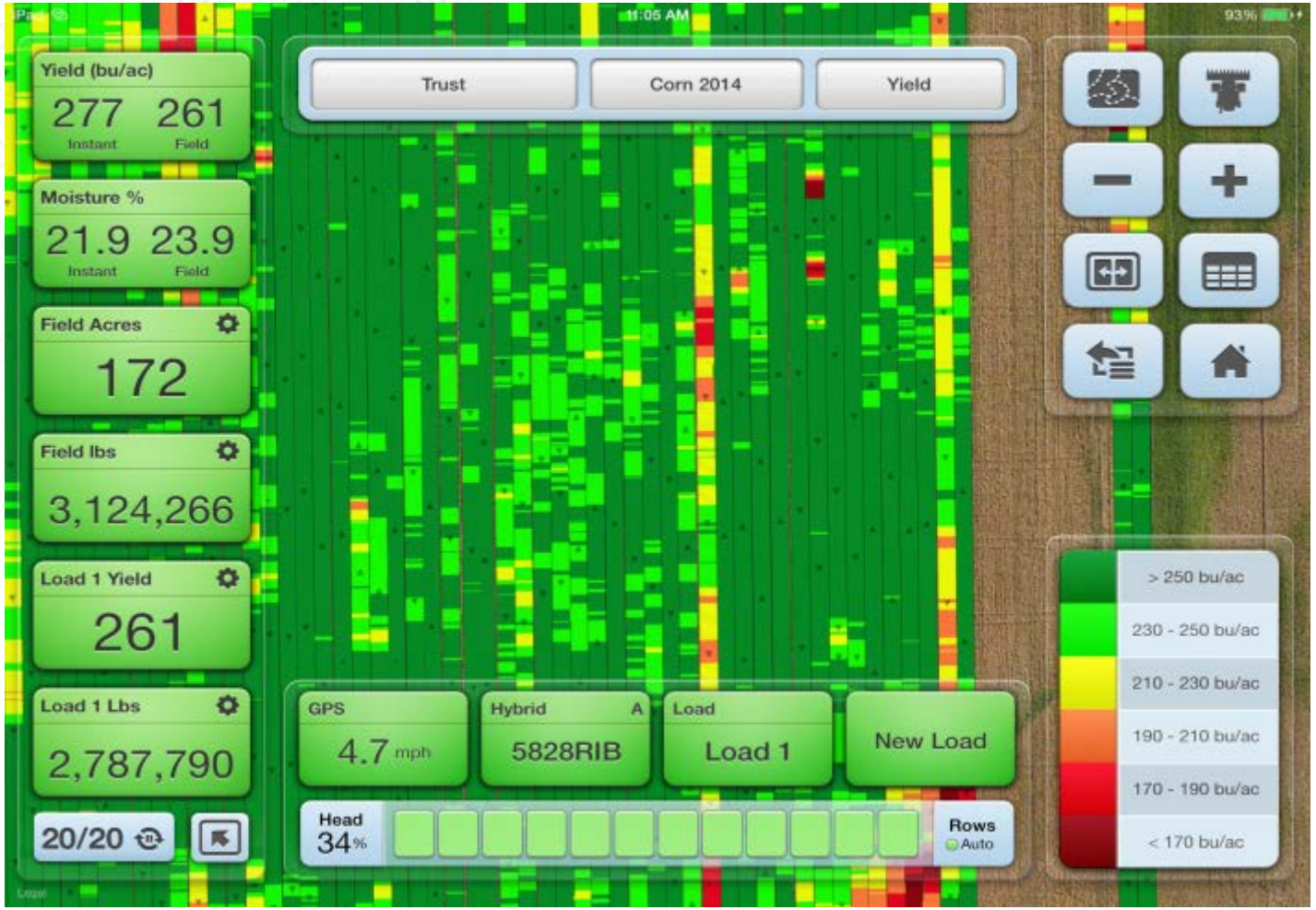
A SYSTEMS APPROACH

Peaks & Valleys

Peaks & Valleys



SENSE DECIDE APPLY

SENSE

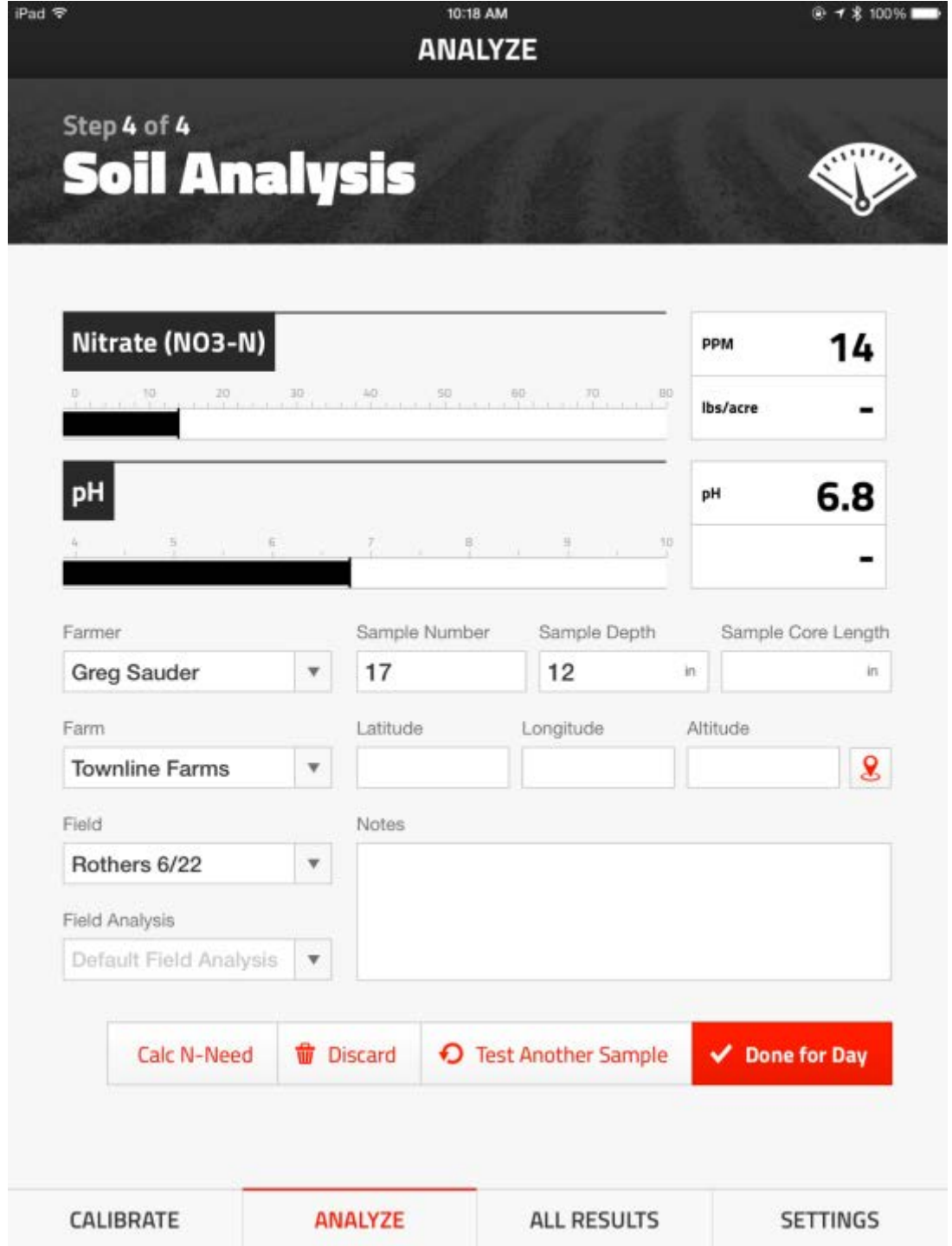
SENSE

360 YIELD CENTER™

360 SOILSCAN™

360 YIELD CENTER™

360 SOILSCAN™


iPad
10:18 AM
100%
ANALYZE
Step 4 of 4
Soil Analysis
Nitrate (NO3-N)
0 10 20 30 40 50 60 70 80
PPM 14
lbs/acre -
pH
4 5 6 7 8 9 10
pH 6.8
-
Farmer
Greg Sauder
Sample Number
17
Sample Depth
12 in
Sample Core Length
in
Farm
Townline Farms
Latitude
Longitude
