

HI PLAINS FARM EQUIPMENT

SEPTEMBER 18, 2025

WISH-119604

CUSTOMER : SKYBOUND

LINDSAY GEN II
8 TOWER - 1281.47 FT
SYSTEM 600 GPM @ 30 PSI

LEGAL : 701

KOMET PRECISION TWISTERS
KOMET 10 PSI REGULATORS
NO ENDGUN
ELEVATION 15 FT UP, 15 FT DOWN

1509 SOUTH 2ND
DODGE CITY, KANSAS 67801
(620)225-0064

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.

LINDSAY GEN II

SEPTEMBER 18, 2025

WISH-119604

DEALER

HI PLAINS FARM EQUIPMENT
 1509 SOUTH 2ND
 DODGE CITY, KANSAS 67801

IRRIGATOR

SKYBOUND
 701

					SPAN #	LENGTH	PIPE I.D.	# OF HEADS
TOTAL TARGET GPM	600.00	FRICTION FACTOR USED	140					
TOP OF PIVOT PRESSURE	30.00	TOTAL LENGTH	1281.47	1	159.60	6.395	15	
NO ENDGUN		NUMBER OF TOWERS	8	2	157.00	6.395	18	
NUMBER OF OUTLETS	148	NUMBER OF SPRINKLERS	145	3	157.00	6.395	18	
KOMET PRECISION TWISTERS - BLACK STANDARD ANGLE PLATES				4	157.00	6.395	18	
KOMET KPR-X 10 PSI PRESSURE REGULATORS				5	157.00	6.395	18	
DROPS AVERAGE 8.5 FT OF .75 I.D. FLEXIBLE HOSE				6	157.00	6.395	18	
ELEVATION IS 15 FT UP AND 15 FT DOWN				7	157.00	6.395	18	
				8	157.00	6.395	18	
				OH	22.87	5.369	4	

