

HI PLAINS FARM EQUIPMENT

JUNE 24, 2024

CUSTOMER : SKYBOUND

LEGAL : 701

WISH-114729

LINDSAY GEN II
8 TOWER - 1281.47 FT
SYSTEM 200 GPM @ 30 PSI
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.

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

IRRIGATOR
SKYBOUND
701

| | | | | | | |
|-----------------------|--------|----------------------|---------|-------|--------|-----------|
| TOTAL TARGET GPM | 200.00 | FRICTION FACTOR USED | 140 | SPANS | LENGTH | PIPE I.D. |
| TOP OF PIVOT PRESSURE | 30.00 | TOTAL LENGTH | 1281.47 | 1 | 159.60 | 6.395 |
| NO ENDGUN | | NUMBER OF TOWERS | 8 | 7 | 157.00 | 6.395 |
| NUMBER OF OUTLETS | 148 | NUMBER OF SPRINKLERS | 145 | OH | 22.87 | 5.369 |

KOMET PRECISION TWISTERS - BLACK STANDARD ANGLE PLATES
KOMET KPR-X 10 PSI PRESSURE REGULATORS
DROPS AVERAGE 8.5 FT OF .75 I.D. FLEXIBLE HOSE
ELEVATION IS 15 FT UP AND 15 FT DOWN

