

## COVER CROPS

Cover crops have become a popular aspect of agriculture over the past years. Typically when one thinks of cover crops, one may think of farmers with livestock or highly erodible ground. However, cover crops have a much wider use. Some of those uses include: prevention of soil erosion, which has become most common along with soil compaction; weed suppression; early spring feeding for livestock; retaining of nitrogen; and an alternative source for bio-fuels.



**What Schertz Aerial Service, Inc. has to offer:**

- **Only offers bundle solutions to your needs**
- **We are a John Deere Financial Merchant previously known as FarmPlan**
- **Strives to provide customer service**
- **24 hour notification of completion**
- **Properly calibrated and operated airplanes**

**Call Schertz Aerial Service, Inc. to boost your yield production**



**SCHERTZ AERIAL SERVICE, INC.**

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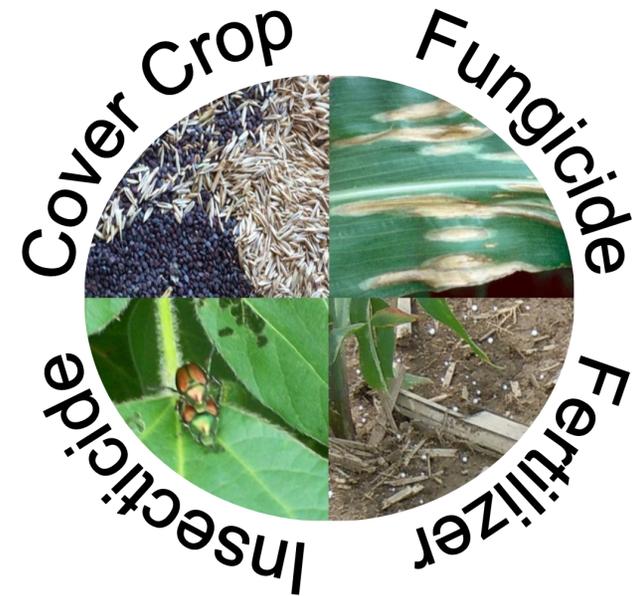
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*Schertz Aerial Service, Inc.*

*Servicing All Of Your Aerial Application Needs*



*Enhancing Central Illinois  
For Over Forty Years*

# Maximizing Your Yield Potential



## SCHERTZ AERIAL SERVICE, INC.

is a locally owned and operated business providing aerial service to Central Illinois. For over 40 years, Schertz Aerial Service, Inc. has been dedicated to enhanced yields through the timely application of crop protection products. We strive to help growers increase their yields as efficiently and effectively as possible.

Our turbine aircraft are fully-equipped with technology to assist our pilots to your fields and applying product in an efficient and timely manner.

We are a diversified operation, offering products such as fungicides, insecticides, fertilizer and seeding. The Corn Excellence Program™ offers the addition of fertilizer, such as Ammonium Nitrate and Potassium Nitrate, to enhance the fungicide results. Also, we are experienced in offering many different cover crops for your specific benefit.

At Schertz Aerial Service, Inc. we offer the right tools and products to help growers manage agronomic decisions. On a 25 acre plot, we run different variables to find out which practice shows a better response. Some of the variables used have been 20" vs. 30" rows, high fertility vs. low fertility, plant health vs. no plant health and nitrogen applied at V8 vs. no additional nitrogen.

## FUNGICIDE

Fungicide has been a growing aspect of the farming industry for several years and is constantly evolving. We are here to keep you up-to-date on the newest fungicide technology. Not only do fungicides help plants with diseases, but also help plants handle stress. Fungicides assist plants through stressful environments allowing the plant respiration, along with xylem and phloem to move throughout the plant.

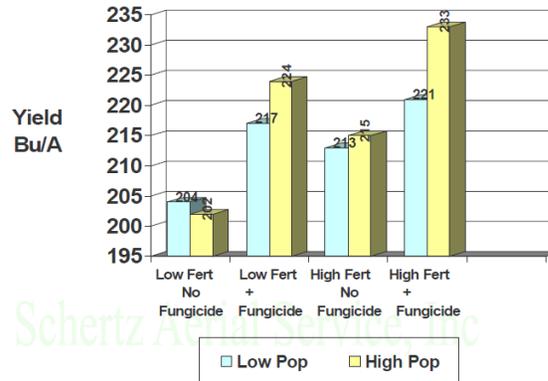
## INSECTICIDE

Insecticides are not only for your field to be clean of pests, but to encourage reproductive growth and not limit the plant's yield potential. Stop those pests that rob your yields whether it be from silk clippings, ear damage, plant damage or pod feeding.

## FERTILIZER

Considering the lack of available nitrogen and potassium for consumption at the grand stage of growth, Schertz Aerial Service, Inc. is offering a product that is readily available for plant uptake. After pulling a considerable amount of tissue samples, results came back low to average in nitrogen and considerably lower in potassium. This product is positioned as a supplement to enhance a balanced fertility program. Some benefits include minimal volatilization, immediately available, no additional compaction issues, makes up for the nitrogen loss in cool wet soils, does not get tied up in organic matter and no pruning to the root mass. We are proud to have this unique offer that allows a plant to have readily available nitrogen at the time of peak need.

### Impact of Fertility, Fungicide & Population



Schertz Aerial Service, Inc.

Our plots have shown that fungicides, fertilizer and planting populations have a synergistic effect on corn yields.

### Crop Growth and N-Uptake

