

3rd Annual
Midwest Soil Improvement Symposium:
2013

Research and Practical Insights into Using Gypsum

March 7, 2013

Gypsum User Panel

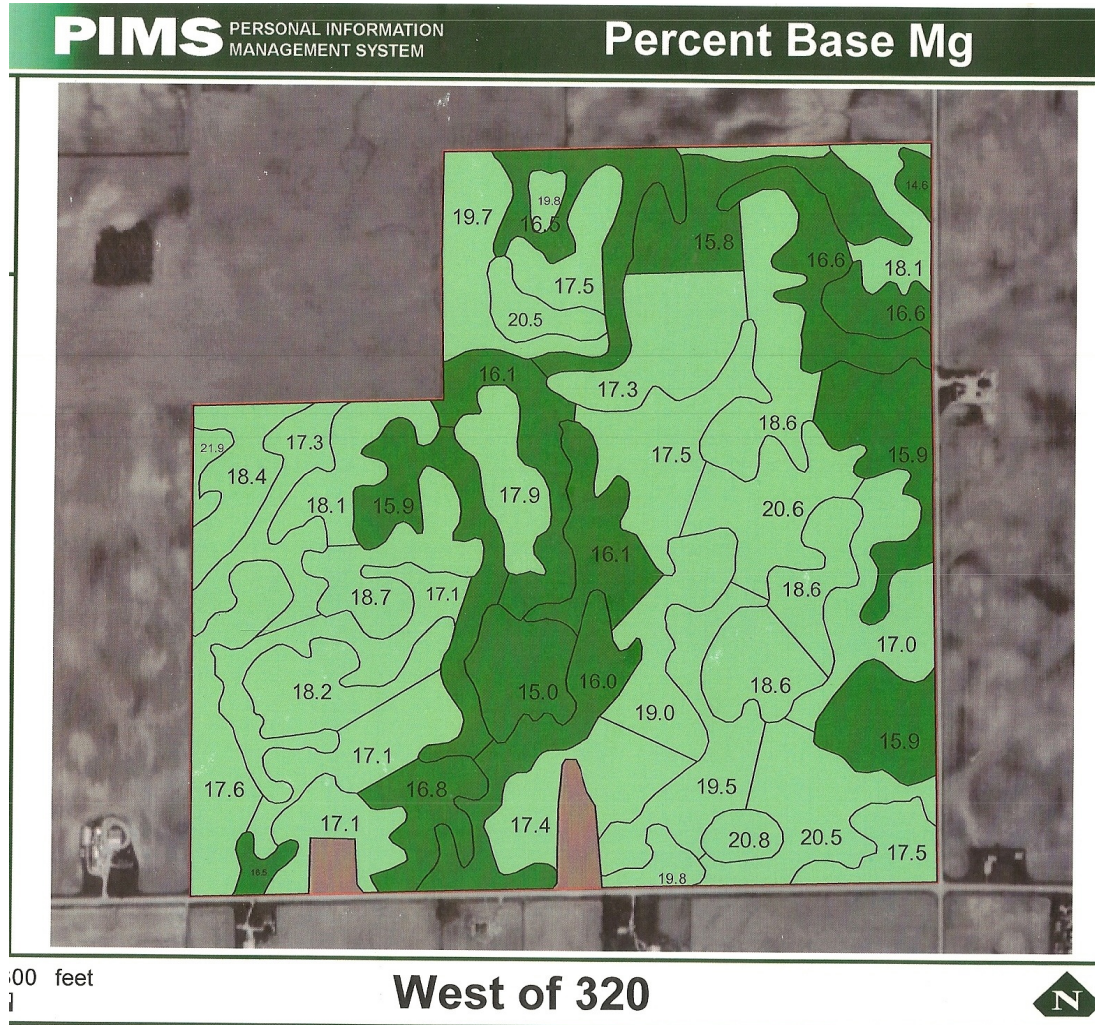
Jack Maloney
Brownsburg, IN



Jack Maloney, Little Ireland Farm Brownsburg, Indiana



Magnesium -- 2005



Client: Little Ireland Farm Inc.
Field: West 320
State: IN ,County: Boone
Township: Jackson
Township#: T17N, Range#:
R2W
Section: 8

Base Mg



2011



0 110 220 330 440 Feet

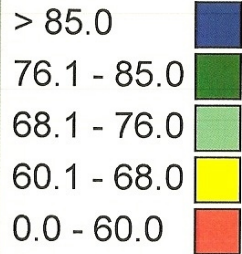
West 320 (Percent Base Mg)