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		9.09	-	-	-	-	-	-	-	-	1
2		17.38	-	-	-	-	-	-	-	-	2
3		26.26	-	-	-	-	-	-	-	-	3
4	35.14	35.14	0.22	0.61	29.14	10.93	KPT TWISTER 10 BEIGE	1	KPRX10	102	
5	8.29	43.43	0.26	0.61	28.94	10.93	KPT TWISTER 10 BEIGE	2	KPRX10	108	
6	8.41	51.84	0.30	0.61	28.77	10.93	KPT TWISTER 10 BEIGE	3	KPRX10	108	
7	7.42	59.26	0.32	0.61	28.64	10.93	KPT TWISTER 10 BEIGE	4	KPRX10	114	
8	7.42	66.68	0.38	0.61	28.53	10.93	KPT TWISTER 10 BEIGE	5	KPRX10	114	
9	8.41	75.09	0.46	0.61	28.43	10.93	KPT TWISTER 10 BEIGE	6	KPRX10	114	
10	8.29	83.38	0.52	0.61	28.36	10.93	KPT TWISTER 10 BEIGE	7	KPRX10	114	
11	8.88	92.26	0.59	0.61	28.32	10.93	KPT TWISTER 10 BEIGE	8	KPRX10	114	
12	8.88	101.14	0.63	0.61	28.31	10.93	KPT TWISTER 10 BEIGE	9	KPRX10	114	
13	8.29	109.43	0.72	0.73	28.32	10.92	KPT TWISTER 11 BEIGE	10	KPRX10	108	
14	9.66	119.09	0.77	0.73	28.38	10.92	KPT TWISTER 11 BEIGE	11	KPRX10	108	
15	8.29	127.38	0.79	0.73	28.45	10.92	KPT TWISTER 11 BEIGE	12	KPRX10	102	
16	8.88	136.26	0.88	0.87	28.56	10.91	KPT TWISTER 12 GOLD	13	KPRX10	96	
17	8.88	145.14	0.90	0.87	28.70	10.91	KPT TWISTER 12 GOLD	14	KPRX10	90	
18	8.29	153.43	1.17	1.18	28.79	10.89	KPT TWISTER 14 LIME	15	KPRX10	84	
TOWER 1	159.60	159.60									
19	12.66	166.09	1.25	1.18	28.69	10.89	KPT TWISTER 14 LIME	16	KPRX10	84	
20	8.29	174.38	1.09	1.01	28.43	10.90	KPT TWISTER 13 GOLD	17	KPRX10	90	
21	8.88	183.26	1.18	1.18	28.16	10.89	KPT TWISTER 14 LIME	18	KPRX10	96	
22	8.88	192.14	1.20	1.18	27.92	10.89	KPT TWISTER 14 LIME	19	KPRX10	102	
23	8.29	200.43	1.22	1.18	27.72	10.89	KPT TWISTER 14 LIME	20	KPRX10	108	
24	8.41	208.84	1.20	1.18	27.55	10.89	KPT TWISTER 14 LIME	21	KPRX10	108	
25	7.42	216.26	1.17	1.18	27.42	10.89	KPT TWISTER 14 LIME	22	KPRX10	114	
26	7.42	223.68	1.29	1.35	27.31	10.88	KPT TWISTER 15 LIME	23	KPRX10	114	
27	8.41	232.09	1.41	1.35	27.22	10.88	KPT TWISTER 15 LIME	24	KPRX10	114	
28	8.29	240.38	1.50	1.53	27.16	10.86	KPT TWISTER 16 LAVENDER	25	KPRX10	114	
29	8.88	249.26	1.61	1.53	27.12	10.86	KPT TWISTER 16 LAVENDER	26	KPRX10	114	
30	8.88	258.14	1.61	1.53	27.11	10.86	KPT TWISTER 16 LAVENDER	27	KPRX10	114	
31	8.29	266.43	1.74	1.72	27.13	10.85	KPT TWISTER 17 LAVENDER	28	KPRX10	108	
32	9.66	276.09	1.80	1.72	27.18	10.85	KPT TWISTER 17 LAVENDER	29	KPRX10	108	
33	8.29	284.38	1.77	1.72	27.26	10.85	KPT TWISTER 17 LAVENDER	30	KPRX10	102	
34	8.88	293.26	1.89	1.93	27.38	10.84	KPT TWISTER 18 GREY	31	KPRX10	96	
35	8.88	302.14	1.88	1.93	27.52	10.84	KPT TWISTER 18 GREY	32	KPRX10	90	
36	8.29	310.43	2.37	2.37	27.62	10.80	KPT TWISTER 20 TURQUOISE	33	KPRX10	84	
TOWER 2	157.00	316.60									
37	12.66	323.09	2.45	2.37	27.53	10.80	KPT TWISTER 20 TURQUOISE	34	KPRX10	84	
38	8.29	331.38	2.07	2.14	27.27	10.82	KPT TWISTER 19 GREY	35	KPRX10	90	
39	8.88	340.26	2.19	2.14	27.00	10.82	KPT TWISTER 19 GREY	36	KPRX10	96	
40	8.88	349.14	2.18	2.14	26.77	10.82	KPT TWISTER 19 GREY	37	KPRX10	102	
41	8.29	357.43	2.17	2.14	26.58	10.82	KPT TWISTER 19 GREY	38	KPRX10	108	
42	8.41	365.84	2.10	2.14	26.41	10.82	KPT TWISTER 19 GREY	39	KPRX10	108	
43	7.42	373.26	2.01	1.93	26.29	10.84	KPT TWISTER 18 GREY	40	KPRX10	114	
44	7.42	380.68	2.19	2.14	26.19	10.82	KPT TWISTER 19 GREY	41	KPRX10	114	
45	8.41	389.09	2.36	2.37	26.11	10.80	KPT TWISTER 20 TURQUOISE	42	KPRX10	114	
46	8.29	397.38	2.48	2.37	26.05	10.80	KPT TWISTER 20 TURQUOISE	43	KPRX10	114	

