

CF IRRIGATION

SEPTEMBER 29, 2025

WISH-119628

CUSTOMER : ARCH FRINK

REINKE
8 TOWER - 1292 FT
SYSTEM 650 GPM @ 26 PSI

LEGAL : SE STANLEY

SENNINGER UP3 I-WOB2
KOMET 10 PSI REGULATORS
NO ENDGUN
ELEVATION 10 FT UP, 10 FT DOWN

710 WEST AVENUE A
CIMARRON, KANSAS 67835
(620)510-1326

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.

| | | | | | | | |
|--|--------|----------------------|---------|-------------|--------|-----------|------------|
| REINKE | | SEPTEMBER 29, 2025 | | WISH-119628 | | | |
| <u>DEALER</u> | | <u>IRRIGATOR</u> | | | | | |
| CF IRRIGATION | | ARCH FRINK | | | | | |
| 710 WEST AVENUE A | | SE STANLEY | | | | | |
| CIMARRON, KANSAS 67835 | | | | | | | |
| TOTAL TARGET GPM | 650.00 | FRICTION FACTOR USED | 135 | SPAN # | LENGTH | PIPE I.D. | # OF HEADS |
| TOP OF PIVOT PRESSURE | 26.00 | TOTAL LENGTH | 1292.00 | 1 | 157.25 | 6.415 | 15 |
| NO ENDGUN | | NUMBER OF TOWERS | 8 | 2 | 156.00 | 6.415 | 16 |
| NUMBER OF OUTLETS | 133 | NUMBER OF SPRINKLERS | 132 | 3 | 156.00 | 6.415 | 16 |
| | | | | 4 | 156.00 | 6.415 | 16 |
| SENNINGER UP3 I-WOB2 - LOW ANGLE 9 GROOVE BLUE PADS | | | | 5 | 156.00 | 6.415 | 16 |
| KOMET KPR-X 10 PSI PRESSURE REGULATORS | | | | 6 | 156.00 | 6.415 | 16 |
| DROPS AVERAGE 6.5 FT OF .75 I.D. PREMIUM BLUE FLEXIBLE HOSE - SENNINGER MAG WEIGHT | | | | 7 | 156.00 | 6.415 | 16 |
| ELEVATION IS 10 FT UP AND 10 FT DOWN | | | | 8 | 156.00 | 6.415 | 16 |
| | | | | OH | 23.00 | 5.79 | 2 |
| | | | | | 19.75 | 3.79 | 3 |

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.

3. This system designed for minimum pressure. Failure to deliver indicated pressure at the top of pivot point will adversely affect regulator and/or sprinkler/spray performance. Elevations, pipe sizes and type of drop pipe must be as shown.

