TOTAL GPM = 900.55
GPA = 5.39

MINIMUM RECOMMENDED REGULATOR INLET PRESSURE IS 25.00 PSI
WITH GRADUATED ELEVATION OF 40.00 FT THE INLET PRESSURE IS 35.11 PSI FOR SPRINKLER 70
THIS POSITION IS THE CLOSEST TO THE MINIMUM RECOMMENDED INLET PRESSURE

HYDRAULICS SUMMARY

<u>TOWER NUMBER</u>	<u>ACRES UNDER SPAN</u>	<u>GPM NEED</u>	<u>ACTUAL GPM</u>	<u>PERCENT DEVIATION</u>	<u>GPM PER ACRE</u>	<u>AVERAGE IN. PER HR DELIVERED UNDER SPAN</u>	<u>AVERAGE IN. DELIVERED FOR REVOLUTION TIME</u>		
							<u>36 HR</u>	<u>48 HR</u>	<u>60 HR</u>
1	2.38	12.82	17.01	33%	7.15	0.016	0.57	0.76	0.95
2	7.00	37.73	37.19	-1%	5.31	0.012	0.42	0.56	0.70
3	11.62	62.65	62.07	-1%	5.34	0.012	0.42	0.57	0.71
4	14.00	75.46	75.03	-1%	5.36	0.012	0.43	0.57	0.71
5	17.55	94.62	94.13	-1%	5.36	0.012	0.43	0.57	0.71
6	21.11	113.79	113.55	0%	5.38	0.012	0.43	0.57	0.71
7	24.66	132.96	132.47	0%	5.37	0.012	0.43	0.57	0.71
8	28.79	155.22	155.23	0%	5.39	0.012	0.43	0.57	0.71
9	32.49	175.12	173.97	-1%	5.36	0.012	0.43	0.57	0.71
OVERHANG	7.35	39.62	39.90	1%	5.43	0.012	0.43	0.58	0.72
TOTAL	166.95	900.00	900.55		5.39				

SUMMARY OF SPRINKLERS

8 R3030 14 LIME
1 R3030 15 LIME
1 R3030 16 LAVENDER
3 R3030 17 LAVENDER
1 R3030 18 GRAY
2 R3030 19 GRAY
2 R3030 20 TURQUOISE
2 R3030 21 TURQUOISE
1 R3030 22 YELLOW
2 R3030 23 YELLOW
3 R3030 24 RED
2 R3030 25 RED
3 R3030 26 WHITE
2 R3030 27 WHITE
1 R3030 28 BLUE
4 R3030 29 BLUE
3 R3030 30 DK BROWN
3 R3030 31 DK BROWN
1 R3030 32 ORANGE
4 R3030 33 ORANGE
5 R3030 34 DK GREEN
1 R3030 35 DK GREEN
3 R3030 36 PURPLE
6 R3030 37 PURPLE
2 R3030 38 BLACK
3 R3030 39 BLACK
1 R3030 40 DK TURQ
1 R3030 41 DK TURQ
6 A3030 33 ORANGE
4 A3030 34 DK GREEN
11 A3030 35 DK GREEN
9 A3030 36 PURPLE
7 A3030 37 PURPLE
13 A3030 38 BLACK
2 A3030 39 BLACK
1 A3030 40 DK TURQ
3 A3030 41 DK TURQ
2 A3030 43 MUSTARD