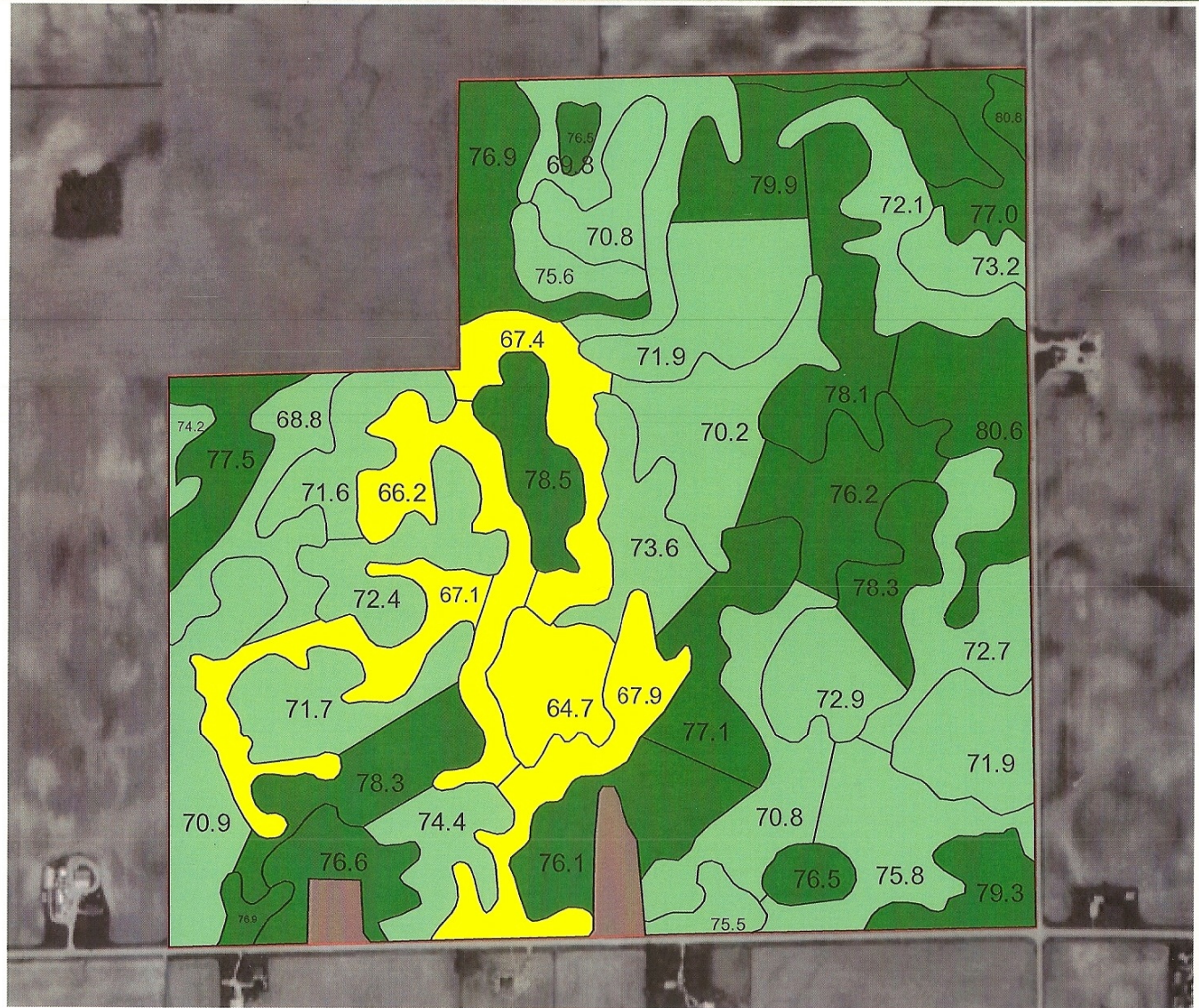


Customer: Little Ireland Farm
Inc
Field: West of 320
Acres: 318.3
Tillable Acres: 313.7

Base Ca



2005



0 650 1300 feet

West of 320



Client: Little Ireland Farm Inc.
Field: West 320
State: IN ,County: Boone
Township: Jackson
Township#: T17N, Range#:
R2W
Section: 8