| 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. |
|------------|-------------|-------------------|----------|----------|----------|------------|---------------------------------|---------|---------|-----------|---------|----------|----------|----------|
| 1 | | 10.00 | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | - - - - | 1 |
| 2 | 19.50 | 19.50 | 0.23 | 0.84 | 25.69 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 1 | KPRX10 | |
| 3 | 9.50 | 29.00 | 0.21 | 0.84 | 25.44 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 2 | KPRX10 | |
| 4 | 9.50 | 38.50 | 0.28 | 0.84 | 25.21 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 3 | KPRX10 | |
| 5 | 9.50 | 48.00 | 0.35 | 0.84 | 25.02 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 4 | KPRX10 | |
| 6 | 9.50 | 57.50 | 0.42 | 0.84 | 24.85 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 5 | KPRX10 | |
| 7 | 9.50 | 67.00 | 0.49 | 0.84 | 24.70 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 6 | KPRX10 | |
| 8 | 9.50 | 76.50 | 0.56 | 0.84 | 24.58 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 7 | KPRX10 | |
| 9 | 9.50 | 86.00 | 0.63 | 0.84 | 24.49 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 8 | KPRX10 | |
| 10 | 9.50 | 95.50 | 0.70 | 0.84 | 24.43 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 9 | KPRX10 | |
| 11 | 9.50 | 105.00 | 0.77 | 0.84 | 24.39 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 10 | KPRX10 | |
| 12 | 9.50 | 114.50 | 0.84 | 0.84 | 24.38 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 11 | KPRX10 | |
| 13 | 9.50 | 124.00 | 0.91 | 0.84 | 24.40 | 10.91 | I-WOB2 | UP3 | 6 | GOLD | | 12 | KPRX10 | |
| 14 | 9.50 | 133.50 | 0.98 | 0.98 | 24.44 | 10.90 | I-WOB2 | UP3 | 6.5 | GOLD | | 13 | KPRX10 | |
| 15 | 9.50 | 143.00 | 1.05 | 0.98 | 24.51 | 10.90 | I-WOB2 | UP3 | 6.5 | GOLD | | 14 | KPRX10 | |
| 16 | 9.50 | 152.50 | 1.36 | 1.31 | 24.53 | 10.88 | I-WOB2 | UP3 | 7.5 | LIME | | 15 | KPRX10 | |
| TOWER 1 | 157.25 | 157.25 | | | | | | | | | | | | |
| 17 | 13.50 | 166.00 | 1.46 | 1.49 | 24.40 | 10.87 | I-WOB2 | UP3 | 8 | LAVENDER | | 16 | KPRX10 | |
| 18 | 9.50 | 175.50 | 1.28 | 1.31 | 24.19 | 10.88 | I-WOB2 | UP3 | 7.5 | LIME | | 17 | KPRX10 | |
| 19 | 9.50 | 185.00 | 1.35 | 1.31 | 23.95 | 10.88 | I-WOB2 | UP3 | 7.5 | LIME | | 18 | KPRX10 | |
| 20 | 9.50 | 194.50 | 1.42 | 1.49 | 23.73 | 10.87 | I-WOB2 | UP3 | 8 | LAVENDER | | 19 | KPRX10 | |
| 21 | 9.50 | 204.00 | 1.49 | 1.49 | 23.53 | 10.87 | I-WOB2 | UP3 | 8 | LAVENDER | | 20 | KPRX10 | |
| 22 | 9.50 | 213.50 | 1.56 | 1.49 | 23.37 | 10.87 | I-WOB2 | UP3 | 8 | LAVENDER | | 21 | KPRX10 | |
| 23 | 9.50 | 223.00 | 1.63 | 1.69 | 23.23 | 10.85 | I-WOB2 | UP3 | 8.5 | LAVENDER | | 22 | KPRX10 | |
| 24 | 9.50 | 232.50 | 1.70 | 1.69 | 23.12 | 10.85 | I-WOB2 | UP3 | 8.5 | LAVENDER | | 23 | KPRX10 | |
| 25 | 9.50 | 242.00 | 1.77 | 1.69 | 23.03 | 10.85 | I-WOB2 | UP3 | 8.5 | LAVENDER | | 24 | KPRX10 | |
| 26 | 9.50 | 251.50 | 1.84 | 1.88 | 22.97 | 10.84 | I-WOB2 | UP3 | 9 | GREY | | 25 | KPRX10 | |
| 27 | 9.50 | 261.00 | 1.91 | 1.88 | 22.94 | 10.84 | I-WOB2 | UP3 | 9 | GREY | | 26 | KPRX10 | |
| 28 | 9.50 | 270.50 | 1.98 | 1.88 | 22.93 | 10.84 | I-WOB2 | UP3 | 9 | GREY | | 27 | KPRX10 | |
| 29 | 9.50 | 280.00 | 2.05 | 2.10 | 22.96 | 10.82 | I-WOB2 | UP3 | 9.5 | GREY | | 28 | KPRX10 | |
| 30 | 9.50 | 289.50 | 2.12 | 2.10 | 23.00 | 10.82 | I-WOB2 | UP3 | 9.5 | GREY | | 29 | KPRX10 | |
| 31 | 9.50 | 299.00 | 2.19 | 2.10 | 23.08 | 10.82 | I-WOB2 | UP3 | 9.5 | GREY | | 30 | KPRX10 | |
| 32 | 9.50 | 308.50 | 2.74 | 2.82 | 23.11 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 31 | KPRX10 | |
| TOWER 2 | 156.00 | 313.25 | | | | | | | | | | | | |
| 33 | 13.50 | 322.00 | 2.85 | 2.82 | 22.99 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 32 | KPRX10 | |
| 34 | 9.50 | 331.50 | 2.43 | 2.33 | 22.79 | 10.81 | I-WOB2 | UP3 | 10 | TURQUOISE | | 33 | KPRX10 | |
| 35 | 9.50 | 341.00 | 2.50 | 2.57 | 22.55 | 10.79 | I-WOB2 | UP3 | 10.5 | TURQUOISE | | 34 | KPRX10 | |
| 36 | 9.50 | 350.50 | 2.57 | 2.57 | 22.34 | 10.79 | I-WOB2 | UP3 | 10.5 | TURQUOISE | | 35 | KPRX10 | |
| 37 | 9.50 | 360.00 | 2.64 | 2.57 | 22.16 | 10.79 | I-WOB2 | UP3 | 10.5 | TURQUOISE | | 36 | KPRX10 | |
| 38 | 9.50 | 369.50 | 2.71 | 2.82 | 22.00 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 37 | KPRX10 | |
| 39 | 9.50 | 379.00 | 2.78 | 2.82 | 21.87 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 38 | KPRX10 | |
| 40 | 9.50 | 388.50 | 2.84 | 2.82 | 21.76 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 39 | KPRX10 | |
| 41 | 9.50 | 398.00 | 2.91 | 2.82 | 21.69 | 10.77 | I-WOB2 | UP3 | 11 | YELLOW | | 40 | KPRX10 | |
| 42 | 9.50 | 407.50 | 2.98 | 3.08 | 21.64 | 10.75 | I-WOB2 | UP3 | 11.5 | YELLOW | | 41 | KPRX10 | |
| 43 | 9.50 | 417.00 | 3.05 | 3.08 | 21.62 | 10.75 | I-WOB2 | UP3 | 11.5 | YELLOW | | 42 | KPRX10 | |
| 44 | 9.50 | 426.50 | 3.12 | 3.08 | 21.62 | 10.75 | I-WOB2 | UP3 | 11.5 | YELLOW | | 43 | KPRX10 | |
| 45 | 9.50 | 436.00 | 3.19 | 3.08 | 21.65 | 10.75 | I-WOB2 | UP3 | 11.5 | YELLOW | | 44 | KPRX10 | |
| 46 | 9.50 | 445.50 | 3.26 | 3.36 | 21.71 | 10.73 | I-WOB2 | UP3 | 12 | RED | | 45 | KPRX10 | |

