



Rick Clark

Progressive Regenerative Indiana Farmer

Steward



5th generation farmer

- **No till soybeans for 15 yrs**
- **No till corn for 10 yrs**
- **Cover crops for 10 yrs**
- **Farming green for 8 yrs**



- **100% non GMO all crops**
- **No starter fertilizer**
- **No fungicide**
- **No seed treatment**
- **No insecticide**



What drives our system?

- Building soil health
- Diversification
- Cash crop rotation
- Armor the soil
- Building human health
- Being a good steward
- ROI



Balance

A symbiotic relationship
with mother nature.

Gunslinger (Fall Plant)

30 lbs Haywire oats

5 lbs Austrian winter peas

5 lbs Fixation Balansa clover

3 lbs Sorghum/Sudan

3 lbs Tillage radish

Per acre planting rate





**Austrian
Winter Peas
&**



Nutrient analysis of Gunslinger

June 5th 2019

N	P2O5	0-46-0	K20	0-0-60	Ca	Mg	S
151	44	96	190	317	47	11	8

Note: 5840 lbs *Dry Matter* biomass per acre.

***Test results are composed of FIXatioN Clover and Austrian Winter Peas only
– other species in the mix winterkilled**



**Planting corn “green”
into Balansa Fixation
clover and Austrian
winter peas.**



Frost Seeding

March 11th 2019

- 30 lbs Haywire Oats**
 - 8 lbs Fixation Balansa clover**
 - 2 lbs Tillage radish**
 - 2 lbs Rape**
 - 2 lbs Chicory**
 - 2 lbs Hairy Vetch**
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- Note: Broadcast with Case IH Air max 70' boom.**

Nutrient analysis of frost seeding

June 10th 2019

N	P2O5	0-46-0	K2O	0-0-60	Ca	Mg	S
110	55	147	177	295	73	16	23

Note: 5538 lbs Dry Matter biomass per acre

Input Reductions

Input	2011	2019	% change
Diesel fuel	30,011 gal	15,151 gal	49.5
Horsepower	3350	1200	64.2
Synthetic N	220 lbs/A	110 lbs/A	50.0
MAP	330 tons	0	WOW!
Potash	400 tons	0	WOW!
Lime	2100 tons	0	WOW!
Chemistry	\$40/A	\$8/A	80.0

Money in your pocket!

Diesel fuel	\$ 35,000
Synthetic N	\$ 110,000
MAP	\$ 138,000
Potash	\$142,000
Lime	\$ 53,000
Chemistry	\$ 192,000