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 | 0.19 | 0.61 | 29.39 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 1 | KPRX10 | | 102 |
| 5 | 8.29 | 43.43 | 0.09 | 0.61 | 29.25 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 2 | KPRX10 | | 108 |
| 6 | 8.41 | 51.84 | 0.10 | 0.61 | 29.13 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 3 | KPRX10 | | 108 |
| 7 | 7.42 | 59.26 | 0.11 | 0.61 | 29.05 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 4 | KPRX10 | | 114 |
| 8 | 7.42 | 66.68 | 0.13 | 0.61 | 28.99 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 5 | KPRX10 | | 114 |
| 9 | 8.41 | 75.09 | 0.15 | 0.61 | 28.95 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 6 | KPRX10 | | 114 |
| 10 | 8.29 | 83.38 | 0.17 | 0.61 | 28.94 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 7 | KPRX10 | | 114 |
| 11 | 8.88 | 92.26 | 0.20 | 0.61 | 28.96 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 8 | KPRX10 | | 114 |
| 12 | 8.88 | 101.14 | 0.21 | 0.61 | 29.01 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 9 | KPRX10 | | 114 |
| 13 | 8.29 | 109.43 | 0.23 | 0.61 | 29.08 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 10 | KPRX10 | | 108 |
| 14 | 9.66 | 119.09 | 0.25 | 0.61 | 29.20 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 11 | KPRX10 | | 108 |
| 15 | 8.29 | 127.38 | 0.26 | 0.61 | 29.33 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 12 | KPRX10 | | 102 |
| 16 | 8.88 | 136.26 | 0.29 | 0.61 | 29.50 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 13 | KPRX10 | | 96 |
| 17 | 8.88 | 145.14 | 0.29 | 0.61 | 29.70 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 14 | KPRX10 | | 90 |
| 18 | 8.29 | 153.43 | 0.38 | 0.61 | 29.84 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 15 | KPRX10 | | 84 |
| TOWER 1 | 159.60 | 159.60 | | | | | | | | | | | | | |
| 19 | 12.66 | 166.09 | 0.41 | 0.61 | 29.83 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 16 | KPRX10 | | 84 |
| 20 | 8.29 | 174.38 | 0.35 | 0.61 | 29.62 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 17 | KPRX10 | | 90 |
| 21 | 8.88 | 183.26 | 0.38 | 0.61 | 29.41 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 18 | KPRX10 | | 96 |
| 22 | 8.88 | 192.14 | 0.39 | 0.61 | 29.23 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 19 | KPRX10 | | 102 |
| 23 | 8.29 | 200.43 | 0.39 | 0.61 | 29.09 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 20 | KPRX10 | | 108 |
| 24 | 8.41 | 208.84 | 0.39 | 0.61 | 28.98 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 21 | KPRX10 | | 108 |
| 25 | 7.42 | 216.26 | 0.38 | 0.61 | 28.90 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 22 | KPRX10 | | 114 |
| 26 | 7.42 | 223.68 | 0.41 | 0.61 | 28.84 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 23 | KPRX10 | | 114 |
| 27 | 8.41 | 232.09 | 0.45 | 0.61 | 28.80 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 24 | KPRX10 | | 114 |
| 28 | 8.29 | 240.38 | 0.48 | 0.61 | 28.79 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 25 | KPRX10 | | 114 |
| 29 | 8.88 | 249.26 | 0.52 | 0.61 | 28.81 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 26 | KPRX10 | | 114 |
| 30 | 8.88 | 258.14 | 0.52 | 0.61 | 28.86 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 27 | KPRX10 | | 114 |
| 31 | 8.29 | 266.43 | 0.56 | 0.61 | 28.93 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 28 | KPRX10 | | 108 |
| 32 | 9.66 | 276.09 | 0.58 | 0.61 | 29.05 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 29 | KPRX10 | | 108 |
| 33 | 8.29 | 284.38 | 0.57 | 0.61 | 29.18 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 30 | KPRX10 | | 102 |
| 34 | 8.88 | 293.26 | 0.61 | 0.61 | 29.35 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 31 | KPRX10 | | 96 |
| 35 | 8.88 | 302.14 | 0.60 | 0.61 | 29.55 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 32 | KPRX10 | | 90 |
| 36 | 8.29 | 310.43 | 0.76 | 0.73 | 29.70 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 33 | KPRX10 | | 84 |
| TOWER 2 | 157.00 | 316.60 | | | | | | | | | | | | | |
| 37 | 12.66 | 323.09 | 0.78 | 0.73 | 29.69 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 34 | KPRX10 | | 84 |