| 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. |
|------------|-------------|-------------------|----------|----------|----------|------------|---------------------------------|-----|---------------|----------|----------|----------|
| 47 | 9.50 | 455.00 | 3.33 | 3.36 | 21.80 | 10.73 | I-WOB2 | UP3 | 12 RED | 46 | KPRX10 | |
| 48 | 9.50 | 464.50 | 4.13 | 4.25 | 21.84 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 47 | KPRX10 | |
| TOWER 3 | 156.00 | 469.25 | | | | | | | | | | |
| 49 | 13.50 | 478.00 | 4.23 | 4.25 | 21.74 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 48 | KPRX10 | |
| 50 | 9.50 | 487.50 | 3.57 | 3.64 | 21.55 | 10.71 | I-WOB2 | UP3 | 12.5 RED | 49 | KPRX10 | |
| 51 | 9.50 | 497.00 | 3.64 | 3.64 | 21.32 | 10.71 | I-WOB2 | UP3 | 12.5 RED | 50 | KPRX10 | |
| 52 | 9.50 | 506.50 | 3.71 | 3.64 | 21.12 | 10.72 | I-WOB2 | UP3 | 12.5 RED | 51 | KPRX10 | |
| 53 | 9.50 | 516.00 | 3.78 | 3.64 | 20.95 | 10.72 | I-WOB2 | UP3 | 12.5 RED | 52 | KPRX10 | |
| 54 | 9.50 | 525.50 | 3.85 | 3.94 | 20.81 | 10.69 | I-WOB2 | UP3 | 13 WHITE | 53 | KPRX10 | |
| 55 | 9.50 | 535.00 | 3.92 | 3.94 | 20.69 | 10.69 | I-WOB2 | UP3 | 13 WHITE | 54 | KPRX10 | |
| 56 | 9.50 | 544.50 | 3.99 | 3.94 | 20.60 | 10.69 | I-WOB2 | UP3 | 13 WHITE | 55 | KPRX10 | |
| 57 | 9.50 | 554.00 | 4.06 | 3.94 | 20.53 | 10.69 | I-WOB2 | UP3 | 13 WHITE | 56 | KPRX10 | |
| 58 | 9.50 | 563.50 | 4.13 | 4.25 | 20.50 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 57 | KPRX10 | |
| 59 | 9.50 | 573.00 | 4.19 | 4.25 | 20.49 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 58 | KPRX10 | |
| 60 | 9.50 | 582.50 | 4.26 | 4.25 | 20.51 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 59 | KPRX10 | |
| 61 | 9.50 | 592.00 | 4.33 | 4.25 | 20.56 | 10.67 | I-WOB2 | UP3 | 13.5 WHITE | 60 | KPRX10 | |
| 62 | 9.50 | 601.50 | 4.40 | 4.56 | 20.63 | 10.65 | I-WOB2 | UP3 | 14 BLUE | 61 | KPRX10 | |
| 63 | 9.50 | 611.00 | 4.47 | 4.56 | 20.73 | 10.65 | I-WOB2 | UP3 | 14 BLUE | 62 | KPRX10 | |
| 64 | 9.50 | 620.50 | 5.51 | 5.57 | 20.79 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 63 | KPRX10 | |
| TOWER 4 | 156.00 | 625.25 | | | | | | | | | | |
| 65 | 13.50 | 634.00 | 5.61 | 5.57 | 20.71 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 64 | KPRX10 | |
| 66 | 9.50 | 643.50 | 4.71 | 4.56 | 20.53 | 10.65 | I-WOB2 | UP3 | 14 BLUE | 65 | KPRX10 | |
| 67 | 9.50 | 653.00 | 4.78 | 4.89 | 20.32 | 10.63 | I-WOB2 | UP3 | 14.5 BLUE | 66 | KPRX10 | |
| 68 | 9.50 | 662.50 | 4.85 | 4.89 | 20.13 | 10.63 | I-WOB2 | UP3 | 14.5 BLUE | 67 | KPRX10 | |
| 69 | 9.50 | 672.00 | 4.92 | 4.89 | 19.98 | 10.63 | I-WOB2 | UP3 | 14.5 BLUE | 68 | KPRX10 | |
| 70 | 9.50 | 681.50 | 4.99 | 4.89 | 19.85 | 10.63 | I-WOB2 | UP3 | 14.5 BLUE | 69 | KPRX10 | |
| 71 | 9.50 | 691.00 | 5.06 | 4.89 | 19.74 | 10.63 | I-WOB2 | UP3 | 14.5 BLUE | 70 | KPRX10 | |
| 72 | 9.50 | 700.50 | 5.13 | 5.23 | 19.67 | 10.60 | I-WOB2 | UP3 | 15 DK BROWN | 71 | KPRX10 | |
| 73 | 9.50 | 710.00 | 5.20 | 5.23 | 19.62 | 10.60 | I-WOB2 | UP3 | 15 DK BROWN | 72 | KPRX10 | |
| 74 | 9.50 | 719.50 | 5.27 | 5.23 | 19.60 | 10.60 | I-WOB2 | UP3 | 15 DK BROWN | 73 | KPRX10 | |
| 75 | 9.50 | 729.00 | 5.34 | 5.23 | 19.61 | 10.60 | I-WOB2 | UP3 | 15 DK BROWN | 74 | KPRX10 | |
| 76 | 9.50 | 738.50 | 5.41 | 5.57 | 19.65 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 75 | KPRX10 | |
| 77 | 9.50 | 748.00 | 5.48 | 5.57 | 19.71 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 76 | KPRX10 | |
| 78 | 9.50 | 757.50 | 5.54 | 5.57 | 19.80 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 77 | KPRX10 | |
| 79 | 9.50 | 767.00 | 5.61 | 5.57 | 19.92 | 10.58 | I-WOB2 | UP3 | 15.5 DK BROWN | 78 | KPRX10 | |
| 80 | 9.50 | 776.50 | 6.89 | 7.08 | 19.99 | 10.47 | I-WOB2 | UP3 | 17.5 DK GREEN | 79 | KPRX10 | |
| TOWER 5 | 156.00 | 781.25 | | | | | | | | | | |
| 81 | 13.50 | 790.00 | 6.99 | 7.08 | 19.93 | 10.47 | I-WOB2 | UP3 | 17.5 DK GREEN | 80 | KPRX10 | |
| 82 | 9.50 | 799.50 | 5.85 | 5.94 | 19.77 | 10.55 | I-WOB2 | UP3 | 16 ORANGE | 81 | KPRX10 | |
| 83 | 9.50 | 809.00 | 5.91 | 5.94 | 19.58 | 10.55 | I-WOB2 | UP3 | 16 ORANGE | 82 | KPRX10 | |
| 84 | 9.50 | 818.50 | 5.98 | 5.94 | 19.41 | 10.55 | I-WOB2 | UP3 | 16 ORANGE | 83 | KPRX10 | |
| 85 | 9.50 | 828.00 | 6.05 | 5.94 | 19.27 | 10.55 | I-WOB2 | UP3 | 16 ORANGE | 84 | KPRX10 | |
| 86 | 9.50 | 837.50 | 6.13 | 6.31 | 19.15 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 85 | KPRX10 | |
| 87 | 9.50 | 847.00 | 6.19 | 6.31 | 19.07 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 86 | KPRX10 | |
| 88 | 9.50 | 856.50 | 6.26 | 6.31 | 19.01 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 87 | KPRX10 | |
| 89 | 9.50 | 866.00 | 6.33 | 6.31 | 18.98 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 88 | KPRX10 | |
| 90 | 9.50 | 875.50 | 6.40 | 6.31 | 18.98 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 89 | KPRX10 | |
| 91 | 9.50 | 885.00 | 6.47 | 6.31 | 19.00 | 10.53 | I-WOB2 | UP3 | 16.5 ORANGE | 90 | KPRX10 | |