Base Ca

-  > 85%
-  76.1% - 85.0%
-  68.1% - 76.0%
-  60.1% - 68.0%
-  0.0% - 60.0%

2011



0 110 220 330 440 Feet

West 320 (Percent Base Ca)



Financial Analysis

	<u>Gypsoil System</u>	<u>Conventional System</u>
Yield Check	150bu/a	123 bu/a
Yield Difference	27 bu/a	
Bushel Value	@ \$6.00/bu*	
Yield Difference Value*	\$162/acre	
Input Savings**	\$84	
Total Gypsoil System Benefit	\$246/acre++	

*(2008 Data Equalized to 2011 Values)

** (Tillage, equipment, fuel, labor, fertilizer efficiency)

Questions?

2. Find a team to use for support

- Put a team of professionals together that you trust



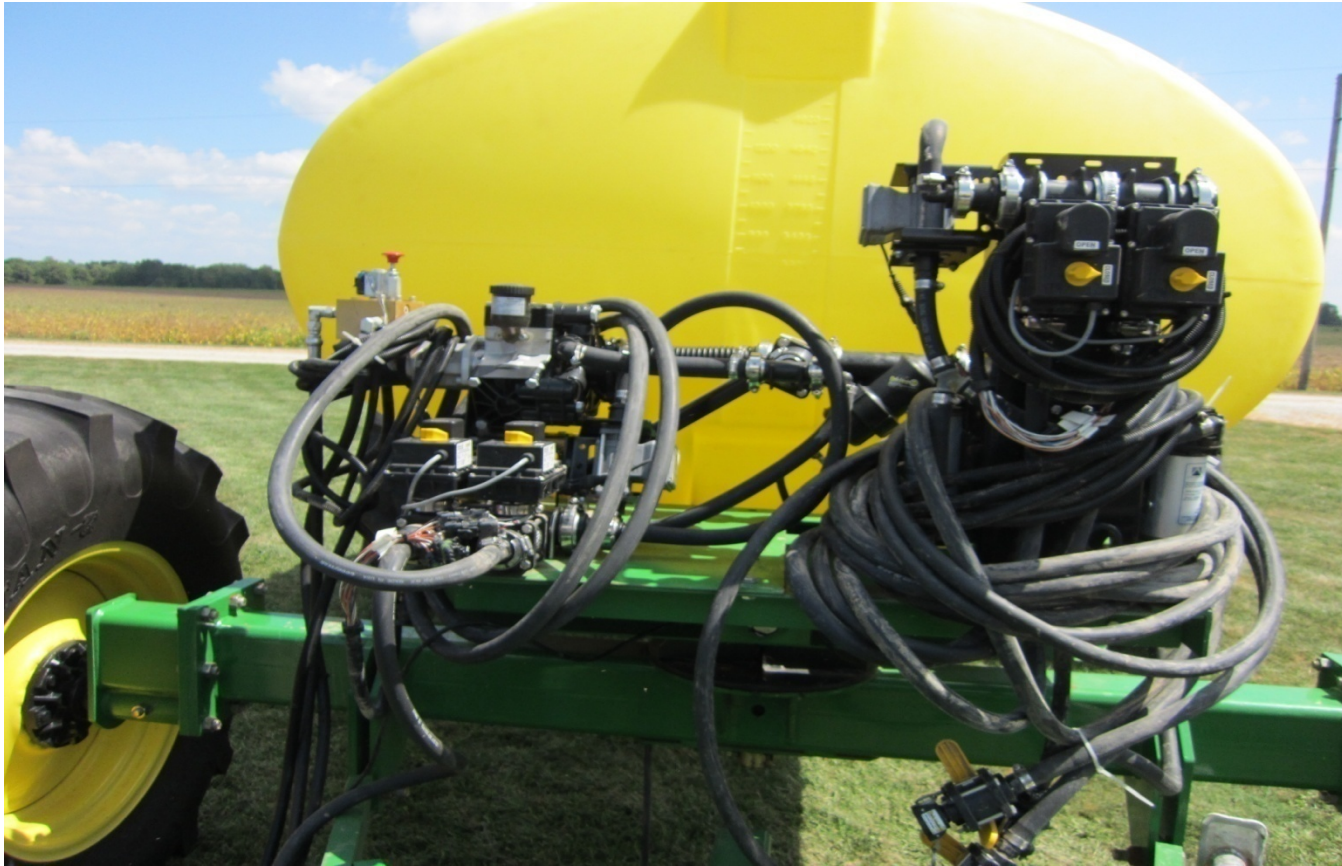
3. Have a current soil test.

