

AGRICULTURE COPY LIBRARY

Scientific Irrigation Scheduling (SIS)

DEFINITION

Scientific irrigation scheduling takes the guesswork out of irrigation by monitoring on-site soil moisture and weather data to determine when and how much to irrigate. This can be accomplished through partnership with a SIS vendor or via online SIS system. SIS takes into consideration a large range of factors, including: evaporation and transpiration, soil depth, and weather predictions to write a “prescription” for your irrigation planning and execution.

SCIENTIFIC IRRIGATION SCHEDULING VALUE PROPOSITION

Through monitoring and analysis of detailed crop and weather information, scientific irrigation scheduling provides a comprehensive “prescription” to help you know when and how much to irrigate your crops.

By working within the parameters defined by your current weather and soil conditions, the SIS program helps you conserve up to 10% of water needed throughout the year, avoid over-irrigation, reduce fertilizer runoff and soil leaching, and can even improve overall crop yields in many cases.

SIS - MESSAGING

Conserve water and avoid over-irrigation by employing Scientific Irrigation Scheduling. Know exactly when and how much to irrigate by combining monitoring and analysis of current soil and weather conditions. Incentives may be available to help you get started with SIS, so contact your utility today to learn more and get assistance locating a vendor.

CONSIDERATIONS FOR PRODUCERS**1. LEAVE THE GUESSWORK OUT OF IRRIGATION WITH AN IRRIGATION SCHEDULE PRESCRIBED JUST FOR YOU**

SIS arms you with an in-depth, week-to-week analysis of soil and weather conditions so you know exactly when and how much to irrigate crops, all at a very reasonable cost to set up. Your local utility may also provide financial incentives to assist with the costs associated with SIS set-up so you can start saving up to 10% off your annual energy and water costs right away.

2. IMPROVE CROP YIELD AND QUALITY WITH SIS

By offering more accurate and precise irrigation, you can reduce the effects of over-irrigation. That means less waste, less mold and mildew commonly associated with over-watering, and in many cases improved quality and volume of crop production.

3. FLEXIBLE OPTIONS DESIGNED TO STREAMLINE YOUR WORKFLOW

There are several flexible options to help you get started with SIS. Many vendors are available to assist, OR choose from helpful online SIS options to get your weekly or bi-weekly prescription for irrigation. Your utility is here to help answer your SIS questions and put you in touch with vendors who can help you design your own customized SIS.

4. YOUR UTILITY IS HERE TO HELP

Your utility can assist you as you plan for SIS and provide you with the resources you need to get an estimate of the water, energy, and financial savings you’ll enjoy when you start using SIS. Contact your utility today to get started.

SCIENTIFIC IRRIGATION SCHEDULING - LONG COPY

HEADLINE

Take the guesswork out of your irrigation.

LONG DESCRIPTION

Scientific Irrigation Scheduling takes the guesswork out of irrigation by combining monitoring and analysis of detailed crop and weather information to create a comprehensive prescription that's tailored to your unique conditions. You get a watering schedule that's scientifically optimized for better results.

By working in harmony with your crop conditions and providing week to week planning assistance, Scientific Irrigation Scheduling helps you save up to 10% on your water needs for the year and may even improve overall crop quality in many cases.

Avoid the risk of over-irrigation and improve the conditions of your crops with Scientific Irrigation Scheduling. Many utilities now offer financial incentives to help you get started. Contact your utility today to learn more.

Scientific Irrigation Scheduling includes:

- Crop and weather monitoring
- Detailed analysis
- Weekly irrigation prescriptions

CTA

Contact your local utility to get started.

SUBHEADING

Leave the guesswork behind.

COPY

Scientific Irrigation Scheduling arms you with in-depth analysis that includes both weather and your unique soil conditions, so you know exactly how much to water and when to get the very best results.

Getting started with Scientific Irrigation Scheduling is easy and the costs are reasonable to begin a new SIS program. Many utilities also offer financial incentives to help you get started.

SUBHEADING

Better quality, higher yield production.

COPY

More precise irrigation application means less risk of over-irrigation. As a result, many university studies have shown you will see less wasted water and energy and less of the mold and mildew that result from over-irrigation. In many cases, that means improved crop quality and an increase in the overall volume of your production.

SUBHEADING

A plan for everyone.

COPY

Much like the tailored irrigation prescription you will receive each week, there is a flexible SIS option to meet the needs of almost everyone, whether that's online or working with a consultant for your weekly prescription.

Your local utility is here to assist you and can provide you with more information or put you in touch with a vendor that will work for you.

SUBHEADING

Your utility is here to help.

COPY

Your utility can assist as you begin planning and provide you with all of the resources you'll need to estimate any of the water, energy, and financial savings you will enjoy with SIS.

CTA

Contact your local utility to get started.

Your utility can make it easy to start saving. Call today to learn more about the SIS Program.

SCIENTIFIC IRRIGATION SCHEDULING - SHORT COPY

HEADLINE

Take the guesswork out of your irrigation.

COPY

SIS takes the guesswork out of irrigation by combining monitoring and analysis of crop and weather information to create a watering schedule that's optimized for the best results.

By working in harmony with your crops, SIS helps you save up to 10% on your annual water use.

CTA

Contact your local utility to get started.

Your local utility is here to assist as you start planning for the Scientific Irrigation Scheduling Program. Contact your local utility today to learn more.