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
47	8.88	406.26	2.62	2.62	26.01	10.79	KPT TWISTER 21 TURQUOISE	44	KPRX10		114
48	8.88	415.14	2.59	2.62	26.01	10.79	KPT TWISTER 21 TURQUOISE	45	KPRX10		114
49	8.29	423.43	2.76	2.86	26.04	10.77	KPT TWISTER 22 YELLOW	46	KPRX10		108
50	9.66	433.09	2.82	2.86	26.11	10.77	KPT TWISTER 22 YELLOW	47	KPRX10		108
51	8.29	441.38	2.75	2.86	26.19	10.77	KPT TWISTER 22 YELLOW	48	KPRX10		102
52	8.88	450.26	2.90	2.86	26.31	10.77	KPT TWISTER 22 YELLOW	49	KPRX10		96
53	8.88	459.14	2.86	2.86	26.47	10.77	KPT TWISTER 22 YELLOW	50	KPRX10		90
54	8.29	467.43	3.57	3.67	26.57	10.71	KPT TWISTER 25 RED	51	KPRX10		84
TOWER 3	157.00	473.60									
55	12.66	480.09	3.64	3.67	26.50	10.71	KPT TWISTER 25 RED	52	KPRX10		84
56	8.29	488.38	3.05	3.12	26.25	10.75	KPT TWISTER 23 YELLOW	53	KPRX10		90
57	8.88	497.26	3.21	3.12	25.99	10.75	KPT TWISTER 23 YELLOW	54	KPRX10		96
58	8.88	506.14	3.16	3.12	25.77	10.75	KPT TWISTER 23 YELLOW	55	KPRX10		102
59	8.29	514.43	3.12	3.12	25.59	10.75	KPT TWISTER 23 YELLOW	56	KPRX10		108
60	8.41	522.84	3.00	3.12	25.43	10.75	KPT TWISTER 23 YELLOW	57	KPRX10		108
61	7.42	530.26	2.86	2.86	25.32	10.77	KPT TWISTER 22 YELLOW	58	KPRX10		114
62	7.42	537.68	3.09	3.12	25.22	10.75	KPT TWISTER 23 YELLOW	59	KPRX10		114
63	8.41	546.09	3.31	3.40	25.15	10.73	KPT TWISTER 24 RED	60	KPRX10		114
64	8.29	554.38	3.46	3.40	25.10	10.73	KPT TWISTER 24 RED	61	KPRX10		114
65	8.88	563.26	3.63	3.67	25.08	10.71	KPT TWISTER 25 RED	62	KPRX10		114
66	8.88	572.14	3.57	3.67	25.09	10.71	KPT TWISTER 25 RED	63	KPRX10		114
67	8.29	580.43	3.78	3.67	25.12	10.71	KPT TWISTER 25 RED	64	KPRX10		108
68	9.66	590.09	3.84	3.97	25.20	10.69	KPT TWISTER 26 WHITE	65	KPRX10		108
69	8.29	598.38	3.73	3.67	25.30	10.71	KPT TWISTER 25 RED	66	KPRX10		102
70	8.88	607.26	3.91	3.97	25.43	10.69	KPT TWISTER 26 WHITE	67	KPRX10		96
71	8.88	616.14	3.84	3.97	25.60	10.69	KPT TWISTER 26 WHITE	68	KPRX10		90
72	8.29	624.43	4.75	4.92	25.71	10.63	KPT TWISTER 29 BLUE	69	KPRX10		84
TOWER 4	157.00	630.60									
73	12.66	637.09	4.83	4.92	25.65	10.63	KPT TWISTER 29 BLUE	70	KPRX10		84
74	8.29	645.38	4.02	3.97	25.41	10.69	KPT TWISTER 26 WHITE	71	KPRX10		90
75	8.88	654.26	4.21	4.28	25.17	10.67	KPT TWISTER 27 WHITE	72	KPRX10		96
76	8.88	663.14	4.13	4.28	24.96	10.67	KPT TWISTER 27 WHITE	73	KPRX10		102
77	8.29	671.43	4.06	3.97	24.79	10.69	KPT TWISTER 26 WHITE	74	KPRX10		108
78	8.41	679.84	3.90	3.97	24.64	10.69	KPT TWISTER 26 WHITE	75	KPRX10		108
79	7.42	687.26	3.70	3.67	24.54	10.71	KPT TWISTER 25 RED	76	KPRX10		114
80	7.42	694.68	3.99	3.97	24.46	10.69	KPT TWISTER 26 WHITE	77	KPRX10		114
81	8.41	703.09	4.26	4.28	24.39	10.67	KPT TWISTER 27 WHITE	78	KPRX10		114
82	8.29	711.38	4.43	4.28	24.35	10.67	KPT TWISTER 27 WHITE	79	KPRX10		114
83	8.88	720.26	4.64	4.59	24.34	10.65	KPT TWISTER 28 BLUE	80	KPRX10		114
84	8.88	729.14	4.54	4.59	24.37	10.65	KPT TWISTER 28 BLUE	81	KPRX10		114
85	8.29	737.43	4.80	4.92	24.42	10.63	KPT TWISTER 29 BLUE	82	KPRX10		108
86	9.66	747.09	4.86	4.92	24.51	10.63	KPT TWISTER 29 BLUE	83	KPRX10		108
87	8.29	755.38	4.70	4.59	24.62	10.65	KPT TWISTER 28 BLUE	84	KPRX10		102
88	8.88	764.26	4.92	4.92	24.76	10.63	KPT TWISTER 29 BLUE	85	KPRX10		96
89	8.88	773.14	4.81	4.92	24.94	10.63	KPT TWISTER 29 BLUE	86	KPRX10		90
90	8.29	781.43	5.94	5.96	25.07	10.55	KPT TWISTER 32 ORANGE	87	KPRX10		84
TOWER 5	157.00	787.60									
91	12.66	794.09	6.02	5.96	25.03	10.55	KPT TWISTER 32 ORANGE	88	KPRX10		84