| 38 | 8.29 | 331.38 | 0.66 | 0.61 | 29.48 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 35 | KPRX10 | | 90 |
| 39 | 8.88 | 340.26 | 0.70 | 0.73 | 29.27 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 36 | KPRX10 | | 96 |
| 40 | 8.88 | 349.14 | 0.70 | 0.73 | 29.09 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 37 | KPRX10 | | 102 |
| 41 | 8.29 | 357.43 | 0.69 | 0.73 | 28.95 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 38 | KPRX10 | | 108 |
| 42 | 8.41 | 365.84 | 0.67 | 0.73 | 28.84 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 39 | KPRX10 | | 108 |
| 43 | 7.42 | 373.26 | 0.64 | 0.61 | 28.76 | 10.93 | KPT | TWISTER | 10 | BEIGE | | 40 | KPRX10 | | 114 |
| 44 | 7.42 | 380.68 | 0.70 | 0.73 | 28.70 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 41 | KPRX10 | | 114 |
| 45 | 8.41 | 389.09 | 0.76 | 0.73 | 28.67 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 42 | KPRX10 | | 114 |
| 46 | 8.29 | 397.38 | 0.79 | 0.73 | 28.66 | 10.92 | KPT | TWISTER | 11 | BEIGE | | 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 | 0.84 | 0.87 | 28.67 | 10.91 | KPT | TWISTER | 12 | GOLD | 44 | KPRX10 | | 114 |
| 48 | 8.88 | 415.14 | 0.83 | 0.87 | 28.72 | 10.91 | KPT | TWISTER | 12 | GOLD | 45 | KPRX10 | | 114 |
| 49 | 8.29 | 423.43 | 0.88 | 0.87 | 28.80 | 10.91 | KPT | TWISTER | 12 | GOLD | 46 | KPRX10 | | 108 |
| 50 | 9.66 | 433.09 | 0.90 | 0.87 | 28.92 | 10.91 | KPT | TWISTER | 12 | GOLD | 47 | KPRX10 | | 108 |
| 51 | 8.29 | 441.38 | 0.88 | 0.87 | 29.05 | 10.91 | KPT | TWISTER | 12 | GOLD | 48 | KPRX10 | | 102 |
| 52 | 8.88 | 450.26 | 0.93 | 0.87 | 29.22 | 10.91 | KPT | TWISTER | 12 | GOLD | 49 | KPRX10 | | 96 |
| 53 | 8.88 | 459.14 | 0.92 | 0.87 | 29.42 | 10.91 | KPT | TWISTER | 12 | GOLD | 50 | KPRX10 | | 90 |
| 54 | 8.29 | 467.43 | 1.14 | 1.18 | 29.57 | 10.89 | KPT | TWISTER | 14 | LIME | 51 | KPRX10 | | 84 |
| TOWER 3 | 157.00 | 473.60 | | | | | | | | | | | | |
| 55 | 12.66 | 480.09 | 1.17 | 1.18 | 29.56 | 10.89 | KPT | TWISTER | 14 | LIME | 52 | KPRX10 | | 84 |
| 56 | 8.29 | 488.38 | 0.98 | 1.01 | 29.36 | 10.90 | KPT | TWISTER | 13 | GOLD | 53 | KPRX10 | | 90 |
| 57 | 8.88 | 497.26 | 1.03 | 1.01 | 29.15 | 10.90 | KPT | TWISTER | 13 | GOLD | 54 | KPRX10 | | 96 |
| 58 | 8.88 | 506.14 | 1.01 | 1.01 | 28.97 | 10.90 | KPT | TWISTER | 13 | GOLD | 55 | KPRX10 | | 102 |
| 59 | 8.29 | 514.43 | 1.00 | 1.01 | 28.83 | 10.90 | KPT | TWISTER | 13 | GOLD | 56 | KPRX10 | | 108 |
| 60 | 8.41 | 522.84 | 0.96 | 1.01 | 28.72 | 10.90 | KPT | TWISTER | 13 | GOLD | 57 | KPRX10 | | 108 |
| 61 | 7.42 | 530.26 | 0.92 | 0.87 | 28.64 | 10.91 | KPT | TWISTER | 12 | GOLD | 58 | KPRX10 | | 114 |
| 62 | 7.42 | 537.68 | 0.99 | 1.01 | 28.59 | 10.90 | KPT | TWISTER | 13 | GOLD | 59 | KPRX10 | | 114 |
| 63 | 8.41 | 546.09 | 1.06 | 1.01 | 28.55 | 10.90 | KPT | TWISTER | 13 | GOLD | 60 | KPRX10 | | 114 |
| 64 | 8.29 | 554.38 | 1.11 | 1.18 | 28.54 | 10.89 | KPT | TWISTER | 14 | LIME | 61 | KPRX10 | | 114 |
| 65 | 8.88 | 563.26 | 1.16 | 1.18 | 28.56 | 10.89 | KPT | TWISTER | 14 | LIME | 62 | KPRX10 | | 114 |
| 66 | 8.88 | 572.14 | 1.14 | 1.18 | 28.61 | 10.89 | KPT | TWISTER | 14 | LIME | 63 | KPRX10 | | 114 |
| 67 | 8.29 | 580.43 | 1.21 | 1.18 | 28.69 | 10.89 | KPT | TWISTER | 14 | LIME | 64 | KPRX10 | | 108 |
| 68 | 9.66 | 590.09 | 1.23 | 1.18 | 28.81 | 10.89 | KPT | TWISTER | 14 | LIME | 65 | KPRX10 | | 108 |
| 69 | 8.29 | 598.38 | 1.20 | 1.18 | 28.94 | 10.89 | KPT | TWISTER | 14 | LIME | 66 | KPRX10 | | 102 |
| 70 | 8.88 | 607.26 | 1.26 | 1.18 | 29.11 | 10.89 | KPT | TWISTER | 14 | LIME | 67 | KPRX10 | | 96 |
| 71 | 8.88 | 616.14 | 1.23 | 1.18 | 29.32 | 10.89 | KPT | TWISTER | 14 | LIME | 68 | KPRX10 | | 90 |
| 72 | 8.29 | 624.43 | 1.53 | 1.53 | 29.47 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 69 | KPRX10 | | 84 |
| TOWER 4 | 157.00 | 630.60 | | | | | | | | | | | | |
| 73 | 12.66 | 637.09 | 1.55 | 1.53 | 29.46 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 70 | KPRX10 | | 84 |
| 74 | 8.29 | 645.38 | 1.29 | 1.35 | 29.26 | 10.88 | KPT | TWISTER | 15 | LIME | 71 | KPRX10 | | 90 |
| 75 | 8.88 | 654.26 | 1.35 | 1.35 | 29.05 | 10.88 | KPT | TWISTER | 15 | LIME | 72 | KPRX10 | | 96 |
