

# CHS YieldPoint® Electrical Conductivity Mapping



Soils can be dramatically different from the top to the bottom of the root zone. With electrical conductivity (EC) mapping, sensors are utilized to measure values for topsoil and subsoil. (The higher the clay content, for example, the better the soil conducts electricity and the higher the EC number.)

CHS YieldPoint® specialists will measure soil characteristics that impact crop growth and placement of your inputs. We are utilizing this technology to measure texture and porosity, water holding capacity, salinity, organic matter and topography.

## With this data, we'll help you optimize:

- Fertility programs, including variable rate fertility
- Planting populations, including VR planting
- Water management and moisture probe placement
- Drainage planning, utilizing slope, elevation and landscape data
- Tillage practice management
- Pesticide applications, including nematocides

## CHS YieldPoint® specialists can help you succeed with:

- Determining if EC data would benefit your operation
- Collecting data
- Interpreting results
- Developing zone maps
- Applying findings to precision practices
- Recording soil characteristic data

**Discover the CHS YieldPoint® solution for success. We will help you increase profit potential with leading precision ag offerings through local experts with global connections.**

## CHS YieldPoint® specialists help you succeed with:

- CHS YieldPoint Sampling – Grid and zone sampling
- CHS YieldPoint Prescriptions – Planting and fertilizer prescriptions
- CHS YieldPoint Tissue Sampling – Crop tissue sampling
- CHS YieldPoint VRT Spreading – Variable rate spreading of single or double products
- CHS YieldPoint Mapping – Planter and harvest mapping
- CHS YieldPoint Water Management – Integrated system approach to maximize water use
- CHS YieldPoint Data Management – From consolidating records to evaluating performance and setting plans

## Gain these benefits for your operation:

- In-depth reports on grower, farm, field or operational failures and successes
- Access to pooled data (providing a larger, more accurate database)
- Seed selection advice gathered from multiple experiences with hybrids in your region
- Industry-leading local data on new products gathered through our YieldPoint field trials process
- Ability to manage risk with more accurate information
- Prescriptions based on local data
- Relationships with local advisors