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
92	8.29	802.38	5.00	4.92	24.80	10.63	KPT TWISTER 29 BLUE	89	KPRX10		90
93	8.88	811.26	5.22	5.25	24.57	10.60	KPT TWISTER 30 DK BROWN	90	KPRX10		96
94	8.88	820.14	5.11	5.25	24.37	10.60	KPT TWISTER 30 DK BROWN	91	KPRX10		102
95	8.29	828.43	5.01	4.92	24.21	10.63	KPT TWISTER 29 BLUE	92	KPRX10		108
96	8.41	836.84	4.80	4.92	24.08	10.63	KPT TWISTER 29 BLUE	93	KPRX10		108
97	7.42	844.26	4.54	4.59	23.99	10.65	KPT TWISTER 28 BLUE	94	KPRX10		114
98	7.42	851.68	4.89	4.92	23.92	10.63	KPT TWISTER 29 BLUE	95	KPRX10		114
99	8.41	860.09	5.20	5.25	23.86	10.60	KPT TWISTER 30 DK BROWN	96	KPRX10		114
100	8.29	868.38	5.40	5.25	23.84	10.60	KPT TWISTER 30 DK BROWN	97	KPRX10		114
101	8.88	877.26	5.65	5.61	23.84	10.58	KPT TWISTER 31 DK BROWN	98	KPRX10		114
102	8.88	886.14	5.51	5.61	23.88	10.58	KPT TWISTER 31 DK BROWN	99	KPRX10		114
103	8.29	894.43	5.82	5.96	23.94	10.55	KPT TWISTER 32 ORANGE	100	KPRX10		108
104	9.66	904.09	5.88	5.96	24.04	10.55	KPT TWISTER 32 ORANGE	101	KPRX10		108
105	8.29	912.38	5.67	5.61	24.16	10.58	KPT TWISTER 31 DK BROWN	102	KPRX10		102
106	8.88	921.26	5.93	5.96	24.32	10.55	KPT TWISTER 32 ORANGE	103	KPRX10		96
107	8.88	930.14	5.78	5.96	24.51	10.55	KPT TWISTER 32 ORANGE	104	KPRX10		90
108	8.29	938.43	7.12	7.29	24.65	10.46	KPT TWISTER 36 PURPLE	105	KPRX10		84
TOWER 6	157.00	944.60									
109	12.66	951.09	7.20	7.29	24.63	10.46	KPT TWISTER 36 PURPLE	106	KPRX10		84
110	8.29	959.38	5.96	5.96	24.41	10.55	KPT TWISTER 32 ORANGE	107	KPRX10		90
111	8.88	968.26	6.22	6.14	24.20	10.54	KPT TWISTER 33 ORANGE	108	KPRX10		96
112	8.88	977.14	6.07	6.14	24.01	10.54	KPT TWISTER 33 ORANGE	109	KPRX10		102
113	8.29	985.43	5.95	5.96	23.86	10.55	KPT TWISTER 32 ORANGE	110	KPRX10		108
114	8.41	993.84	5.69	5.61	23.74	10.58	KPT TWISTER 31 DK BROWN	111	KPRX10		108
115	7.42	1001.26	5.38	5.25	23.66	10.60	KPT TWISTER 30 DK BROWN	112	KPRX10		114
116	7.42	1008.68	5.78	5.61	23.60	10.58	KPT TWISTER 31 DK BROWN	113	KPRX10		114
117	8.41	1017.09	6.15	6.14	23.56	10.54	KPT TWISTER 33 ORANGE	114	KPRX10		114
118	8.29	1025.38	6.38	6.51	23.55	10.51	KPT TWISTER 34 DK GREEN	115	KPRX10		114
119	8.88	1034.26	6.65	6.51	23.56	10.51	KPT TWISTER 34 DK GREEN	116	KPRX10		114
120	8.88	1043.14	6.49	6.51	23.61	10.51	KPT TWISTER 34 DK GREEN	117	KPRX10		114
121	8.29	1051.43	6.84	6.89	23.68	10.49	KPT TWISTER 35 DK GREEN	118	KPRX10		108
122	9.66	1061.09	6.90	6.89	23.80	10.49	KPT TWISTER 35 DK GREEN	119	KPRX10		108
123	8.29	1069.38	6.65	6.51	23.93	10.51	KPT TWISTER 34 DK GREEN	120	KPRX10		102
124	8.88	1078.26	6.94	6.89	24.10	10.49	KPT TWISTER 35 DK GREEN	121	KPRX10		96
125	8.88	1087.14	6.77	6.89	24.30	10.49	KPT TWISTER 35 DK GREEN	122	KPRX10		90
126	8.29	1095.43	8.32	8.52	24.45	10.37	KPT TWISTER 39 BLACK	123	KPRX10		84
TOWER 7	157.00	1101.60									
127	12.66	1108.09	8.39	8.52	24.44	10.37	KPT TWISTER 39 BLACK	124	KPRX10		84
128	8.29	1116.38	6.93	6.89	24.24	10.49	KPT TWISTER 35 DK GREEN	125	KPRX10		90
129	8.88	1125.26	7.23	7.29	24.03	10.46	KPT TWISTER 36 PURPLE	126	KPRX10		96
130	8.88	1134.14	7.04	6.89	23.85	10.49	KPT TWISTER 35 DK GREEN	127	KPRX10		102
131	8.29	1142.43	6.90	6.89	23.72	10.49	KPT TWISTER 35 DK GREEN	128	KPRX10		108
132	8.41	1150.84	6.59	6.51	23.61	10.51	KPT TWISTER 34 DK GREEN	129	KPRX10		108
133	7.42	1158.26	6.22	6.14	23.53	10.54	KPT TWISTER 33 ORANGE	130	KPRX10		114
134	7.42	1165.68	6.69	6.51	23.48	10.51	KPT TWISTER 34 DK GREEN	131	KPRX10		114
135	8.41	1174.09	7.12	7.29	23.45	10.46	KPT TWISTER 36 PURPLE	132	KPRX10		114
136	8.29	1182.38	7.36	7.29	23.44	10.46	KPT TWISTER 36 PURPLE	133	KPRX10		114
137	8.88	1191.26	7.67	7.69	23.46	10.43	KPT TWISTER 37 PURPLE	134	KPRX10		114

