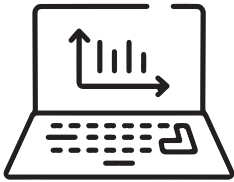


AGRONOMY 101

Agronomy is the science of soil management and crop production. It's essential to learn the soil's characteristics and how the soil works together with the growing crop. Agronomy impacts many resources we need in the world with the most important resource being food!

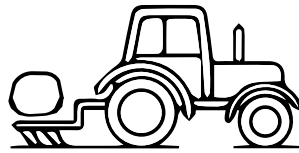
GROWING CYCLE (CORN & SOYBEANS)

A grower must know what nutrients the crop needs and how to implement these nutrients so that the crops can grow.



REVIEW DATA

Farmers review yield data to make decisions on soil health



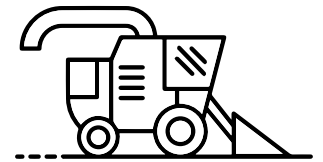
PLANTING

Farmers plant their seed in the spring



SCOUTING

Farmers manage fields for weeds, insects, & fungi

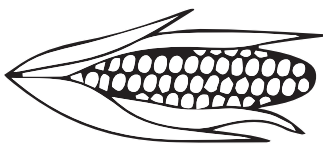


HARVEST

Farmers harvest their crops in the fall

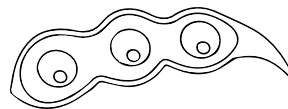
CROPS

It takes a lot of work to grow a plants such as corn, soybeans, and wheat. These plants are used for many resources & products.



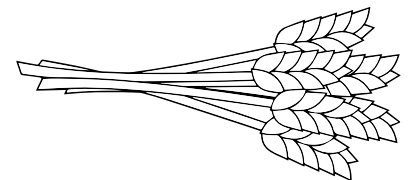
CORN

One planted seed produces 500 to 700 kernels per ear



SOYBEANS

One planted seed produces 100 to 200 soybeans per plant



WHEAT

One planted seed produces 50 kernels per plant

PRODUCTS



LIVESTOCK
FEED

FOOD FOR
PEOPLE

ETHANOL
FOR FUEL

PRODUCTS



LIVESTOCK
FEED

COOKING
OIL

BIODIESEL
FUEL

PRODUCTS



BREAD

PASTA

FLOUR