| 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. |
|------------|-------------|-------------------|-------------------------------------|----------|----------|------------|---------------------------------|-----|------|---------|-----------|----------|----------|----------|
| 92 | 9.50 | 894.50 | 6.54 | 6.69 | 19.05 | 10.50 | I-WOB2 | UP3 | 17 | DK | GREEN | 91 | KPRX10 | |
| 93 | 9.50 | 904.00 | 6.61 | 6.69 | 19.13 | 10.50 | I-WOB2 | UP3 | 17 | DK | GREEN | 92 | KPRX10 | |
| 94 | 9.50 | 913.50 | 6.68 | 6.69 | 19.24 | 10.50 | I-WOB2 | UP3 | 17 | DK | GREEN | 93 | KPRX10 | |
| 95 | 9.50 | 923.00 | 6.74 | 6.69 | 19.37 | 10.50 | I-WOB2 | UP3 | 17 | DK | GREEN | 94 | KPRX10 | |
| 96 | 9.50 | 932.50 | 8.26 | 8.31 | 19.46 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 95 | KPRX10 | |
| TOWER 6 | 156.00 | 937.25 | | | | | | | | | | | | |
| 97 | 13.50 | 946.00 | 8.36 | 8.31 | 19.43 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 96 | KPRX10 | |
| 98 | 9.50 | 955.50 | 6.98 | 7.08 | 19.29 | 10.47 | I-WOB2 | UP3 | 17.5 | DK | GREEN | 97 | KPRX10 | |
| 99 | 9.50 | 965.00 | 7.05 | 7.08 | 19.11 | 10.47 | I-WOB2 | UP3 | 17.5 | DK | GREEN | 98 | KPRX10 | |
| 100 | 9.50 | 974.50 | 7.12 | 7.08 | 18.96 | 10.47 | I-WOB2 | UP3 | 17.5 | DK | GREEN | 99 | KPRX10 | |
| 101 | 9.50 | 984.00 | 7.19 | 7.08 | 18.83 | 10.47 | I-WOB2 | UP3 | 17.5 | DK | GREEN | 100 | KPRX10 | |
| 102 | 9.50 | 993.50 | 7.26 | 7.08 | 18.74 | 10.47 | I-WOB2 | UP3 | 17.5 | DK | GREEN | 101 | KPRX10 | |
| 103 | 9.50 | 1003.00 | 7.34 | 7.48 | 18.67 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 102 | KPRX10 | |
| 104 | 9.50 | 1012.50 | 7.40 | 7.48 | 18.62 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 103 | KPRX10 | |
| 105 | 9.50 | 1022.00 | 7.47 | 7.48 | 18.61 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 104 | KPRX10 | |
| 106 | 9.50 | 1031.50 | 7.54 | 7.48 | 18.62 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 105 | KPRX10 | |
| 107 | 9.50 | 1041.00 | 7.61 | 7.48 | 18.66 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 106 | KPRX10 | |
| 108 | 9.50 | 1050.50 | 7.68 | 7.48 | 18.73 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 107 | KPRX10 | |
| 109 | 9.50 | 1060.00 | 7.76 | 7.89 | 18.82 | 10.42 | I-WOB2 | UP3 | 18.5 | PURPLE | | 108 | KPRX10 | |
| 110 | 9.50 | 1069.50 | 7.82 | 7.89 | 18.94 | 10.42 | I-WOB2 | UP3 | 18.5 | PURPLE | | 109 | KPRX10 | |
| 111 | 9.50 | 1079.00 | 7.89 | 7.89 | 19.09 | 10.42 | I-WOB2 | UP3 | 18.5 | PURPLE | | 110 | KPRX10 | |
| 112 | 9.50 | 1088.50 | 9.64 | 9.61 | 19.20 | 10.30 | I-WOB2 | UP3 | 20.5 | DK | TURQ | 111 | KPRX10 | |
| TOWER 7 | 156.00 | 1093.25 | | | | | | | | | | | | |
| 113 | 13.50 | 1102.00 | 9.75 | 9.61 | 19.18 | 10.30 | I-WOB2 | UP3 | 20.5 | DK | TURQ | 112 | KPRX10 | |
| 114 | 9.50 | 1111.50 | 8.14 | 8.31 | 19.05 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 113 | KPRX10 | |
| 115 | 9.50 | 1121.00 | 8.20 | 8.31 | 18.89 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 114 | KPRX10 | |
| 116 | 9.50 | 1130.50 | 8.26 | 8.31 | 18.75 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 115 | KPRX10 | |
| 117 | 9.50 | 1140.00 | 8.33 | 8.31 | 18.64 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 116 | KPRX10 | |
| 118 | 9.50 | 1149.50 | 8.40 | 8.31 | 18.55 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 117 | KPRX10 | |
| 119 | 9.50 | 1159.00 | 8.47 | 8.31 | 18.50 | 10.39 | I-WOB2 | UP3 | 19 | BLACK | | 118 | KPRX10 | |
| 120 | 9.50 | 1168.50 | 8.55 | 8.73 | 18.47 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 119 | KPRX10 | |
| 121 | 9.50 | 1178.00 | 8.61 | 8.73 | 18.46 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 120 | KPRX10 | |
| 122 | 9.50 | 1187.50 | 8.67 | 8.73 | 18.49 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 121 | KPRX10 | |
| 123 | 9.50 | 1197.00 | 8.73 | 8.73 | 18.54 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 122 | KPRX10 | |
| 124 | 9.50 | 1206.50 | 8.80 | 8.73 | 18.62 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 123 | KPRX10 | |
| 125 | 9.50 | 1216.00 | 8.88 | 8.73 | 18.72 | 10.36 | I-WOB2 | UP3 | 19.5 | BLACK | | 124 | KPRX10 | |
| 126 | 9.50 | 1225.50 | 8.97 | 9.17 | 18.85 | 10.33 | I-WOB2 | UP3 | 20 | DK | TURQUOISE | 125 | KPRX10 | |
| 127 | 9.50 | 1235.00 | 9.01 | 9.17 | 19.01 | 10.33 | I-WOB2 | UP3 | 20 | DK | TURQUOISE | 126 | KPRX10 | |
| 128 | 9.50 | 1244.50 | 10.49 | 10.52 | 19.12 | 10.23 | I-WOB2 | UP3 | 21.5 | MUSTARD | | 127 | KPRX10 | |
| TOWER 8 | 156.00 | 1249.25 | | | | | | | | | | | | |
| | | | PIPE ID CHANGES FROM 6.415 TO 5.790 | | | | | | | | | | | |
| 129 | 12.50 | 1257.00 | 10.57 | 10.52 | 19.12 | 10.23 | I-WOB2 | UP3 | 21.5 | MUSTARD | | 128 | KPRX10 | |
| 130 | 9.50 | 1266.50 | 9.22 | 9.17 | 19.12 | 10.33 | I-WOB2 | UP3 | 20 | DK | TURQUOISE | 129 | KPRX10 | |
| | | | PIPE ID CHANGES FROM 5.790 TO 3.790 | | | | | | | | | | | |
| 131 | 9.50 | 1276.00 | 9.31 | 9.17 | 19.12 | 10.33 | I-WOB2 | UP3 | 20 | DK | TURQUOISE | 130 | KPRX10 | |
| 132 | 9.50 | 1285.50 | 7.97 | 7.89 | 19.12 | 10.42 | I-WOB2 | UP3 | 18.5 | PURPLE | | 131 | KPRX10 | |
| 133 | 6.50 | 1292.00 | 7.46 | 7.48 | 19.12 | 10.45 | I-WOB2 | UP3 | 18 | PURPLE | | 132 | KPRX10 | |