Altitude
Field
Rothers 6/22
Notes
Field Analysis
Default Field Analysis
Calc N-Need
Discard
Test Another Sample
Done for Day
CALIBRATE
ANALYZE
ALL RESULTS
SETTINGS

Estimated Corn N-Need

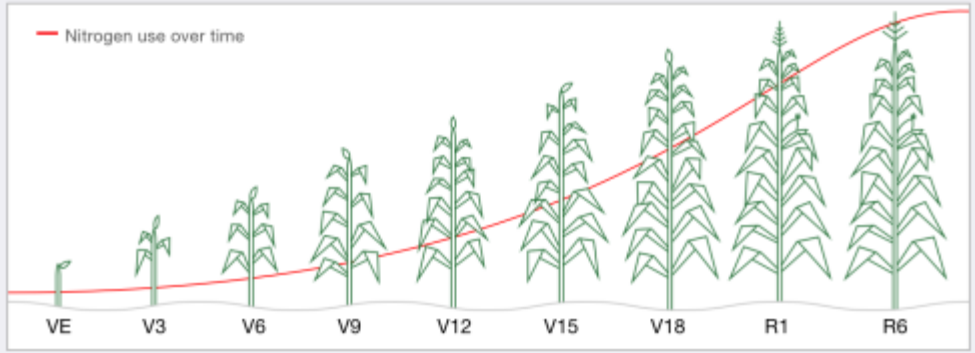
1. Enter yield potential:

220 bu/acre

Your soil analysis nitrogen results

4 PPM | Core Length 12 in

2. Select growth stage when the soil sample was taken



V12

Twelve leaves with collar visible
At this stage, your crop has used 37% of its total Nitrogen need.