85 PLUGS**SUMMARY OF DROPS**

16 54 IN DROP
11 60 IN DROP
17 66 IN DROP
18 72 IN DROP
27 78 IN DROP
40 84 IN DROP

TOTAL OF 129 DROPS**SUMMARY OF REGULATORS**

69 Nelson Blue Int Uni Flo 20 psi
2 Nelson Int All-Flo 20 psi
56 Nelson Blue Int Uni Flo 10 psi

2 Nelson Int All-Flo 10 psi

TOTAL OF 129 REGULATORS

NOZZLE POSITION CHART

R3030 14 LIME	1, 2, 3, 4, 5, 6, 7, 8
R3030 15 LIME	9
R3030 16 LAVENDER	10
R3030 17 LAVENDER	11, 12, 13
R3030 18 GRAY	14
R3030 19 GRAY	15, 16
R3030 20 TURQUOISE	17, 18
R3030 21 TURQUOISE	19, 20
R3030 22 YELLOW	21
R3030 23 YELLOW	22, 24
R3030 24 RED	23, 25, 26
R3030 25 RED	27, 28
R3030 26 WHITE	29, 30, 31
R3030 27 WHITE	32, 33
R3030 28 BLUE	36
R3030 29 BLUE	34, 35, 37, 38
R3030 30 DK BROWN	39, 40, 41
R3030 31 DK BROWN	42, 43, 44
R3030 32 ORANGE	47
R3030 33 ORANGE	45, 48, 49, 50
R3030 34 DK GREEN	46, 51, 52, 53, 71
R3030 35 DK GREEN	54
R3030 36 PURPLE	57, 58, 59
R3030 37 PURPLE	55, 56, 60, 61, 62, 63
R3030 38 BLACK	64, 65
R3030 39 BLACK	68, 69, 70
R3030 40 DK TURQ	66
R3030 41 DK TURQ	67
A3030 33 ORANGE	72, 73, 74, 75, 76, 77
A3030 34 DK GREEN	78, 79, 80, 81
A3030 35 DK GREEN	82, 85, 86, 87, 88, 89, 90, 91, 92, 128,129
A3030 36 PURPLE	93, 94, 95, 96, 97, 98, 99, 100,101
A3030 37 PURPLE	102,106,107,108,109,110,112
A3030 38 BLACK	103,111,113,114,115,116,117,118,119,120,121,122,127
A3030 39 BLACK	123,126
A3030 40 DK TURQ	84
A3030 41 DK TURQ	83, 124,125
A3030 43 MUSTARD	104,105

