

2008 Soybean treatment

Treated with Cruiser Max
No-till
regular & double crop plantings

Equipment

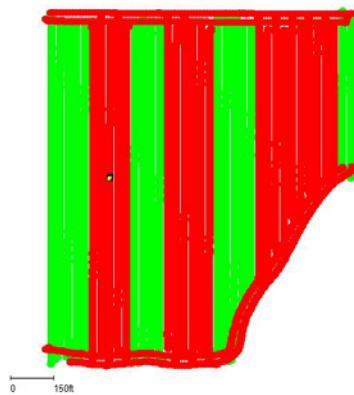
- White 23 row 15inch planter (28.75ft)
- Agleader Insight to log planter data
- RTK auto steer
- Agco R75 with 30ft flex head
- Agco fieldstar to log yield data
- Agleader SMS to analysis data
- N-K 39A3 regular crop planted on May 20th
- Asgrow 3802 double crop planted on July 7th

Application Method

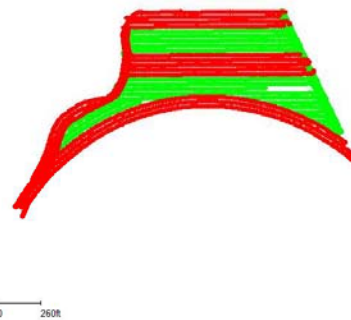
- Treated at seed dealer just prior to planting
- Planted treated strips (moved to a different field planted out the treated seed filled with untreated seed) then came back that day and filled in with untreated seed

Red is untreated Green is treated

Conventional field

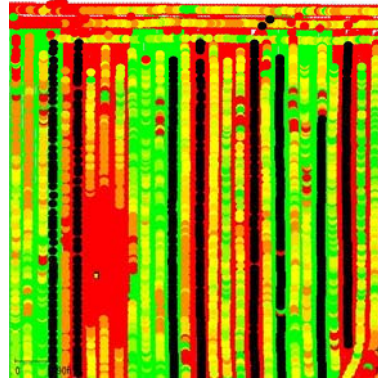


Double crop field



Querying data with SMS

Because combine width is different than planter width I skipped one combine passes that was on the line between treated and non treated



The black lines are combine pass queried by SMS to find average yield for each pass

Regular planting date field yields

Treated	Non treated	Difference	
42.84	50.85	-8.01	Wet soil
62.88	49.5	13.38	conditions
62.35	52.89	9.46	
58.99	55.52	3.47	
58.04	57.57	0.47	

Double crop field yields

Treated	Non treated	Difference
30.95	30.27	0.68
31.74	28.62	3.12
34.67	29.62	5.05

- Seed treatment cost of \$5.00 per acre
- Soybeans at \$9.00 a Bu.
- You need just over ½ bu./ acre to recover costs
- The 5 strips average of 3.75 bu./ acre better for the regular planting time
- The 3 strip average on the double crop was 2.95 bu./ acre better

Other observations

- We had one other field with a strip of treated and non treated but we sprayed a headline strip test on the divide line
- We also had another double crop field and the results were the same
- Our crop consultant observed other fields of treat and non treated with severe bean leaf beetle and had to spray for them in the non treated areas

Conclusion

- Cruiser Max seed treatment pays to be applied to the seed in both regular planting and in double crop soybeans