| 76 | 8.88 | 663.14 | 1.33 | 1.35 | 28.87 | 10.88 | KPT | TWISTER | 15 | LIME | 73 | KPRX10 | | 102 |
| 77 | 8.29 | 671.43 | 1.31 | 1.35 | 28.73 | 10.88 | KPT | TWISTER | 15 | LIME | 74 | KPRX10 | | 108 |
| 78 | 8.41 | 679.84 | 1.25 | 1.18 | 28.62 | 10.89 | KPT | TWISTER | 14 | LIME | 75 | KPRX10 | | 108 |
| 79 | 7.42 | 687.26 | 1.19 | 1.18 | 28.55 | 10.89 | KPT | TWISTER | 14 | LIME | 76 | KPRX10 | | 114 |
| 80 | 7.42 | 694.68 | 1.28 | 1.35 | 28.49 | 10.88 | KPT | TWISTER | 15 | LIME | 77 | KPRX10 | | 114 |
| 81 | 8.41 | 703.09 | 1.37 | 1.35 | 28.46 | 10.88 | KPT | TWISTER | 15 | LIME | 78 | KPRX10 | | 114 |
| 82 | 8.29 | 711.38 | 1.42 | 1.35 | 28.45 | 10.88 | KPT | TWISTER | 15 | LIME | 79 | KPRX10 | | 114 |
| 83 | 8.88 | 720.26 | 1.49 | 1.53 | 28.47 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 80 | KPRX10 | | 114 |
| 84 | 8.88 | 729.14 | 1.46 | 1.53 | 28.52 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 81 | KPRX10 | | 114 |
| 85 | 8.29 | 737.43 | 1.54 | 1.53 | 28.60 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 82 | KPRX10 | | 108 |
| 86 | 9.66 | 747.09 | 1.56 | 1.53 | 28.72 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 83 | KPRX10 | | 108 |
| 87 | 8.29 | 755.38 | 1.51 | 1.53 | 28.86 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 84 | KPRX10 | | 102 |
| 88 | 8.88 | 764.26 | 1.58 | 1.53 | 29.03 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 85 | KPRX10 | | 96 |
| 89 | 8.88 | 773.14 | 1.55 | 1.53 | 29.24 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 86 | KPRX10 | | 90 |
| 90 | 8.29 | 781.43 | 1.91 | 1.93 | 29.39 | 10.84 | KPT | TWISTER | 18 | GREY | 87 | KPRX10 | | 84 |
| TOWER 5 | 157.00 | 787.60 | | | | | | | | | | | | |
| 91 | 12.66 | 794.09 | 1.93 | 1.93 | 29.38 | 10.84 | KPT | TWISTER | 18 | GREY | 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 | 1.60 | 1.53 | 29.18 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 89 | KPRX10 | | 90 |
| 93 | 8.88 | 811.26 | 1.68 | 1.72 | 28.97 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 90 | KPRX10 | | 96 |
| 94 | 8.88 | 820.14 | 1.64 | 1.72 | 28.80 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 91 | KPRX10 | | 102 |
| 95 | 8.29 | 828.43 | 1.61 | 1.53 | 28.66 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 92 | KPRX10 | | 108 |
| 96 | 8.41 | 836.84 | 1.54 | 1.53 | 28.55 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 93 | KPRX10 | | 108 |
| 97 | 7.42 | 844.26 | 1.46 | 1.53 | 28.48 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 94 | KPRX10 | | 114 |
| 98 | 7.42 | 851.68 | 1.57 | 1.53 | 28.43 | 10.86 | KPT | TWISTER | 16 | LAVENDER | 95 | KPRX10 | | 114 |
| 99 | 8.41 | 860.09 | 1.67 | 1.72 | 28.39 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 96 | KPRX10 | | 114 |
| 100 | 8.29 | 868.38 | 1.74 | 1.72 | 28.39 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 97 | KPRX10 | | 114 |
| 101 | 8.88 | 877.26 | 1.81 | 1.72 | 28.41 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 98 | KPRX10 | | 114 |
| 102 | 8.88 | 886.14 | 1.77 | 1.72 | 28.46 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 99 | KPRX10 | | 114 |
| 103 | 8.29 | 894.43 | 1.87 | 1.93 | 28.54 | 10.84 | KPT | TWISTER | 18 | GREY | 100 | KPRX10 | | 108 |
| 104 | 9.66 | 904.09 | 1.89 | 1.93 | 28.67 | 10.84 | KPT | TWISTER | 18 | GREY | 101 | KPRX10 | | 108 |
| 105 | 8.29 | 912.38 | 1.83 | 1.93 | 28.80 | 10.84 | KPT | TWISTER | 18 | GREY | 102 | KPRX10 | | 102 |
| 106 | 8.88 | 921.26 | 1.90 | 1.93 | 28.98 | 10.84 | KPT | TWISTER | 18 | GREY | 103 | KPRX10 | | 96 |
| 107 | 8.88 | 930.14 | 1.86 | 1.93 | 29.19 | 10.84 | KPT | TWISTER | 18 | GREY | 104 | KPRX10 | | 90 |
| 108 | 8.29 | 938.43 | 2.29 | 2.37 | 29.34 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 105 | KPRX10 | | 84 |
| TOWER 6 | 157.00 | 944.60 | | | | | | | | | | | | |
| 109 | 12.66 | 951.09 | 2.31 | 2.37 | 29.34 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 106 | KPRX10 | | 84 |
| 110 | 8.29 | 959.38 | 1.91 | 1.93 | 29.13 | 10.84 | KPT | TWISTER | 18 | GREY | 107 | KPRX10 | | 90 |
| 111 | 8.88 | 968.26 | 2.00 | 1.93 | 28.93 | 10.84 | KPT | TWISTER | 18 | GREY | 108 | KPRX10 | | 96 |
| 112 | 8.88 | 977.14 | 1.95 | 1.93 | 28.75 | 10.84 | KPT | TWISTER | 18 | GREY | 109 | KPRX10 | | 102 |