OVERHANG 42.75 1292.00

TOTAL GPM = 650.88
GPA = 5.40

MINIMUM RECOMMENDED REGULATOR INLET PRESSURE IS 15.00 PSI
WITH GRADUATED ELEVATION OF 10.00 FT THE INLET PRESSURE IS 15.99 PSI FOR SPRINKLER 128
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 DELIVERED UNDER SPAN | AVERAGE IN. DELIVERED FOR REVOLUTION TIME | | |
|-----------------|------------------------|-------------|---------------|----------------------|--------------------|--|---|-------|-------|
| | | | | | | | 36 HR | 48 HR | 60 HR |
| 1 | 1.78 | 9.63 | 13.14 | 36% | 7.37 | 0.016 | 0.59 | 0.78 | 0.98 |
| 2 | 5.29 | 28.58 | 28.18 | -1% | 5.32 | 0.012 | 0.42 | 0.56 | 0.71 |
| 3 | 8.80 | 47.53 | 47.21 | -1% | 5.36 | 0.012 | 0.43 | 0.57 | 0.71 |
| 4 | 12.31 | 66.49 | 66.07 | -1% | 5.37 | 0.012 | 0.43 | 0.57 | 0.71 |
| 5 | 15.82 | 85.44 | 84.65 | -1% | 5.35 | 0.012 | 0.43 | 0.57 | 0.71 |
| 6 | 19.33 | 104.39 | 103.59 | -1% | 5.36 | 0.012 | 0.43 | 0.57 | 0.71 |
| 7 | 22.84 | 123.34 | 121.69 | -1% | 5.33 | 0.012 | 0.42 | 0.56 | 0.71 |
| 8 | 26.36 | 142.30 | 140.86 | -1% | 5.34 | 0.012 | 0.43 | 0.57 | 0.71 |
| OVERHANG | 7.84 | 42.30 | 45.49 | 8% | 5.81 | 0.013 | 0.46 | 0.62 | 0.77 |
| TOTAL | 120.39 | 650.00 | 650.88 | | 5.41 | | | | |

