

Proposal

SJ Ag Operations can provide various agronomic solutions and management strategies to boost crop yields and building better soil using approaches grounded in science to produce tangible results. Our staff has extensive agronomic knowledge and experience with precision AG technology to provide analytics and decision support for improved management outcomes and sustainable crop production yields. Contact us for tailor-made agronomic needs.

Crop Management and Data Services

- Mapping
 - Boundaries
 - Track lines
 - Field layouts
 - GPS base station troubleshooting and RTK-level corrections

- Crop Scouting
 - Identify germination rates, monitor crop progress, generate yield estimates
 - Identify, manage and mitigate pest pressures
 - Conduct root digs in order to look for nematodes and other root-eating pests
 - Geo-referencing of disease, weed, of nutrient deficiency issues within field
 - Use knowledge of growth stages in crops in order to forecast potential problems during that stage of the growing season
 - Taken together, early warning and timely reporting when issues develop allow for target applications at the correct stage of crop development to decrease costs, minimize crop damage

- Yield Analysis
 - Benchmark harvest estimates
 - Identify weak spots in field and critical control points for cost-effective corrections
 - Leads to improved decision-making regarding germplasm and chemistry selections for future crops

- Soil Sampling
 - Grid or Zone Based

- Irrigation Solutions
 - Wastewater solutions
 - Efficient irrigation methods and practices

- Recommendations
 - Nutrient management for crops
 - Timing and rates of applications along with chemistry selection for pest control
 - Planting populations and germplasm varieties suited to soil type and other environmental or pest pressures
 - Design of ideal cover crop solutions and rotational cropping systems for soil building and integrated pest management solution