| 113 | 8.29 | 985.43 | 1.91 | 1.93 | 28.62 | 10.84 | KPT | TWISTER | 18 | GREY | 110 | KPRX10 | | 108 |
| 114 | 8.41 | 993.84 | 1.83 | 1.93 | 28.51 | 10.84 | KPT | TWISTER | 18 | GREY | 111 | KPRX10 | | 108 |
| 115 | 7.42 | 1001.26 | 1.72 | 1.72 | 28.44 | 10.85 | KPT | TWISTER | 17 | LAVENDER | 112 | KPRX10 | | 114 |
| 116 | 7.42 | 1008.68 | 1.85 | 1.93 | 28.39 | 10.84 | KPT | TWISTER | 18 | GREY | 113 | KPRX10 | | 114 |
| 117 | 8.41 | 1017.09 | 1.97 | 1.93 | 28.36 | 10.84 | KPT | TWISTER | 18 | GREY | 114 | KPRX10 | | 114 |
| 118 | 8.29 | 1025.38 | 2.04 | 2.14 | 28.35 | 10.82 | KPT | TWISTER | 19 | GREY | 115 | KPRX10 | | 114 |
| 119 | 8.88 | 1034.26 | 2.13 | 2.14 | 28.38 | 10.82 | KPT | TWISTER | 19 | GREY | 116 | KPRX10 | | 114 |
| 120 | 8.88 | 1043.14 | 2.07 | 2.14 | 28.43 | 10.82 | KPT | TWISTER | 19 | GREY | 117 | KPRX10 | | 114 |
| 121 | 8.29 | 1051.43 | 2.18 | 2.14 | 28.51 | 10.82 | KPT | TWISTER | 19 | GREY | 118 | KPRX10 | | 108 |
| 122 | 9.66 | 1061.09 | 2.20 | 2.14 | 28.64 | 10.82 | KPT | TWISTER | 19 | GREY | 119 | KPRX10 | | 108 |
| 123 | 8.29 | 1069.38 | 2.13 | 2.14 | 28.77 | 10.82 | KPT | TWISTER | 19 | GREY | 120 | KPRX10 | | 102 |
| 124 | 8.88 | 1078.26 | 2.22 | 2.14 | 28.95 | 10.82 | KPT | TWISTER | 19 | GREY | 121 | KPRX10 | | 96 |
| 125 | 8.88 | 1087.14 | 2.16 | 2.14 | 29.16 | 10.82 | KPT | TWISTER | 19 | GREY | 122 | KPRX10 | | 90 |
| 126 | 8.29 | 1095.43 | 2.67 | 2.62 | 29.31 | 10.79 | KPT | TWISTER | 21 | TURQUOISE | 123 | KPRX10 | | 84 |
| TOWER 7 | 157.00 | 1101.60 | | | | | | | | | | | | |
| 127 | 12.66 | 1108.09 | 2.69 | 2.62 | 29.31 | 10.79 | KPT | TWISTER | 21 | TURQUOISE | 124 | KPRX10 | | 84 |
| 128 | 8.29 | 1116.38 | 2.23 | 2.14 | 29.11 | 10.82 | KPT | TWISTER | 19 | GREY | 125 | KPRX10 | | 90 |
| 129 | 8.88 | 1125.26 | 2.33 | 2.37 | 28.91 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 126 | KPRX10 | | 96 |
| 130 | 8.88 | 1134.14 | 2.27 | 2.37 | 28.74 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 127 | KPRX10 | | 102 |
| 131 | 8.29 | 1142.43 | 2.22 | 2.14 | 28.60 | 10.82 | KPT | TWISTER | 19 | GREY | 128 | KPRX10 | | 108 |
| 132 | 8.41 | 1150.84 | 2.12 | 2.14 | 28.50 | 10.82 | KPT | TWISTER | 19 | GREY | 129 | KPRX10 | | 108 |
| 133 | 7.42 | 1158.26 | 2.00 | 1.93 | 28.42 | 10.84 | KPT | TWISTER | 18 | GREY | 130 | KPRX10 | | 114 |
| 134 | 7.42 | 1165.68 | 2.15 | 2.14 | 28.37 | 10.82 | KPT | TWISTER | 19 | GREY | 131 | KPRX10 | | 114 |
| 135 | 8.41 | 1174.09 | 2.29 | 2.37 | 28.34 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 132 | KPRX10 | | 114 |
| 136 | 8.29 | 1182.38 | 2.36 | 2.37 | 28.34 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 133 | KPRX10 | | 114 |
| 137 | 8.88 | 1191.26 | 2.46 | 2.37 | 28.36 | 10.80 | KPT | TWISTER | 20 | TURQUOISE | 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 | 2.40 | 2.37 | 28.42 | 10.80 | KPT TWISTER 20 | TURQUOISE | | | 135 | KPRX10 | | 114 |
| 139 | 8.29 | 1208.43 | 2.53 | 2.62 | 28.50 | 10.79 | KPT TWISTER 21 | TURQUOISE | | | 136 | KPRX10 | | 108 |
| 140 | 9.66 | 1218.09 | 2.54 | 2.62 | 28.63 | 10.79 | KPT TWISTER 21 | TURQUOISE | | | 137 | KPRX10 | | 108 |
| 141 | 8.29 | 1226.38 | 2.44 | 2.37 | 28.77 | 10.80 | KPT TWISTER 20 | TURQUOISE | | | 138 | KPRX10 | | 102 |
| 142 | 8.88 | 1235.26 | 2.55 | 2.62 | 28.94 | 10.79 | KPT TWISTER 21 | TURQUOISE | | | 139 | KPRX10 | | 96 |
| 143 | 8.88 | 1244.14 | 2.47 | 2.37 | 29.15 | 10.80 | KPT TWISTER 20 | TURQUOISE | | | 140 | KPRX10 | | 90 |
| 144 | 8.29 | 1252.43 | 2.77 | 2.86 | 29.31 | 10.77 | KPT TWISTER 22 | YELLOW | | | 141 | KPRX10 | | 84 |
| TOWER 8 | 157.00 | 1258.60 | PIPE ID CHANGES FROM 6.395 TO 5.369 | | | | | | | | | | | |
| 145 | 10.62 | 1263.05 | 2.63 | 2.62 | 29.31 | 10.79 | KPT TWISTER 21 | TURQUOISE | | | 142 | KPRX10 | | 84 |
| 146 | 7.42 | 1270.47 | 2.18 | 2.14 | 29.31 | 10.82 | KPT TWISTER 19 | GREY | | | 143 | KPRX10 | | 84 |
| 147 | 7.42 | 1277.89 | 1.65 | 1.72 | 29.31 | 10.85 | KPT TWISTER 17 | LAVENDER | | | 144 | KPRX10 | | 84 |
| 148 | 3.58 | 1281.47 | 1.71 | 1.72 | 29.31 | 10.85 | KPT TWISTER 17 | LAVENDER | | | 145 | KPRX10 | | 84 |
| OVERHANG | 22.87 | 1281.47 | | | | | | | | | | | | |