SUMMARY OF SPRINKLERS

12 I-WOB2 UP3 6 GOLD
2 I-WOB2 UP3 6.5 GOLD
3 I-WOB2 UP3 7.5 LIME
4 I-WOB2 UP3 8 LAVENDER
3 I-WOB2 UP3 8.5 LAVENDER
3 I-WOB2 UP3 9 GREY
3 I-WOB2 UP3 9.5 GREY
1 I-WOB2 UP3 10 TURQUOISE
3 I-WOB2 UP3 10.5 TURQUOISE
6 I-WOB2 UP3 11 YELLOW
4 I-WOB2 UP3 11.5 YELLOW
2 I-WOB2 UP3 12 RED
4 I-WOB2 UP3 12.5 RED
4 I-WOB2 UP3 13 WHITE
6 I-WOB2 UP3 13.5 WHITE
3 I-WOB2 UP3 14 BLUE
5 I-WOB2 UP3 14.5 BLUE
4 I-WOB2 UP3 15 DK BROWN
6 I-WOB2 UP3 15.5 DK BROWN
4 I-WOB2 UP3 16 ORANGE
6 I-WOB2 UP3 16.5 ORANGE
4 I-WOB2 UP3 17 DK GREEN
7 I-WOB2 UP3 17.5 DK GREEN
7 I-WOB2 UP3 18 PURPLE
4 I-WOB2 UP3 18.5 PURPLE
8 I-WOB2 UP3 19 BLACK
6 I-WOB2 UP3 19.5 BLACK
4 I-WOB2 UP3 20 DK TURQUOISE
2 I-WOB2 UP3 20.5 DK TURQ
2 I-WOB2 UP3 21.5 MUSTARD

1 PLUG**SUMMARY OF REGULATORS**

132 Komet PR-X 10 psi

TOTAL OF 132 REGULATORS

NOZZLE POSITION CHART

| | |
|----------------------------|---------------------------------------|
| I-WOB2 UP3 6 GOLD | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 |
| I-WOB2 UP3 6.5 GOLD | 13, 14 |
| I-WOB2 UP3 7.5 LIME | 15, 17, 18 |
| I-WOB2 UP3 8 LAVENDER | 16, 19, 20, 21 |
| I-WOB2 UP3 8.5 LAVENDER | 22, 23, 24 |
| I-WOB2 UP3 9 GREY | 25, 26, 27 |
| I-WOB2 UP3 9.5 GREY | 28, 29, 30 |
| I-WOB2 UP3 10 TURQUOISE | 33 |
| I-WOB2 UP3 10.5 TURQUOISE | 34, 35, 36 |
| I-WOB2 UP3 11 YELLOW | 31, 32, 37, 38, 39, 40 |
| I-WOB2 UP3 11.5 YELLOW | 41, 42, 43, 44 |
| I-WOB2 UP3 12 RED | 45, 46 |
| I-WOB2 UP3 12.5 RED | 49, 50, 51, 52 |
| I-WOB2 UP3 13 WHITE | 53, 54, 55, 56 |
| I-WOB2 UP3 13.5 WHITE | 47, 48, 57, 58, 59, 60 |
| I-WOB2 UP3 14 BLUE | 61, 62, 65 |
| I-WOB2 UP3 14.5 BLUE | 66, 67, 68, 69, 70 |
| I-WOB2 UP3 15 DK BROWN | 71, 72, 73, 74 |
| I-WOB2 UP3 15.5 DK BROWN | 63, 64, 75, 76, 77, 78 |
| I-WOB2 UP3 16 ORANGE | 81, 82, 83, 84 |
| I-WOB2 UP3 16.5 ORANGE | 85, 86, 87, 88, 89, 90 |
| I-WOB2 UP3 17 DK GREEN | 91, 92, 93, 94 |
| I-WOB2 UP3 17.5 DK GREEN | 79, 80, 97, 98, 99, 100, 101 |
| I-WOB2 UP3 18 PURPLE | 102, 103, 104, 105, 106, 107, 132 |
| I-WOB2 UP3 18.5 PURPLE | 108, 109, 110, 131 |
| I-WOB2 UP3 19 BLACK | 95, 96, 113, 114, 115, 116, 117, 118 |
| I-WOB2 UP3 19.5 BLACK | 119, 120, 121, 122, 123, 124 |
| I-WOB2 UP3 20 DK TURQUOISE | 125, 126, 129, 130 |
| I-WOB2 UP3 20.5 DK TURQ | 111, 112 |
| I-WOB2 UP3 21.5 MUSTARD | 127, 128 |