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
138	8.88	1200.14	7.47	7.29	23.52	10.46	KPT TWISTER 36 PURPLE	135	KPRX10	114	
139	8.29	1208.43	7.88	7.69	23.60	10.43	KPT TWISTER 37 PURPLE	136	KPRX10	108	
140	9.66	1218.09	7.97	8.11	23.72	10.40	KPT TWISTER 38 BLACK	137	KPRX10	108	
141	8.29	1226.38	7.66	7.69	23.86	10.43	KPT TWISTER 37 PURPLE	138	KPRX10	102	
142	8.88	1235.26	7.97	8.11	24.04	10.40	KPT TWISTER 38 BLACK	139	KPRX10	96	
143	8.88	1244.14	7.73	7.69	24.25	10.43	KPT TWISTER 37 PURPLE	140	KPRX10	90	
144	8.29	1252.43	8.59	8.52	24.40	10.37	KPT TWISTER 39 BLACK	141	KPRX10	84	
TOWER 8	157.00	1258.60	PIPE ID CHANGES FROM 6.395 TO 5.369								
145	10.62	1263.05	8.28	8.11	24.40	10.40	KPT TWISTER 38 BLACK	142	KPRX10	84	
146	7.42	1270.47	6.93	6.89	24.40	10.49	KPT TWISTER 35 DK GREEN	143	KPRX10	84	
147	7.42	1277.89	5.31	5.25	24.40	10.60	KPT TWISTER 30 DK BROWN	144	KPRX10	84	
148	3.58	1281.47	5.24	5.25	24.40	10.60	KPT TWISTER 30 DK BROWN	145	KPRX10	84	
OVERHANG	22.87	1281.47									

TOTAL GPM = 600.94

GPA = 5.06

MINIMUM RECOMMENDED REGULATOR INLET PRESSURE IS 15.00 PSI

WITH GRADUATED ELEVATION OF 15.00 FT THE INLET PRESSURE IS 20.06 PSI FOR SPRINKLER 141
THIS POSITION IS THE CLOSEST TO THE MINIMUM RECOMMENDED INLET PRESSUREHYDRAULICS SUMMARY

TOWER NUMBER	ACRES	GPM NEED	ACTUAL GPM	PERCENT DEVIATION	GPM PER ACRE	AVERAGE IN. PER HR DELIVERED UNDER SPAN	AVERAGE IN. DELIVERED FOR REVOLUTION TIME		
	UNDER SPAN						36 HR	48 HR	60 HR
1	1.84	9.29	10.55	14%	5.74	0.013	0.46	0.61	0.76
2	5.39	27.27	26.74	-2%	4.96	0.011	0.39	0.53	0.66
3	8.95	45.25	45.11	0%	5.04	0.011	0.40	0.53	0.67
4	12.50	63.23	63.57	1%	5.08	0.011	0.40	0.54	0.67
5	16.06	81.22	80.97	0%	5.04	0.011	0.40	0.53	0.67
6	19.61	99.20	99.15	0%	5.05	0.011	0.40	0.54	0.67
7	23.17	117.18	116.21	-1%	5.02	0.011	0.40	0.53	0.66
8	26.72	135.16	133.71	-1%	5.00	0.011	0.40	0.53	0.66
OVERHANG	4.19	21.19	24.93	18%	5.95	0.013	0.47	0.63	0.79
TOTAL	118.43	599.00	600.94		5.07				

