

PLOT LOCATIONS

- Main Research Farm: 1/4 mile west of Catlin, IL - Drummer, Flanagan, Catlin Silt Loam soils; highly productive
- Walker Trust Plot: located on the North edge of Catlin - Keomah Silt Loam; timber soil
- Robert Woods Plot: located approx. 3.1 miles northwest of Catlin - Sabina Silt Loam; timber soil
- Holden Property: located 1.25 miles north of Oakwood, IL - Starks Silt Loam; timber soil

*Note- The timber soils are more susceptible to stress conditions, which can be a good thing in product research.

PLOT SIZE

Each plot is planted in 6-30" rows. Length varies by location, but will fall into a range of 80'-105' per plot. Variations, such as splitting the planter into 3 rows each for 2 hybrids, is possible. Typically, most companies have 4 replications per treatment, but have gone up to as many as 6 per treatment.

*Soil tests are taken annually and fertilizer is spread annually in the spring.

FACILITIES

A 50'x40' air conditioned meeting room is available at the Main Research Farm for sales or customer meetings. This meeting room includes a kitchen and a bathroom. We encourage companies to take advantage of these facilities as meetings can be held indoors, and then taken to the plots for visual reference.

MAIN RESEARCH EQUIPMENT

- John Deere 7000 Planter with most Precision planting attachments, including electric motor drives. FieldView Monitor planting system. Capable of in-furrow applications at 5 GPA or less.
- John Deere 4700 Sprayer with 75' boom, with 5 separate boom section controls of 15' each.
- 3 Point Hitch 15' Sprayer for early foliar applications, plus access to a handheld boom sprayer for tasseled corn.
- 6 Row Cultivator, and Field Cultivator and tractors for tillage. Conventional tillage is done each fall and spring.

RESEARCH COSTS

- Basic cost is \$150 per plot for all basic fertilization, chemical application, and seed. With 4 replications, this totals \$600 per treatment. A control plot is required with each trial.
- Included with basic protocol: 1 early season stand count, 1 NDVI reading or visual rating, 1 foliar application, and harvest moisture and yield. Additional protocol items may add to this cost, depending upon labor required.
- All protocols will be reviewed and approved to make sure I have the capability of doing what is required in the research protocol. Plot location will be determined at that time.
- Aerial pictures of each plot location are available upon request.



Feel free to get in touch with
Larry Schonert @ 217-474-5989.
TSM Main Office Location :
106 E. Commercial St. Catlin, IL 61817.



**Catlin
Main Research
Farm**

**Walker
Plot**



**Holden
Plot**



**Robert Woods
Plot**