AQUA IRRIGATION

9370 COUNTY ROAD 35

ATWOOD, COLORADO 80722

SEPTEMBER 29, 2025
WISH-119634
DAVE FIELDS

2006 LINDSAY GEN II - 90
NELSON R3030 ROTATORS
NELSON 20 PSI REGULATORS
POLYDROPS®
NO ENDGUN

Rotation time at 100% = 12.46 Hours Or 748 minutes

900 GPM @ 60 PSI

Installation Chart

Page 1

Out #	Drop Len	Sprk #	Noz Size	Reg	Out #	Drop Len	Sprk #	Noz Size	Reg	Out #	Drop Len	Sprk #	Noz Size	Reg	Out #	Drop Len	Sprk #	Noz Size	Reg
1	PLUG				9	PLUG				20	PLUG				11	84	91	35	10LF
2	PLUG				10	84	27	25	20LF	21	60	55	37	20LF	12	84	92	35	10LF
3	PLUG				11	PLUG				22	PLUG				13	84	93	36	10LF
4	PLUG				12	84	28	25	20LF		TOWER 5				14	84	94	36	10LF
5	66	1	14	20LF	13	PLUG				1	PLUG				15	84	95	36	10LF
6	PLUG				14	84	29	26	20LF	2	54	56	37	20LF	16	78	96	36	10LF
7	PLUG				15	PLUG				3	PLUG				17	78	97	36	10LF
8	78	2	14	20LF	16	84	30	26	20LF	4	66	57	36	20LF	18	78	98	36	10LF
9	PLUG				17	PLUG				5	PLUG				19	72	99	36	10LF
10	84	3	14	20LF	18	78	31	26	20LF	6	72	58	36	20LF	20	66	100	36	10LF
11	PLUG				19	PLUG				7	PLUG				21	66	101	36	10LF
12	84	4	14	20LF	20	72	32	27	20LF	8	78	59	36	20LF	22	60	102	37	10LF
13	PLUG				21	PLUG				9	PLUG				23	54	103	38	10LF
14	84	5	14	20LF	22	66	33	27	20LF	10	84	60	37	20LF		TOWER 8			
15	PLUG				23	PLUG				11	PLUG				1	PLUG			
16	84	6	14	20LF	24	60	34	29	20LF	12	84	61	37	20LF	2	54	104	43	10AF
17	PLUG				25	PLUG				13	PLUG				3	PLUG			
18	78	7	14	20LF		TOWER 3				14	84	62	37	20LF	4	60	105	43	10AF
19	PLUG				1	PLUG				15	PLUG				5	66	106	37	10LF
20	72	8	14	20LF	2	54	35	29	20LF	16	78	63	37	20LF	6	72	107	37	10LF
21	PLUG				3	PLUG				17	PLUG				7	78	108	37	10LF
22	66	9	15	20LF	4	66	36	28	20LF	18	72	64	38	20LF	8	78	109	37	10LF
23	PLUG				5	PLUG				19	PLUG				9	78	110	37	10LF
24	60	10	16	20LF	6	72	37	29	20LF	20	66	65	38	20LF	10	84	111	38	10LF
25	PLUG				7	PLUG				21	PLUG				11	84	112	37	10LF
	TOWER 1				8	78	38	29	20LF	22	54	66	40	20AF	12	84	113	38	10LF
1	PLUG				9	PLUG					TOWER 6				13	84	114	38	10LF
2	54	11	17	20LF	10	84	39	30	20LF	1	PLUG				14	84	115	38	10LF
3	PLUG				11	PLUG				2	PLUG				15	84	116	38	10LF
4	66	12	17	20LF	12	84	40	30	20LF	3	60	67	41	20AF	16	78	117	38	10LF
5	PLUG				13	PLUG				4	PLUG				17	78	118	38	10LF
6	72	13	17	20LF	14	84	41	30	20LF	5	72	68	39	20LF	18	78	119	38	10LF
7	PLUG				15	PLUG				6	PLUG				19	72	120	38	10LF
8	78	14	18	20LF	16	78	42	31	20LF	7	78	69	39	20LF	20	66	121	38	10LF
9	PLUG				17	PLUG				8	PLUG				21	66	122	38	10LF
10	84	15	19	20LF	18	72	43	31	20LF	9	84	70	39	20LF	22	60	123	39	10LF
11	PLUG				19	PLUG				10	PLUG				23	54	124	41	10LF
12	84	16	19	20LF	20	66	44	31	20LF	11	84	71	34	20LF		TOWER 9			
13	PLUG				21	PLUG				12	84	72	33	10LF	1	54	125	41	10LF
14	84	17	20	20LF	22	54	45	33	20LF	13	84	73	33	10LF	2	54	126	39	10LF
15	PLUG					TOWER 4				14	84	74	33	10LF	3	54	127	38	10LF
16	84	18	20	20LF	1	PLUG				15	84	75	33	10LF	4	54	128	35	10LF
17	PLUG				2	PLUG				16	78	76	33	10LF	5	54	129	35	10LF
18	78	19	21	20LF	3	60	46	34	20LF	17	78	77	33	10LF					
19	PLUG				4	PLUG				18	72	78	34	10LF					
20	72	20	21	20LF	5	72	47	32	20LF	19	72	79	34	10LF					
21	PLUG				6	PLUG				20	66	80	34	10LF					
22	66	21	22	20LF	7	78	48	33	20LF	21	60	81	34	10LF					
23	PLUG				8	PLUG				22	54	82	35	10LF					
24	60	22	23	20LF	9	84	49	33	20LF		TOWER 7								
25	PLUG				10	PLUG				1	PLUG								
	TOWER 2				11	84	50	33	20LF	2	54	83	41	10LF					
1	PLUG				12	PLUG				3	PLUG								
2	54	23	24	20LF	13	84	51	34	20LF	4	60	84	40	10LF					
3	PLUG				14	PLUG				5	66	85	35	10LF					
4	66	24	23	20LF	15	84	52	34	20LF	6	72	86	35	10LF					
5	PLUG				16	PLUG				7	78	87	35	10LF					
6	72	25	24	20LF	17	78	53	34	20LF	8	78	88	35	10LF					
7	PLUG				18	PLUG				9	78	89	35	10LF					
8	78	26	24	20LF	19	72	54	35	20LF	10	84	90	35	10LF					

PRECIPITATION CHART FOR FULL CIRCLE

WISH-119634

SEPTEMBER 29, 2025

DEALER - AQUA IRRIGATION

IRRIGATOR - DAVE FIELDS

TOTAL LENGTH PIPE = 1521.47 SYSTEM PRESSURE = 60 PSI
 GPM UNDER PIPE = 900.55 TOTAL GPM = 900.55
 ACRES UNDER PIPE = 166.95
 RANGE OF ENDGUN = .00
 GPM OF ENDGUN = .00
 ACRES UNDER ENDGUN = .00

MOTOR SIZE (HP) = 3/4
 LOADED MOTOR RPM = 1750
 CENTER GEAR BOX RATIO = 40
 WHEEL GEAR BOX RATIO = 50
 TIRE SIZE = 11.2 X 38
 LAST TOWER SPEED (FPM) = 12.50