SUMMARY OF SPRINKLERS

9 KPT TWISTER 10 BEIGE
3 KPT TWISTER 11 BEIGE
2 KPT TWISTER 12 GOLD
1 KPT TWISTER 13 GOLD
7 KPT TWISTER 14 LIME
2 KPT TWISTER 15 LIME
3 KPT TWISTER 16 LAVENDER
3 KPT TWISTER 17 LAVENDER
3 KPT TWISTER 18 GREY
6 KPT TWISTER 19 GREY
4 KPT TWISTER 20 TURQUOISE
2 KPT TWISTER 21 TURQUOISE
6 KPT TWISTER 22 YELLOW
6 KPT TWISTER 23 YELLOW
2 KPT TWISTER 24 RED
7 KPT TWISTER 25 RED
7 KPT TWISTER 26 WHITE
4 KPT TWISTER 27 WHITE
4 KPT TWISTER 28 BLUE
10 KPT TWISTER 29 BLUE
7 KPT TWISTER 30 DK BROWN
5 KPT TWISTER 31 DK BROWN
8 KPT TWISTER 32 ORANGE
4 KPT TWISTER 33 ORANGE
6 KPT TWISTER 34 DK GREEN
8 KPT TWISTER 35 DK GREEN
6 KPT TWISTER 36 PURPLE
4 KPT TWISTER 37 PURPLE
3 KPT TWISTER 38 BLACK
3 KPT TWISTER 39 BLACK

3 PLUGS**TOTAL OF 145 DROPS**

LENGTH OF HOSE: 1245.5 FT.

SUMMARY OF DROPS

19 84 IN DROP
15 90 IN DROP
15 96 IN DROP
16 102 IN DROP
32 108 IN DROP
48 114 IN DROP

SUMMARY OF REGULATORS

145 Komet PR-X 10 psi

TOTAL OF 145 REGULATORS

NOZZLE POSITION CHART

KPT TWISTER 10 BEIGE	1, 2, 3, 4, 5, 6, 7, 8, 9
KPT TWISTER 11 BEIGE	10, 11, 12
KPT TWISTER 12 GOLD	13, 14
KPT TWISTER 13 GOLD	17
KPT TWISTER 14 LIME	15, 16, 18, 19, 20, 21, 22
KPT TWISTER 15 LIME	23, 24
KPT TWISTER 16 LAVENDER	25, 26, 27
KPT TWISTER 17 LAVENDER	28, 29, 30
KPT TWISTER 18 GREY	31, 32, 40
KPT TWISTER 19 GREY	35, 36, 37, 38, 39, 41
KPT TWISTER 20 TURQUOISE	33, 34, 42, 43
KPT TWISTER 21 TURQUOISE	44, 45
KPT TWISTER 22 YELLOW	46, 47, 48, 49, 50, 58
KPT TWISTER 23 YELLOW	53, 54, 55, 56, 57, 59
KPT TWISTER 24 RED	60, 61
KPT TWISTER 25 RED	51, 52, 62, 63, 64, 66, 76
KPT TWISTER 26 WHITE	65, 67, 68, 71, 74, 75, 77
KPT TWISTER 27 WHITE	72, 73, 78, 79
KPT TWISTER 28 BLUE	80, 81, 84, 94
KPT TWISTER 29 BLUE	69, 70, 82, 83, 85, 86, 89, 92, 93, 95
KPT TWISTER 30 DK BROWN	90, 91, 96, 97, 112, 144, 145
KPT TWISTER 31 DK BROWN	98, 99, 102, 111, 113
KPT TWISTER 32 ORANGE	87, 88, 100, 101, 103, 104, 107, 110
KPT TWISTER 33 ORANGE	108, 109, 114, 130
KPT TWISTER 34 DK GREEN	115, 116, 117, 120, 129, 131
KPT TWISTER 35 DK GREEN	118, 119, 121, 122, 125, 127, 128, 143
KPT TWISTER 36 PURPLE	105, 106, 126, 132, 133, 135
KPT TWISTER 37 PURPLE	134, 136, 138, 140
KPT TWISTER 38 BLACK	137, 139, 142
KPT TWISTER 39 BLACK	123, 124, 141