TOTAL GPM = 200.71

GPA = 1.69

MINIMUM RECOMMENDED REGULATOR INLET PRESSURE IS 15.00 PSI

WITH GRADUATED ELEVATION OF 15.00 FT THE INLET PRESSURE IS 25.79 PSI FOR SPRINKLER 145

THIS POSITION IS THE CLOSEST TO THE MINIMUM RECOMMENDED INLET PRESSURE

HYDRAULICS SUMMARY

| TOWER NUMBER | ACRES UNDER SPAN | GPM NEED | ACTUAL GPM | PERCENT DEVIATION | GPM PER ACRE | AVERAGE IN. PER HR | AVERAGE IN. DELIVERED FOR | | |
|-----------------|------------------------|-------------|---------------|----------------------|--------------------|-------------------------|------------------------------|-------|-------|
| | | | | | | DELIVERED UNDER SPAN | 36 HR | 48 HR | 60 HR |
| 1 | 1.84 | 3.10 | 9.09 | 193% | 4.95 | 0.011 | 0.39 | 0.52 | 0.66 |
| 2 | 5.39 | 9.11 | 11.04 | 21% | 2.05 | 0.005 | 0.16 | 0.22 | 0.27 |
| 3 | 8.95 | 15.11 | 14.31 | -5% | 1.60 | 0.004 | 0.13 | 0.17 | 0.21 |
| 4 | 12.50 | 21.11 | 20.09 | -5% | 1.61 | 0.004 | 0.13 | 0.17 | 0.21 |
| 5 | 16.06 | 27.12 | 25.95 | -4% | 1.62 | 0.004 | 0.13 | 0.17 | 0.21 |
| 6 | 19.61 | 33.12 | 31.89 | -4% | 1.63 | 0.004 | 0.13 | 0.17 | 0.22 |
| 7 | 23.17 | 39.13 | 37.33 | -5% | 1.61 | 0.004 | 0.13 | 0.17 | 0.21 |
| 8 | 26.72 | 45.13 | 42.98 | -5% | 1.61 | 0.004 | 0.13 | 0.17 | 0.21 |
| OVERHANG | 4.19 | 7.07 | 8.04 | 14% | 1.92 | 0.004 | 0.15 | 0.20 | 0.25 |
| TOTAL | 118.43 | 200.00 | 200.71 | | 1.69 | | | | |

SUMMARY OF SPRINKLERS

34 KPT TWISTER 10 BEIGE
9 KPT TWISTER 11 BEIGE
8 KPT TWISTER 12 GOLD
7 KPT TWISTER 13 GOLD
12 KPT TWISTER 14 LIME
7 KPT TWISTER 15 LIME
14 KPT TWISTER 16 LAVENDER
9 KPT TWISTER 17 LAVENDER
15 KPT TWISTER 18 GREY
13 KPT TWISTER 19 GREY
10 KPT TWISTER 20 TURQUOISE
6 KPT TWISTER 21 TURQUOISE
1 KPT TWISTER 22 YELLOW

3 PLUGS

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
LENGTH OF HOSE: 1245.5 FT.