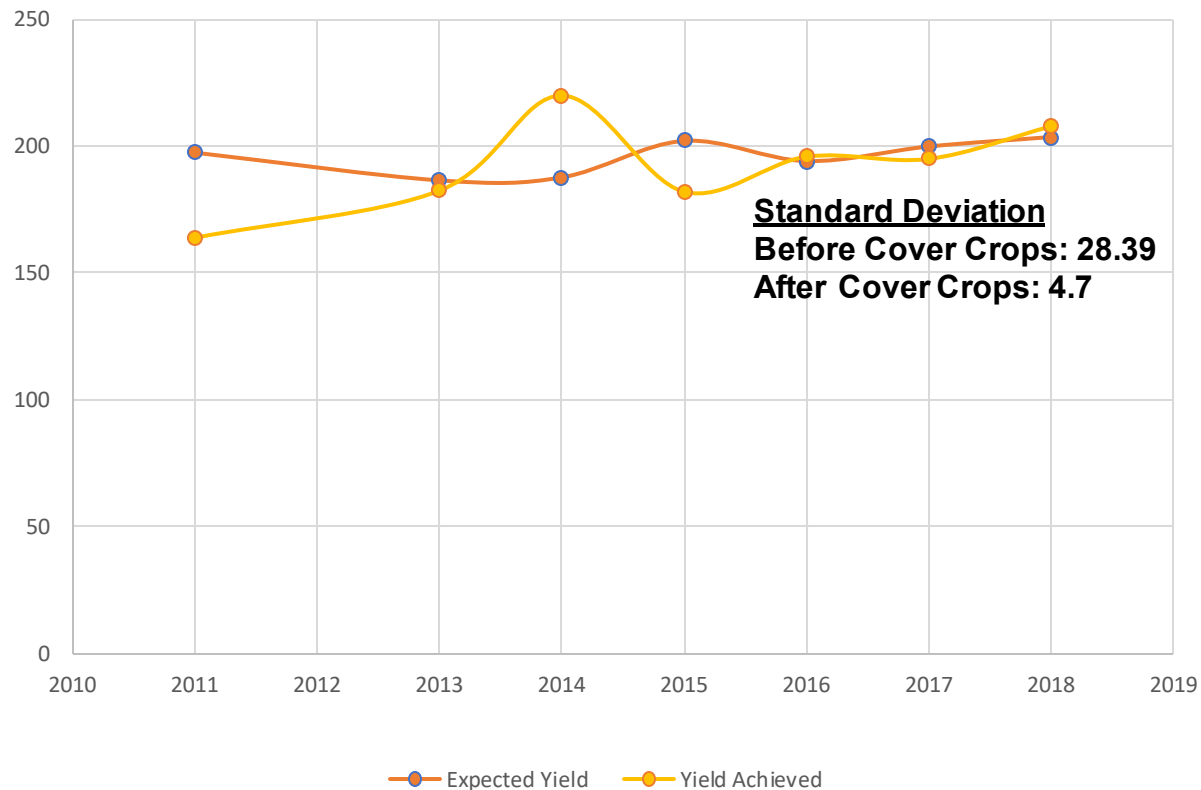
Total \$ 670,000

Note: The total dollar amount is repeated every year. (7,000 acre farm)

Stability

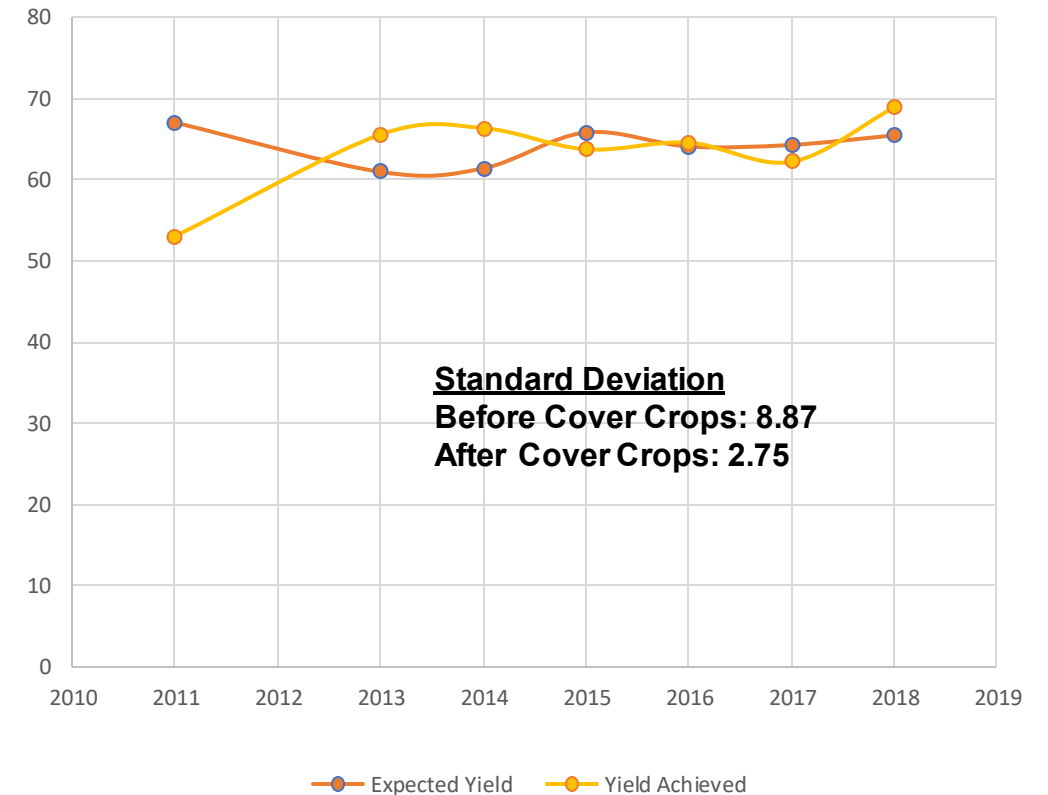
Corn

Corn Yield Comparison



Soybeans

Soybean Yield Comparison



Low cost input producer

	NGMO corn	NGMO soybeans
Seed	\$75/A	\$26/A
Cover crop	\$30/A	\$36/A
Chemistry	\$14/A	\$0/A
Synthetic N	\$60/A	\$0/A
Synthetic P,K	\$0/A	\$0/A
Fungicide	\$0/A	\$0/A
Insecticide	\$0/A	\$0/A
Roller crimper	\$11/A	\$11/A
total	\$190/A	\$73/A
B/E yield	43 bu/A	8 bu/A

If you are not uncomfortable with what you are doing, then you are not trying hard enough to change.

I challenge everyone here today to get a little uncomfortable. I think you will like how it feels.

I am proud to be a farmer.

But, I am more proud of the way I farm.

Regenerative Stewardship

- **Rick Clark**
- Progressive Regenerative Indiana Farmer