CF IRRIGATION
710 WEST AVENUE A
CIMARRON, KANSAS 67835

SEPTEMBER 29, 2025
WISH-119628
ARCH FRINK
SE STANLEY
650 GPM @ 26 PSI

REINKE
SENNINGER UP3 I-WOB2
KOMET 10 PSI REGULATORS
.75 I.D. PREMIUM BLUE FLEXIBLE HOSE
HEAD

Rotation time at 100% = 20.50 Hours Or 1230 minutes

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 | | | | 10 | | 57 | 13.5 | KPRX10 | 2 | | 113 | 19 | KPRX10 |
| 2 | | 1 | 6 | KPRX10 | 11 | | 58 | 13.5 | KPRX10 | 3 | | 114 | 19 | KPRX10 |
| 3 | | 2 | 6 | KPRX10 | 12 | | 59 | 13.5 | KPRX10 | 4 | | 115 | 19 | KPRX10 |
| 4 | | 3 | 6 | KPRX10 | 13 | | 60 | 13.5 | KPRX10 | 5 | | 116 | 19 | KPRX10 |
| 5 | | 4 | 6 | KPRX10 | 14 | | 61 | 14 | KPRX10 | 6 | | 117 | 19 | KPRX10 |
| 6 | | 5 | 6 | KPRX10 | 15 | | 62 | 14 | KPRX10 | 7 | | 118 | 19 | KPRX10 |
| 7 | | 6 | 6 | KPRX10 | 16 | | 63 | 15.5 | KPRX10 | 8 | | 119 | 19.5 | KPRX10 |
| 8 | | 7 | 6 | KPRX10 | | TOWER 4 | | | | 9 | | 120 | 19.5 | KPRX10 |
| 9 | | 8 | 6 | KPRX10 | 1 | | 64 | 15.5 | KPRX10 | 10 | | 121 | 19.5 | KPRX10 |
| 10 | | 9 | 6 | KPRX10 | 2 | | 65 | 14 | KPRX10 | 11 | | 122 | 19.5 | KPRX10 |
| 11 | | 10 | 6 | KPRX10 | 3 | | 66 | 14.5 | KPRX10 | 12 | | 123 | 19.5 | KPRX10 |
| 12 | | 11 | 6 | KPRX10 | 4 | | 67 | 14.5 | KPRX10 | 13 | | 124 | 19.5 | KPRX10 |
| 13 | | 12 | 6 | KPRX10 | 5 | | 68 | 14.5 | KPRX10 | 14 | | 125 | 20 | KPRX10 |
| 14 | | 13 | 6.5 | KPRX10 | 6 | | 69 | 14.5 | KPRX10 | 15 | | 126 | 20 | KPRX10 |
| 15 | | 14 | 6.5 | KPRX10 | 7 | | 70 | 14.5 | KPRX10 | 16 | | 127 | 21.5 | KPRX10 |
| 16 | | 15 | 7.5 | KPRX10 | 8 | | 71 | 15 | KPRX10 | | TOWER 8 | | | |
| | TOWER 1 | | | | 9 | | 72 | 15 | KPRX10 | 1 | | 128 | 21.5 | KPRX10 |
| 1 | | 16 | 8 | KPRX10 | 10 | | 73 | 15 | KPRX10 | 2 | | 129 | 20 | KPRX10 |
| 2 | | 17 | 7.5 | KPRX10 | 11 | | 74 | 15 | KPRX10 | 3 | | 130 | 20 | KPRX10 |
| 3 | | 18 | 7.5 | KPRX10 | 12 | | 75 | 15.5 | KPRX10 | 4 | | 131 | 18.5 | KPRX10 |
| 4 | | 19 | 8 | KPRX10 | 13 | | 76 | 15.5 | KPRX10 | 5 | | 132 | 18 | KPRX10 |
| 5 | | 20 | 8 | KPRX10 | 14 | | 77 | 15.5 | KPRX10 | | | | | |
| 6 | | 21 | 8 | KPRX10 | 15 | | 78 | 15.5 | KPRX10 | | | | | |
| 7 | | 22 | 8.5 | KPRX10 | 16 | | 79 | 17.5 | KPRX10 | | | | | |
| 8 | | 23 | 8.5 | KPRX10 | | TOWER 5 | | | | | | | | |
| 9 | | 24 | 8.5 | KPRX10 | 1 | | 80 | 17.5 | KPRX10 | | | | | |
| 10 | | 25 | 9 | KPRX10 | 2 | | 81 | 16 | KPRX10 | | | | | |
| 11 | | 26 | 9 | KPRX10 | 3 | | 82 | 16 | KPRX10 | | | | | |
| 12 | | 27 | 9 | KPRX10 | 4 | | 83 | 16 | KPRX10 | | | | | |
| 13 | | 28 | 9.5 | KPRX10 | 5 | | 84 | 16 | KPRX10 | | | | | |
| 14 | | 29 | 9.5 | KPRX10 | 6 | | 85 | 16.5 | KPRX10 | | | | | |
| 15 | | 30 | 9.5 | KPRX10 | 7 | | 86 | 16.5 | KPRX10 | | | | | |
| 16 | | 31 | 11 | KPRX10 | 8 | | 87 | 16.5 | KPRX10 | | | | | |
| | TOWER 2 | | | | 9 | | 88 | 16.5 | KPRX10 | | | | | |
| 1 | | 32 | 11 | KPRX10 | 10 | | 89 | 16.5 | KPRX10 | | | | | |
| 2 | | 33 | 10 | KPRX10 | 11 | | 90 | 16.5 | KPRX10 | | | | | |
| 3 | | 34 | 10.5 | KPRX10 | 12 | | 91 | 17 | KPRX10 | | | | | |
| 4 | | 35 | 10.5 | KPRX10 | 13 | | 92 | 17 | KPRX10 | | | | | |
| 5 | | 36 | 10.5 | KPRX10 | 14 | | 93 | 17 | KPRX10 | | | | | |
| 6 | | 37 | 11 | KPRX10 | 15 | | 94 | 17 | KPRX10 | | | | | |
| 7 | | 38 | 11 | KPRX10 | 16 | | 95 | 19 | KPRX10 | | | | | |
| 8 | | 39 | 11 | KPRX10 | | TOWER 6 | | | | | | | | |
| 9 | | 40 | 11 | KPRX10 | 1 | | 96 | 19 | KPRX10 | | | | | |
| 10 | | 41 | 11.5 | KPRX10 | 2 | | 97 | 17.5 | KPRX10 | | | | | |
| 11 | | 42 | 11.5 | KPRX10 | 3 | | 98 | 17.5 | KPRX10 | | | | | |
| 12 | | 43 | 11.5 | KPRX10 | 4 | | 99 | 17.5 | KPRX10 | | | | | |
| 13 | | 44 | 11.5 | KPRX10 | 5 | | 100 | 17.5 | KPRX10 | | | | | |
| 14 | | 45 | 12 | KPRX10 | 6 | | 101 | 17.5 | KPRX10 | | | | | |
| 15 | | 46 | 12 | KPRX10 | 7 | | 102 | 18 | KPRX10 | | | | | |
| 16 | | 47 | 13.5 | KPRX10 | 8 | | 103 | 18 | KPRX10 | | | | | |
| | TOWER 3 | | | | 9 | | 104 | 18 | KPRX10 | | | | | |
| 1 | | 48 | 13.5 | KPRX10 | 10 | | 105 | 18 | KPRX10 | | | | | |
| 2 | | 49 | 12.5 | KPRX10 | 11 | | 106 | 18 | KPRX10 | | | | | |
| 3 | | 50 | 12.5 | KPRX10 | 12 | | 107 | 18 | KPRX10 | | | | | |
| 4 | | 51 | 12.5 | KPRX10 | 13 | | 108 | 18.5 | KPRX10 | | | | | |
| 5 | | 52 | 12.5 | KPRX10 | 14 | | 109 | 18.5 | KPRX10 | | | | | |
| 6 | | 53 | 13 | KPRX10 | 15 | | 110 | 18.5 | KPRX10 | | | | | |
| 7 | | 54 | 13 | KPRX10 | 16 | | 111 | 20.5 | KPRX10 | | | | | |
| 8 | | 55 | 13 | KPRX10 | | TOWER 7 | | | | | | | | |
| 9 | | 56 | 13 | KPRX10 | 1 | | 112 | 20.5 | KPRX10 | | | | | |