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

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

JUNE 24, 2024
WISH-114729
SKYBOUND
701

LINDSAY GEN II
KOMET PRECISION TWISTERS
KOMET 10 PSI REGULATORS
.75 I.D. FLEXIBLE HOSE
HEAD

Rotation time at 100% = 14.48 Hours Or 869 minutes
200 GPM @ 30 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 |
|---------|----------|--------|----------|-------|---------|----------|--------|----------|-------|---------|----------|--------|----------|-------|
| 1 | PLUG | | | | 4 | 102 | 55 | 13 | PRX10 | 7 | 114 | 112 | 17 | PRX10 |
| 2 | PLUG | | | | 5 | 108 | 56 | 13 | PRX10 | 8 | 114 | 113 | 18 | PRX10 |
| 3 | PLUG | | | | 6 | 108 | 57 | 13 | PRX10 | 9 | 114 | 114 | 18 | PRX10 |
| 4 | 102 | 1 | 10 | PRX10 | 7 | 114 | 58 | 12 | PRX10 | 10 | 114 | 115 | 19 | PRX10 |
| 5 | 108 | 2 | 10 | PRX10 | 8 | 114 | 59 | 13 | PRX10 | 11 | 114 | 116 | 19 | PRX10 |
| 6 | 108 | 3 | 10 | PRX10 | 9 | 114 | 60 | 13 | PRX10 | 12 | 114 | 117 | 19 | PRX10 |
| 7 | 114 | 4 | 10 | PRX10 | 10 | 114 | 61 | 14 | PRX10 | 13 | 108 | 118 | 19 | PRX10 |
| 8 | 114 | 5 | 10 | PRX10 | 11 | 114 | 62 | 14 | PRX10 | 14 | 108 | 119 | 19 | PRX10 |
| 9 | 114 | 6 | 10 | PRX10 | 12 | 114 | 63 | 14 | PRX10 | 15 | 102 | 120 | 19 | PRX10 |
| 10 | 114 | 7 | 10 | PRX10 | 13 | 108 | 64 | 14 | PRX10 | 16 | 96 | 121 | 19 | PRX10 |
| 11 | 114 | 8 | 10 | PRX10 | 14 | 108 | 65 | 14 | PRX10 | 17 | 90 | 122 | 19 | PRX10 |
| 12 | 114 | 9 | 10 | PRX10 | 15 | 102 | 66 | 14 | PRX10 | 18 | 84 | 123 | 21 | PRX10 |
| 13 | 108 | 10 | 10 | PRX10 | 16 | 96 | 67 | 14 | PRX10 | TOWER 7 | | | | |
| 14 | 108 | 11 | 10 | PRX10 | 17 | 90 | 68 | 14 | PRX10 | 1 | 84 | 124 | 21 | PRX10 |
| 15 | 102 | 12 | 10 | PRX10 | 18 | 84 | 69 | 16 | PRX10 | 2 | 90 | 125 | 19 | PRX10 |
| 16 | 96 | 13 | 10 | PRX10 | TOWER 4 | | | | | 3 | 96 | 126 | 20 | PRX10 |
| 17 | 90 | 14 | 10 | PRX10 | 1 | 84 | 70 | 16 | PRX10 | 4 | 102 | 127 | 20 | PRX10 |
| 18 | 84 | 15 | 10 | PRX10 | 2 | 90 | 71 | 15 | PRX10 | 5 | 108 | 128 | 19 | PRX10 |
| TOWER 1 | | | | | 3 | 96 | 72 | 15 | PRX10 | 6 | 108 | 129 | 19 | PRX10 |
| 1 | 84 | 16 | 10 | PRX10 | 4 | 102 | 73 | 15 | PRX10 | 7 | 114 | 130 | 18 | PRX10 |
| 2 | 90 | 17 | 10 | PRX10 | 5 | 108 | 74 | 15 | PRX10 | 8 | 114 | 131 | 19 | PRX10 |
| 3 | 96 | 18 | 10 | PRX10 | 6 | 108 | 75 | 14 | PRX10 | 9 | 114 | 132 | 20 | PRX10 |
| 4 | 102 | 19 | 10 | PRX10 | 7 | 114 | 76 | 14 | PRX10 | 10 | 114 | 133 | 20 | PRX10 |
| 5 | 108 | 20 | 10 | PRX10 | 8 | 114 | 77 | 15 | PRX10 | 11 | 114 | 134 | 20 | PRX10 |
| 6 | 108 | 21 | 10 | PRX10 | 9 | 114 | 78 | 15 | PRX10 | 12 | 114 | 135 | 20 | PRX10 |
| 7 | 114 | 22 | 10 | PRX10 | 10 | 114 | 79 | 15 | PRX10 | 13 | 108 | 136 | 21 | PRX10 |
| 8 | 114 | 23 | 10 | PRX10 | 11 | 114 | 80 | 16 | PRX10 | 14 | 108 | 137 | 21 | PRX10 |
| 9 | 114 | 24 | 10 | PRX10 | 12 | 114 | 81 | 16 | PRX10 | 15 | 102 | 138 | 20 | PRX10 |
| 10 | 114 | 25 | 10 | PRX10 | 13 | 108 | 82 | 16 | PRX10 | 16 | 96 | 139 | 21 | PRX10 |
| 11 | 114 | 26 | 10 | PRX10 | 14 | 108 | 83 | 16 | PRX10 | 17 | 90 | 140 | 20 | PRX10 |
| 12 | 114 | 27 | 10 | PRX10 | 15 | 102 | 84 | 16 | PRX10 | 18 | 84 | 141 | 22 | PRX10 |
| 13 | 108 | 28 | 10 | PRX10 | 16 | 96 | 85 | 16 | PRX10 | TOWER 8 | | | | |
| 14 | 108 | 29 | 10 | PRX10 | 17 | 90 | 86 | 16 | PRX10 | 1 | 84 | 142 | 21 | PRX10 |
| 15 | 102 | 30 | 10 | PRX10 | 18 | 84 | 87 | 18 | PRX10 | 2 | 84 | 143 | 19 | PRX10 |
| 16 | 96 | 31 | 10 | PRX10 | TOWER 5 | | | | | 3 | 84 | 144 | 17 | PRX10 |
| 17 | 90 | 32 | 10 | PRX10 | 1 | 84 | 88 | 18 | PRX10 | 4 | 84 | 145 | 17 | PRX10 |
| 18 | 84 | 33 | 11 | PRX10 | 2 | 90 | 89 | 16 | PRX10 | | | | | |
| TOWER 2 | | | | | 3 | 96 | 90 | 17 | PRX10 | | | | | |
| 1 | 84 | 34 | 11 | PRX10 | 4 | 102 | 91 | 17 | PRX10 | | | | | |
| 2 | 90 | 35 | 10 | PRX10 | 5 | 108 | 92 | 16 | PRX10 | | | | | |
| 3 | 96 | 36 | 11 | PRX10 | 6 | 108 | 93 | 16 | PRX10 | | | | | |
| 4 | 102 | 37 | 11 | PRX10 | 7 | 114 | 94 | 16 | PRX10 | | | | | |
| 5 | 108 | 38 | 11 | PRX10 | 8 | 114 | 95 | 16 | PRX10 | | | | | |
| 6 | 108 | 39 | 11 | PRX10 | 9 | 114 | 96 | 17 | PRX10 | | | | | |
| 7 | 114 | 40 | 10 | PRX10 | 10 | 114 | 97 | 17 | PRX10 | | | | | |
| 8 | 114 | 41 | 11 | PRX10 | 11 | 114 | 98 | 17 | PRX10 | | | | | |
| 9 | 114 | 42 | 11 | PRX10 | 12 | 114 | 99 | 17 | PRX10 | | | | | |
| 10 | 114 | 43 | 11 | PRX10 | 13 | 108 | 100 | 18 | PRX10 | | | | | |
| 11 | 114 | 44 | 12 | PRX10 | 14 | 108 | 101 | 18 | PRX10 | | | | | |
| 12 | 114 | 45 | 12 | PRX10 | 15 | 102 | 102 | 18 | PRX10 | | | | | |
| 13 | 108 | 46 | 12 | PRX10 | 16 | 96 | 103 | 18 | PRX10 | | | | | |
| 14 | 108 | 47 | 12 | PRX10 | 17 | 90 | 104 | 18 | PRX10 | | | | | |
| 15 | 102 | 48 | 12 | PRX10 | 18 | 84 | 105 | 20 | PRX10 | | | | | |
| 16 | 96 | 49 | 12 | PRX10 | TOWER 6 | | | | | | | | | |
| 17 | 90 | 50 | 12 | PRX10 | 1 | 84 | 106 | 20 | PRX10 | | | | | |
| 18 | 84 | 51 | 14 | PRX10 | 2 | 90 | 107 | 18 | PRX10 | | | | | |
| TOWER 3 | | | | | 3 | 96 | 108 | 18 | PRX10 | | | | | |
| 1 | 84 | 52 | 14 | PRX10 | 4 | 102 | 109 | 18 | PRX10 | | | | | |
| 2 | 90 | 53 | 13 | PRX10 | 5 | 108 | 110 | 18 | PRX10 | | | | | |
| 3 | 96 | 54 | 13 | PRX10 | 6 | 108 | 111 | 18 | PRX10 | | | | | |

