

GROWING AGRICULTURE *together.*

AG TECHNOLOGY

Throughout history, scientific and technological advances have greatly impacted the agriculture industry. Farmers continue to adapt to the changing technologies to grow more with less land. Today, only 2% of the population is involved with production agriculture. These farmers have specialized operations and feed about 166 people annually.

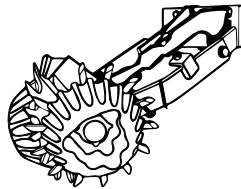
AG TECHNOLOGY

Ag Technology, also known as Precision Ag, helps farmers make smart, efficient, and responsible decisions about how and when they plant, grow, irrigate, harvest and transport crops.



GPS

Use of satellites to track field data



HARDWARE

Equipment hardware to ensure accuracy



SOFTWARE

Computer & phone apps to help with efficiencies



DATA

Explanation of results through technology

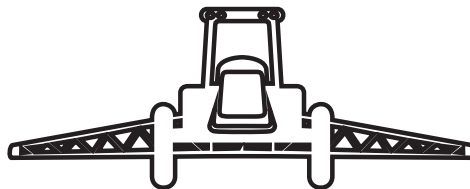
VARIABLE RATE APPLICATION

With variable rate application, farmers use computers and satellites to place different rates of an input such as water, seed or fertilizer where the plant can best use them based on soil tests, yield, imagery, or other soil characteristics.



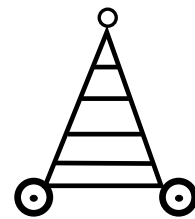
SEED

Planting the correct amount of seed



FERTILIZER

Applying the right amount of fertilizer



WATER

Applying the right amount of water

FUTURE OF PRECISION AG

SENSOR TECHNOLOGY ● DRONE SCOUTING ● DRONE SPRAYING ● DRIVERLESS EQUIPMENT