CF IRRIGATION
710 WEST AVENUE A
CIMARRON, KANSAS 67835

SEPTEMBER 29, 2025
WISH-119628
ARCH FRINK
SE STANLEY
650 gpm @ 26 psi

REINKE
SENNINGER UP3 I-WOB2
KOMET 10 PSI REGULATORS
.75 I.D. PREMIUM BLUE FLEXIBLE HOSE
NO ENDGUN

Rotation time at 100% = 20.50 Hours Or 1230 minutes

Nozzle Difference

Previous chart: WISH-119623 500 gpm @ 22 psi
Current chart: WISH-119628 650 gpm @ 26 psi

| Nozzle Type and Size | Difference | Previous WISH Printouts |
|-------------------------------|------------|---|
| SENNINGER UP3 8.5 LAVENDER | 1 | WISH-119623 500 gpm @ 22 PSI SEPTEMBER 25, 2025 |
| SENNINGER UP3 10.5 TURQUOISE | 1 | |
| SENNINGER UP3 11 YELLOW | 1 | |
| SENNINGER UP3 17.5 DK GREEN | 4 | |
| SENNINGER UP3 18 PURPLE | 5 | |
| SENNINGER UP3 18.5 PURPLE | 3 | |
| SENNINGER UP3 19 BLACK | 7 | |
| SENNINGER UP3 19.5 BLACK | 6 | |
| SENNINGER UP3 20 DK TURQUOISE | 4 | |
| SENNINGER UP3 20.5 DK TURQ | 2 | |
| SENNINGER UP3 21.5 MUSTARD | 2 | |
| Total: | 36 | |

PRECIPITATION CHART FOR FULL CIRCLE

WISH-119628

SEPTEMBER 29, 2025

DEALER - CF IRRIGATION

IRRIGATOR - ARCH FRINK

FIELD - SE STANLEY

TOTAL LENGTH PIPE = 1292.00 SYSTEM PRESSURE = 26 PSI
 GPM UNDER PIPE = 650.88 TOTAL GPM = 650.88
 ACRES UNDER PIPE = 120.39
 RANGE OF ENDGUN = .00 RUN FOR MINIMUM PRESSURE
 GPM OF ENDGUN = .00
 ACRES UNDER ENDGUN = .00

MOTOR SIZE (HP) = 1
 LOADED MOTOR RPM = 1745
 CENTER GEAR BOX RATIO = 60
 WHEEL GEAR BOX RATIO = 50
 TIRE SIZE = 11 X 22.5
 LAST TOWER SPEED (FPM) = 6.38

PRECIPITATION BASED

% TIMER BASED

| PRECIPITATION INCHES | % TIMER SETTING | TIME HOURS | % TIMER SETTING | PRECIPITATION INCHES | TIME HOURS |
|-------------------------|--------------------|-------------------|--------------------|-------------------------|-------------------|
| .24 | 100.00 | 20.50 - 1230(min) | 100.00 | .24 | 20.50 - 1230(min) |
| .25 | 97.98 | 20.93 | 90.00 | .27 | 22.78 |
| .30 | 81.65 | 25.11 | 80.00 | .31 | 25.63 |
| .40 | 61.24 | 33.48 | 70.00 | .35 | 29.29 |
| .50 | 48.99 | 41.86 | 60.00 | .41 | 34.17 |
| .60 | 40.83 | 50.23 | 50.00 | .49 | 41.01 |
| .70 | 34.99 | 58.60 | 45.00 | .54 | 45.57 |
| .75 | 32.66 | 62.78 | 40.00 | .61 | 51.26 |
| .80 | 30.62 | 66.97 | 35.00 | .70 | 58.59 |
| .90 | 27.22 | 75.34 | 30.00 | .82 | 68.35 |
| 1.00 | 24.50 | 83.71 | 25.00 | .98 | 82.02 |
| 1.25 | 19.60 | 104.64 | 20.00 | 1.22 | 102.52 |
| 1.50 | 16.33 | 125.57 | 15.00 | 1.63 | 136.70 |
| 1.75 | 14.00 | 146.49 | 10.00 | 2.45 | 205.05 |
| 2.00 | 12.25 | 167.42 | 5.00 | 4.90 | 410.10 |

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.