

Agricultural Services, Inc.

Field Scouting Report



Scouting Date: 10/12/2017

Scouted By: Trevor Gorecki

Grower: Customer Sample

Current Crop: Corn

Field Name: Sample

Previous Crop: Soybeans

Legal Description: N 80 NW 1/4, 24-10-9

Seed Brand: Pioneer

Acres: 80.00

Seed Variety: P1197AM

Crop Year: 2017

Seed Traits: AM/LL/RR2

Stand Information: (As of Emergence)

Center	NE	NW	SE	SW	Average:
32,000	30,000	31,000	31,000	32,000	31,200

Crop Progression:

Total
GDU:

Crop Stage:	<u>V-14</u>	109%
Planting Date:	<u>04/27/2017</u>	
Days Planted:	<u>168</u>	
GDU Required:	<u>2,730</u>	
GDU Accumulated:	<u>2,979</u>	
Normal GDU:	<u>3,032</u>	
GDU's, +/-	<u>-54</u>	



Estimated Water Use for Corn at 0% of Full ET:



Sun:	Mon:	Tue:	Wed:	Thu:	Fri:	Sat:	Total:
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Soil Moisture Comment:

Sampled top 3 feet and came up with estimate of 2.80 inches as top foot had 1.00 inches, 2nd foot 1.00 inches, and 3rd foot 0.80 inches. Corn will be using around 25-30 hundredths daily and a total of 1.90 inches for the week. May look at watering again in 8 days or so.

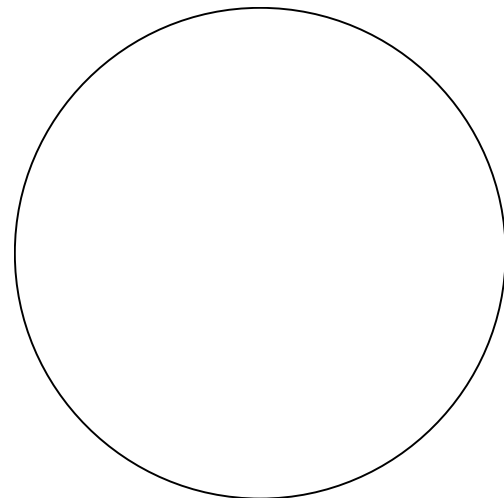
Location: Depth: Moisture Saturation (percent):

Location:	Depth:	Moisture Saturation (percent):
		%
Pivot Position:	<input type="checkbox"/>	Is Pumping

Comments:

Corn continued to progress well with plants now around 5 leaves from tasselling. Insect pressure was made of moderate-heavy rootworm beetles on the smaller field to the South while large field had little pressure. Also sampled for western bean and came up with count of 32% out of 100 plants sampled. This number is way above the threshold and therefore would highly recommend we treat this entire field for western bean to limit damage later in the year on ears. If corn is Viptera you would have some control in the hybrid but if corn is Herculex stacked you would be lacking effective western bean control in hybrid. So if corn is Herculex we should look at treating likely towards end of week as some western bean eggs have already hatched. Disease was sparse common rust at this time.

North:



When the Current crop is soybeans, a standard of 2,500 GDU is used as a relative maturity factor.