HI PLAINS FARM EQUIPMENT

1509 SOUTH 2ND

DODGE CITY, KANSAS 67801

SEPTEMBER 18, 2025

WISH-119604

SKYBOUND

701

Rotation time at 100% = 14.48 Hours Or 869 minutes

600 GPM @ 30 PSI

LINDSAY GEN II

KOMET PRECISION TWISTERS

KOMET 10 PSI REGULATORS

.75 I.D. FLEXIBLE HOSE

HEAD

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
1	PLUG				4	102	55	23	KPRX10	7	114	112	30	KPRX10
2	PLUG				5	108	56	23	KPRX10	8	114	113	31	KPRX10
3	PLUG				6	108	57	23	KPRX10	9	114	114	33	KPRX10
4	102	1	10	KPRX10	7	114	58	22	KPRX10	10	114	115	34	KPRX10
5	108	2	10	KPRX10	8	114	59	23	KPRX10	11	114	116	34	KPRX10
6	108	3	10	KPRX10	9	114	60	24	KPRX10	12	114	117	34	KPRX10
7	114	4	10	KPRX10	10	114	61	24	KPRX10	13	108	118	35	KPRX10
8	114	5	10	KPRX10	11	114	62	25	KPRX10	14	108	119	35	KPRX10
9	114	6	10	KPRX10	12	114	63	25	KPRX10	15	102	120	34	KPRX10
10	114	7	10	KPRX10	13	108	64	25	KPRX10	16	96	121	35	KPRX10
11	114	8	10	KPRX10	14	108	65	26	KPRX10	17	90	122	35	KPRX10
12	114	9	10	KPRX10	15	102	66	25	KPRX10	18	84	123	39	KPRX10
13	108	10	11	KPRX10	16	96	67	26	KPRX10	TOWER 7				
14	108	11	11	KPRX10	17	90	68	26	KPRX10	1	84	124	39	KPRX10
15	102	12	11	KPRX10	18	84	69	29	KPRX10	2	90	125	35	KPRX10
16	96	13	12	KPRX10	TOWER 4					3	96	126	36	KPRX10
17	90	14	12	KPRX10	1	84	70	29	KPRX10	4	102	127	35	KPRX10
18	84	15	14	KPRX10	2	90	71	26	KPRX10	5	108	128	35	KPRX10
TOWER 1														
1	84	16	14	KPRX10	4	102	73	27	KPRX10	7	114	130	33	KPRX10
2	90	17	13	KPRX10	5	108	74	26	KPRX10	8	114	131	34	KPRX10
3	96	18	14	KPRX10	6	108	75	26	KPRX10	9	114	132	36	KPRX10
4	102	19	14	KPRX10	7	114	76	25	KPRX10	10	114	133	36	KPRX10
5	108	20	14	KPRX10	8	114	77	26	KPRX10	11	114	134	37	KPRX10
6	108	21	14	KPRX10	9	114	78	27	KPRX10	12	114	135	36	KPRX10
7	114	22	14	KPRX10	10	114	79	27	KPRX10	13	108	136	37	KPRX10
8	114	23	15	KPRX10	11	114	80	28	KPRX10	14	108	137	38	KPRX10
9	114	24	15	KPRX10	12	114	81	28	KPRX10	15	102	138	37	KPRX10
10	114	25	16	KPRX10	13	108	82	29	KPRX10	16	96	139	38	KPRX10
11	114	26	16	KPRX10	14	108	83	29	KPRX10	17	90	140	37	KPRX10
12	114	27	16	KPRX10	15	102	84	28	KPRX10	18	84	141	39	KPRX10
13	108	28	17	KPRX10	16	96	85	29	KPRX10	TOWER 8				
14	108	29	17	KPRX10	17	90	86	29	KPRX10	1	84	142	38	KPRX10
15	102	30	17	KPRX10	18	84	87	32	KPRX10	2	84	143	35	KPRX10
16	96	31	18	KPRX10	TOWER 5					3	84	144	30	KPRX10
17	90	32	18	KPRX10	1	84	88	32	KPRX10	4	84	145	30	KPRX10
18	84	33	20	KPRX10	2	90	89	29	KPRX10	TOWER 2				
TOWER 2														
1	84	34	20	KPRX10	4	102	91	30	KPRX10	TOWER 3				
2	90	35	19	KPRX10	5	108	92	29	KPRX10	TOWER 4				
3	96	36	19	KPRX10	6	108	93	29	KPRX10	TOWER 5				
4	102	37	19	KPRX10	7	114	94	28	KPRX10	TOWER 6				
5	108	38	19	KPRX10	8	114	95	29	KPRX10	TOWER 7				
6	108	39	19	KPRX10	9	114	96	30	KPRX10	TOWER 8				
7	114	40	18	KPRX10	10	114	97	30	KPRX10	TOWER 1				
8	114	41	19	KPRX10	11	114	98	31	KPRX10	TOWER 2				
9	114	42	20	KPRX10	12	114	99	31	KPRX10	TOWER 3				
10	114	43	20	KPRX10	13	108	100	32	KPRX10	TOWER 4				
11	114	44	21	KPRX10	14	108	101	32	KPRX10	TOWER 5				
12	114	45	21	KPRX10	15	102	102	31	KPRX10	TOWER 6				
13	108	46	22	KPRX10	16	96	103	32	KPRX10	TOWER 7				
14	108	47	22	KPRX10	17	90	104	32	KPRX10	TOWER 8				
15	102	48	22	KPRX10	18	84	105	36	KPRX10	TOWER 1				
16	96	49	22	KPRX10	TOWER 2					TOWER 3				
17	90	50	22	KPRX10	1	84	106	36	KPRX10	TOWER 4				
18	84	51	25	KPRX10	2	90	107	32	KPRX10	TOWER 5				
TOWER 3														
1	84	52	25	KPRX10	4	102	109	33	KPRX10	TOWER 6				
2	90	53	23	KPRX10	5	108	110	32	KPRX10	TOWER 7				
3	96	54	23	KPRX10	6	108	111	31	KPRX10	TOWER 8				