- Accurate
- Soil type or Yield Zone

4. Start on well tiled soils



5. Own the right equipment



6. Planter setup is critical



7. Soil biology



8. Cover crops



9. Keep good records

- Set goals
- Create a baseline
- Geo-reference
- Yield mapping

2010 Sampling Zones

nd Farm Inc.

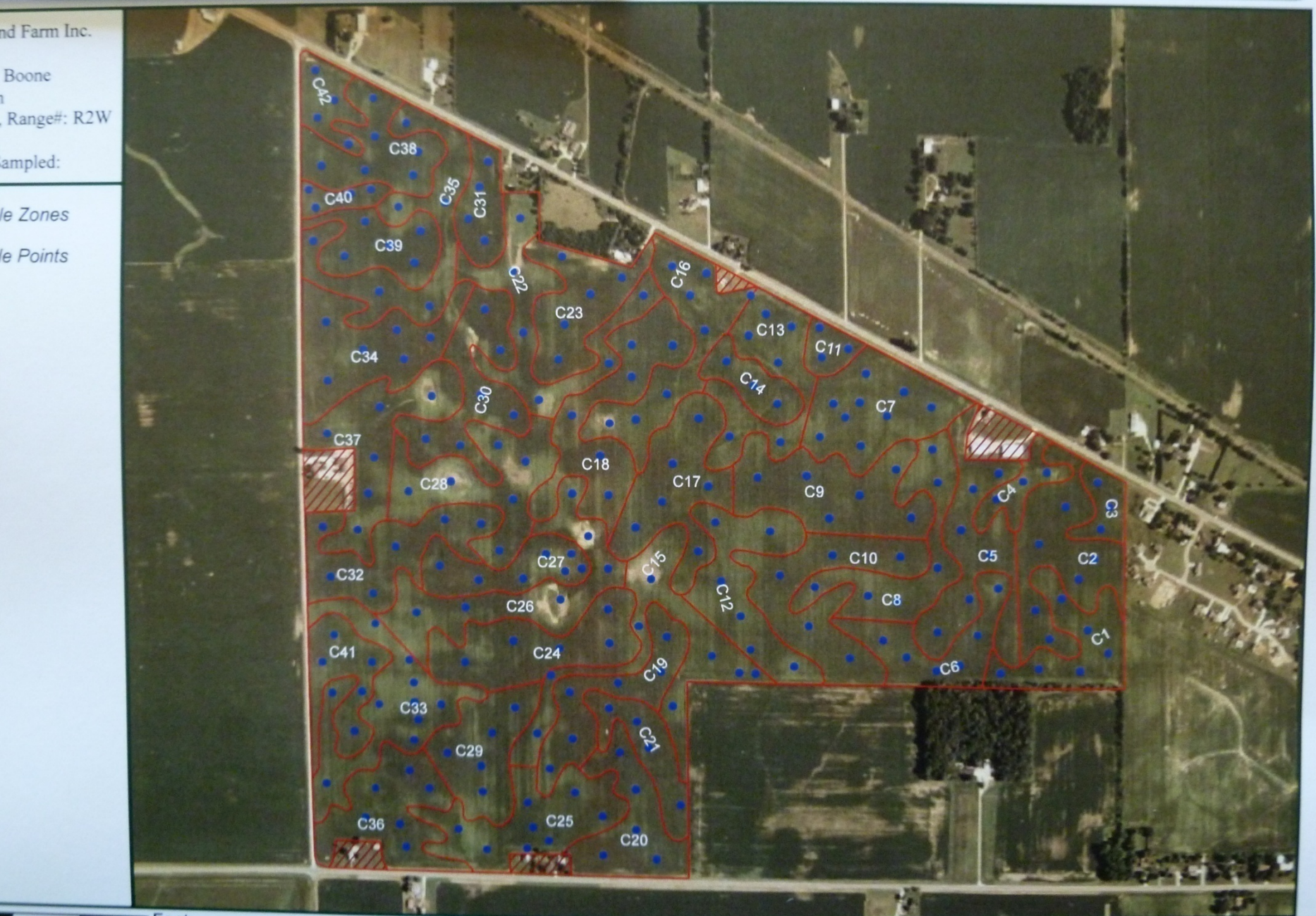
Boone

Range#: R2W

ampled:

le Zones

le Points









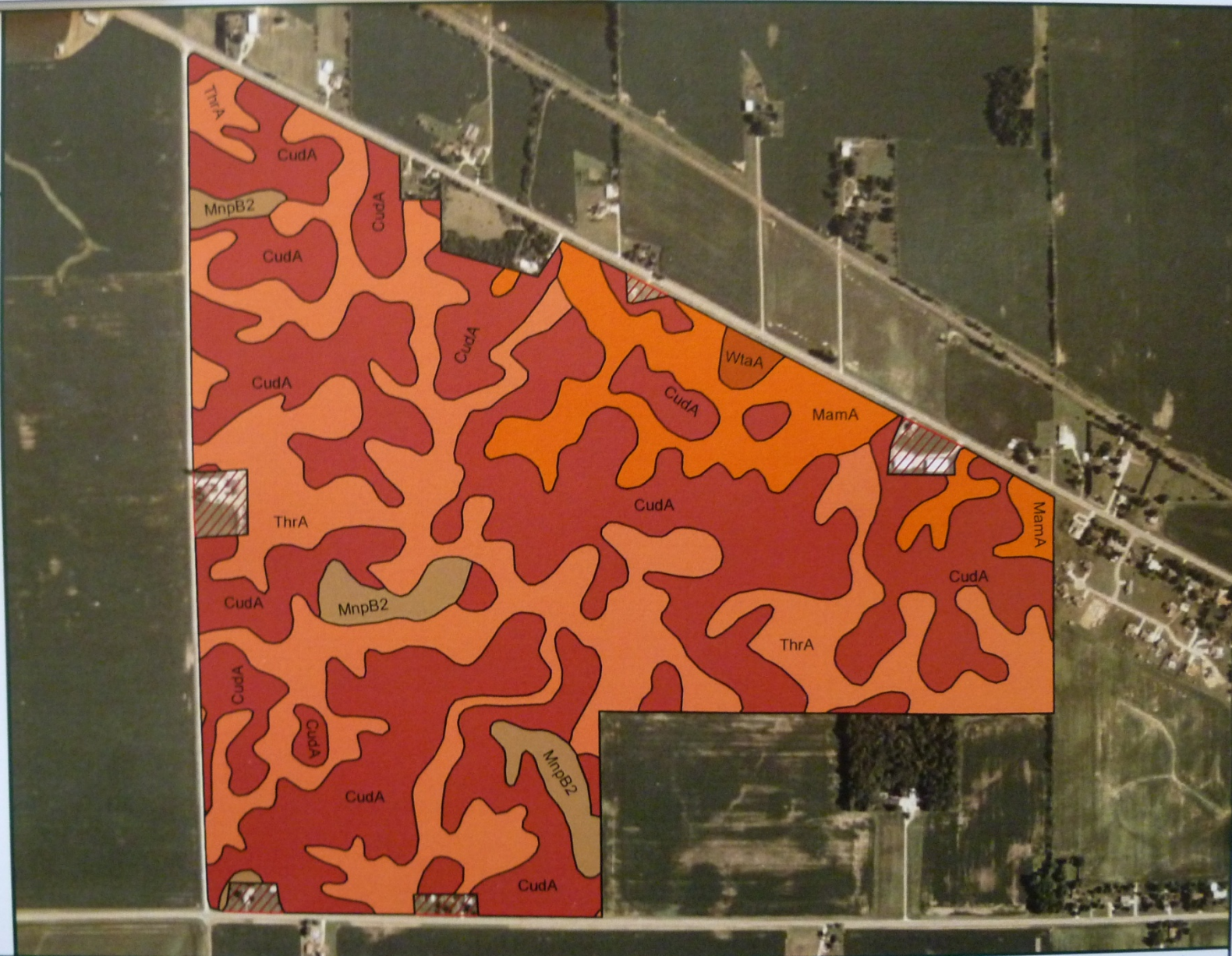
Feet
520 780 1040

2010 Soil Types

Client: Little Ireland Farm Inc.
Field: FE Home
State: IN, County: Boone
Township: Jackson
Township#: T17N, Range#: R2W
Section: 9
Total: 387.67 ac, Tillable: 378.99

Soil Types

	ThrA
	CudA
	MamA
	MnpB2
	WtaA
	WofB



FE Home (Soil Types)



10. Be Patient

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Les Seiler
Fayette, OH