PRECIPITATION BASED

% TIMER BASED

PRECIPITATION INCHES	% TIMER SETTING	TIME HOURS	% TIMER SETTING	PRECIPITATION INCHES	TIME HOURS
.15	100.00	12.46 - 748(min)	100.00	.15	12.46 - 748(min)
.20	74.27	16.78	90.00	.17	13.85
.25	59.41	20.98	80.00	.19	15.58
.30	49.51	25.17	70.00	.21	17.80
.40	37.13	33.56	60.00	.25	20.77
.50	29.71	41.95	50.00	.30	24.93
.60	24.76	50.34	45.00	.33	27.69
.70	21.22	58.73	40.00	.37	31.16
.75	19.80	62.93	35.00	.42	35.61
.80	18.57	67.12	30.00	.50	41.54
.90	16.50	75.51	25.00	.59	49.85
1.00	14.85	83.90	20.00	.74	62.31
1.25	11.88	104.88	15.00	.99	83.08
1.50	9.90	125.85	10.00	1.49	124.63
1.75	8.49	146.83	5.00	2.97	249.25

CAUTION: The relationship between precipitation rate, timer setting, and hours per revolution provided above are theoretical numbers based on the data list at the top of the page. Actual precipitation rates may vary due to the following field and machine conditions: wind drift; evaporation; tire slippage, tire loaded radius; drive train efficiency; elevation changes; soil type. Due to these varying field and machine conditions the above chart should be used as a guide only.

DEALER - AQUA IRRIGATION

IRRIGATOR - DAVE FIELDS

<u>SPAN 1</u> <u>POS/LEN</u>	<u>SPAN 2</u> <u>POS/LEN</u>	<u>SPAN 3</u> <u>POS/LEN</u>	<u>SPAN 4</u> <u>POS/LEN</u>	<u>SPAN 5</u> <u>POS/LEN</u>	<u>SPAN 6</u> <u>POS/LEN</u>	<u>SPAN 7</u> <u>POS/LEN</u>	<u>SPAN 8</u> <u>POS/LEN</u>	<u>SPAN 9</u> <u>POS/LEN</u>	<u>ENDBOOM</u> <u>POS/LEN</u>
1 - 66	11 - 54	23 - 54	35 - 54	46 - 60	56 - 54	67 - 60	83 - 54	104 - 54	125 - 54
2 - 78	12 - 66	24 - 66	36 - 66	47 - 72	57 - 66	68 - 72	84 - 60	105 - 60	126 - 54
3 - 84	13 - 72	25 - 72	37 - 72	48 - 78	58 - 72	69 - 78	85 - 66	106 - 66	127 - 54
4 - 84	14 - 78	26 - 78	38 - 78	49 - 84	59 - 78	70 - 84	86 - 72	107 - 72	128 - 54
5 - 84	15 - 84	27 - 84	39 - 84	50 - 84	60 - 84	71 - 84	87 - 78	108 - 78	129 - 54
6 - 84	16 - 84	28 - 84	40 - 84	51 - 84	61 - 84	72 - 84	88 - 78	109 - 78	
7 - 78	17 - 84	29 - 84	41 - 84	52 - 84	62 - 84	73 - 84	89 - 78	110 - 78	
8 - 72	18 - 84	30 - 84	42 - 78	53 - 78	63 - 78	74 - 84	90 - 84	111 - 84	
9 - 66	19 - 78	31 - 78	43 - 72	54 - 72	64 - 72	75 - 84	91 - 84	112 - 84	
10 - 60	20 - 72	32 - 72	44 - 66	55 - 60	65 - 66	76 - 78	92 - 84	113 - 84	
	21 - 66	33 - 66	45 - 54		66 - 54	77 - 78	93 - 84	114 - 84	
	22 - 60	34 - 60				78 - 72	94 - 84	115 - 84	
						79 - 72	95 - 84	116 - 84	
						80 - 66	96 - 78	117 - 78	
						81 - 60	97 - 78	118 - 78	
						82 - 54	98 - 78	119 - 78	
							99 - 72	120 - 72	
							100 - 66	121 - 66	
							101 - 66	122 - 66	
							102 - 60	123 - 60	
							103 - 54	124 - 54	

SUMMARY OF DROPS

16 - 54 IN DROP
 11 - 60 IN DROP
 17 - 66 IN DROP
 18 - 72 IN DROP
 27 - 78 IN DROP
 40 - 84 IN DROP

TOTAL OF 129 DROPS