PRECIPITATION CHART FOR FULL CIRCLE

WISH-119604

SEPTEMBER 18, 2025

DEALER - HI PLAINS FARM EQUIPMENT

IRRIGATOR - SKYBOUND
FIELD - 701

TOTAL LENGTH PIPE = 1281.47 SYSTEM PRESSURE = 30 PSI
 GPM UNDER PIPE = 600.94 TOTAL GPM = 600.94
 ACRES UNDER PIPE = 118.43
 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 24
 LAST TOWER SPEED (FPM) = 9.10

PRECIPITATION BASED**% TIMER BASED**

PRECIPITATION INCHES	% TIMER SETTING	TIME HOURS	% TIMER SETTING	PRECIPITATION INCHES	TIME HOURS
.16	100.00	14.48 - 869(min)	100.00	.16	14.48 - 869(min)
.20	81.19	17.84	90.00	.18	16.09
.25	64.95	22.30	80.00	.20	18.10
.30	54.13	26.76	70.00	.23	20.69
.40	40.60	35.68	60.00	.27	24.14
.50	32.48	44.60	50.00	.32	28.97
.60	27.06	53.52	45.00	.36	32.19
.70	23.20	62.44	40.00	.41	36.21
.75	21.65	66.90	35.00	.46	41.38
.80	20.30	71.36	30.00	.54	48.28
.90	18.04	80.28	25.00	.65	57.93
1.00	16.24	89.20	20.00	.81	72.42
1.25	12.99	111.49	15.00	1.08	96.56
1.50	10.83	133.79	10.00	1.62	144.84
1.75	9.28	156.09	5.00	3.25	289.67

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 - HI PLAINS FARM EQUIPMENT

IRRIGATOR - SKYBOUND
FIELD - 701

SPAN 1 POS/LEN	SPAN 2 POS/LEN	SPAN 3 POS/LEN	SPAN 4 POS/LEN	SPAN 5 POS/LEN	SPAN 6 POS/LEN	SPAN 7 POS/LEN	SPAN 8 POS/LEN	ENDBOOM POS/LEN
1 - 102	16 - 84	34 - 84	52 - 84	70 - 84	88 - 84	106 - 84	124 - 84	142 - 84
2 - 108	17 - 90	35 - 90	53 - 90	71 - 90	89 - 90	107 - 90	125 - 90	143 - 84
3 - 108	18 - 96	36 - 96	54 - 96	72 - 96	90 - 96	108 - 96	126 - 96	144 - 84
4 - 114	19 - 102	37 - 102	55 - 102	73 - 102	91 - 102	109 - 102	127 - 102	145 - 84
5 - 114	20 - 108	38 - 108	56 - 108	74 - 108	92 - 108	110 - 108	128 - 108	
6 - 114	21 - 108	39 - 108	57 - 108	75 - 108	93 - 108	111 - 108	129 - 108	
7 - 114	22 - 114	40 - 114	58 - 114	76 - 114	94 - 114	112 - 114	130 - 114	
8 - 114	23 - 114	41 - 114	59 - 114	77 - 114	95 - 114	113 - 114	131 - 114	
9 - 114	24 - 114	42 - 114	60 - 114	78 - 114	96 - 114	114 - 114	132 - 114	
10 - 108	25 - 114	43 - 114	61 - 114	79 - 114	97 - 114	115 - 114	133 - 114	
11 - 108	26 - 114	44 - 114	62 - 114	80 - 114	98 - 114	116 - 114	134 - 114	
12 - 102	27 - 114	45 - 114	63 - 114	81 - 114	99 - 114	117 - 114	135 - 114	
13 - 96	28 - 108	46 - 108	64 - 108	82 - 108	100 - 108	118 - 108	136 - 108	
14 - 90	29 - 108	47 - 108	65 - 108	83 - 108	101 - 108	119 - 108	137 - 108	
15 - 84	30 - 102	48 - 102	66 - 102	84 - 102	102 - 102	120 - 102	138 - 102	
	31 - 96	49 - 96	67 - 96	85 - 96	103 - 96	121 - 96	139 - 96	
	32 - 90	50 - 90	68 - 90	86 - 90	104 - 90	122 - 90	140 - 90	
	33 - 84	51 - 84	69 - 84	87 - 84	105 - 84	123 - 84	141 - 84	

SUMMARY OF DROPS

19 - 84 IN DROP
 15 - 90 IN DROP
 15 - 96 IN DROP
 16 - 102 IN DROP
 32 - 108 IN DROP
 48 - 114 IN DROP

TOTAL OF 145 DROPS