



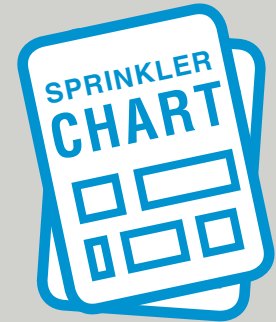
8 TIPS

TO ACCURATELY
CHECK YOUR
CENTER PIVOT
SPRINKLERS

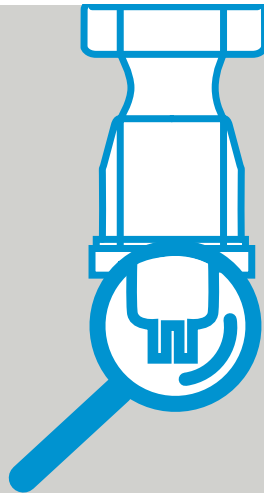
1

CHECK YOUR SPRINKLER CHART

Verify that all sprinkler components match the sprinkler chart and are in the correct location on your center pivot.



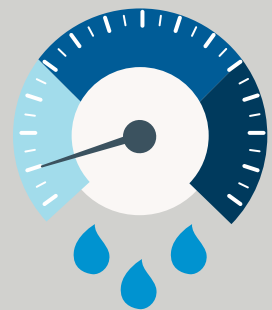
2



INSPECT FOR BROKEN SPRINKLERS

While your center pivot is running with water, inspect all sprinklers and look for plugged or broken sprinklers, uniform water patterns, and leaking sprinklers or pressure regulators.

3



MEASURE YOUR CENTER PIVOT'S WATER PRESSURE

Verify that your machine's water pressure matches your sprinkler chart design by using an accurate pressure gauge.

4

USE A SPRINKLER PRESSURE REGULATOR

Place your pressure gauge just before the last pressure regulator at the end of your center pivot to verify that the end pressure is sufficient to operate the sprinkler pressure regulators.

Did you know?

PRESSURE REGULATORS REQUIRE 5 PSI OVER THE NOMINAL PRESSURE RATING THAT IS STAMPED ON THE REGULATOR.



BONUS TIP

For fields with slopes, check the pressure regulator along the machine at the highest point(s) in the field.

5

CHECK YOUR END GUN AND BOOSTER PUMP

Make sure your end gun and booster pump turn on and off correctly.



6

RUN A PERCENT TIMER REPORT



Verify that your machine speed matches the speed in the percent timer report.

BONUS TIP

Do this by running the machine at 100%, then marking the location of the last drive unit every minute for five minutes. To calculate the speed of your machine, measure the distance (in feet) between each flag and average the readings.

7



PAY EXTRA CAREFUL ATTENTION WHEN USING VARIABLE RATE IRRIGATION (VRI)

It is even more important to check the health of your sprinkler package when using VRI. Without a properly working sprinkler package, you may not get the full benefits VRI can provide.

8

CALL YOUR LOCAL DEALER

If you're just not sure where to start to make sure your sprinkler package is ready for the next growing season, give your local dealer a call.



TAKE TOTAL CONTROL OF YOUR OPERATION

Water application is at the heart of what you do. In order to do this as well as possible, sprinkler packages need to be properly designed and maintained to a high degree of accuracy. Generally, sprinkler packages should be replaced at least every 10,000 hours of operation.

Regularly check for broken or worn sprinkler components and replace them as necessary. Also, consider running a new sprinkler design that could maximize uniformity and application efficiency, and help alleviate application issues such as runoff, ponding and soil sealing.

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