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

JUNE 24, 2024
WISH-114729
SKYBOUND
701

LINDSAY GEN II
KOMET PRECISION TWISTERS
KOMET 10 PSI REGULATORS
.75 I.D. FLEXIBLE HOSE
NO ENDGUN

Rotation time at 100% = 14.48 Hours Or 869 minutes
200 gpm @ 30 psi

Nozzle Difference

Previous chart: WISH-113755 400 gpm @ 30 psi
Current chart: WISH-114729 200 gpm @ 30 psi

| Nozzle Type and Size | Difference | Previous WISH Printouts |
|--------------------------|------------|---|
| KPT TWISTER 10 BEIGE | 20 | WISH-113755 400 gpm @ 30 PSI APRIL 29, 2024 |
| KPT TWISTER 11 BEIGE | 3 | WISH-97875 450 gpm @ 30 PSI FEBRUARY 19, 2021 |
| KPT TWISTER 12 GOLD | 4 | |
| KPT TWISTER 13 GOLD | 4 | |
| KPT TWISTER 14 LIME | 7 | |
| KPT TWISTER 15 LIME | 4 | |
| KPT TWISTER 16 LAVENDER | 8 | |
| KPT TWISTER 17 LAVENDER | 5 | |
| KPT TWISTER 18 GREY | 7 | |
| KPT TWISTER 19 GREY | 8 | |
| KPT TWISTER 20 TURQUOISE | 3 | |
| Total: | 73 | |

PRECIPITATION CHART FOR FULL CIRCLE

WISH-114729

JUNE 24, 2024

DEALER - HI PLAINS FARM EQUIPMENT

IRRIGATOR - SKYBOUND

FIELD - 701

TOTAL LENGTH PIPE = 1281.47 SYSTEM PRESSURE = 30 PSI
GPM UNDER PIPE = 200.71 TOTAL GPM = 200.71
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 |
|-------------------------|--------------------|------------------|--------------------|-------------------------|------------------|
| .05 | 100.00 | 14.48 - 869(min) | 100.00 | .05 | 14.48 - 869(min) |
| .10 | 54.24 | 26.71 | 90.00 | .06 | 16.09 |
| .20 | 27.12 | 53.41 | 80.00 | .07 | 18.10 |
| .25 | 21.69 | 66.76 | 70.00 | .08 | 20.69 |
| .30 | 18.08 | 80.12 | 60.00 | .09 | 24.14 |
| .40 | 13.56 | 106.82 | 50.00 | .11 | 28.97 |
| .50 | 10.85 | 133.53 | 45.00 | .12 | 32.19 |
| .60 | 9.04 | 160.23 | 40.00 | .14 | 36.21 |
| .70 | 7.75 | 186.94 | 35.00 | .15 | 41.38 |
| .75 | 7.23 | 200.29 | 30.00 | .18 | 48.28 |
| .80 | 6.78 | 213.64 | 25.00 | .22 | 57.93 |
| .90 | 6.03 | 240.35 | 20.00 | .27 | 72.42 |
| 1.00 | 5.42 | 267.05 | 15.00 | .36 | 96.56 |
| 1.25 | 4.34 | 333.81 | 10.00 | .54 | 144.84 |
| 1.50 | 3.62 | 400.58 | 5.00 | 1.08 | 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

| <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>ENDBOOM</u> <u>POS/LEN</u> |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| 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