How to Determine Growth Stages >

3. Enter your soil's organic matter:

2.8 % organic matter

Results

Done

Estimated additional:
107 lbs of N per acre

Does not account for future loss, previous crop, other N forms and other factors that could affect N use. Factors such as environmental conditions, soil type, slope, etc. should be figured into your actual plan. This is not a recommendation, but a starting point as you determine your N plan. We recommend at least 12" cores.

High Zone

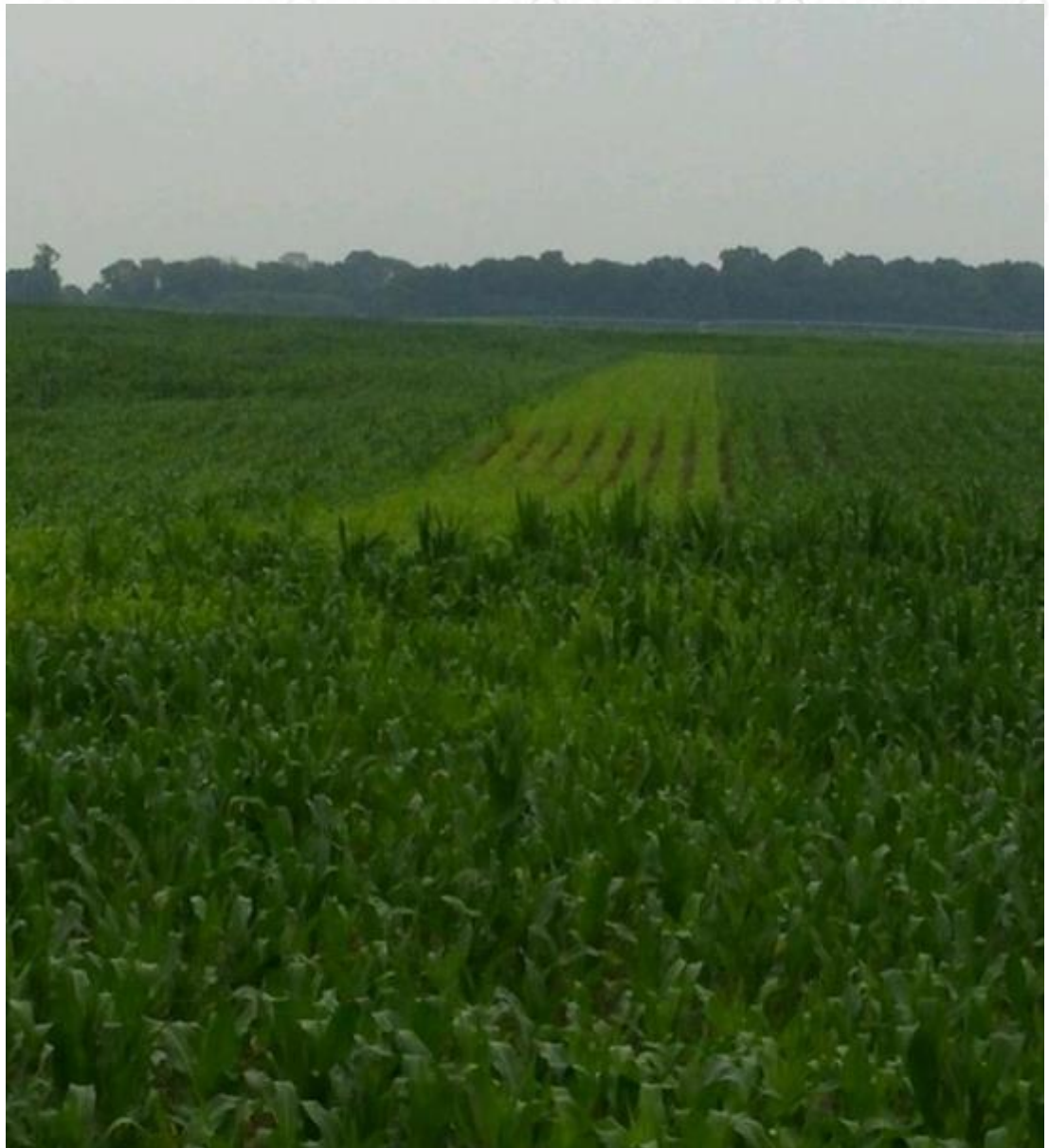
224.01 Bu/Ac

Low Zone

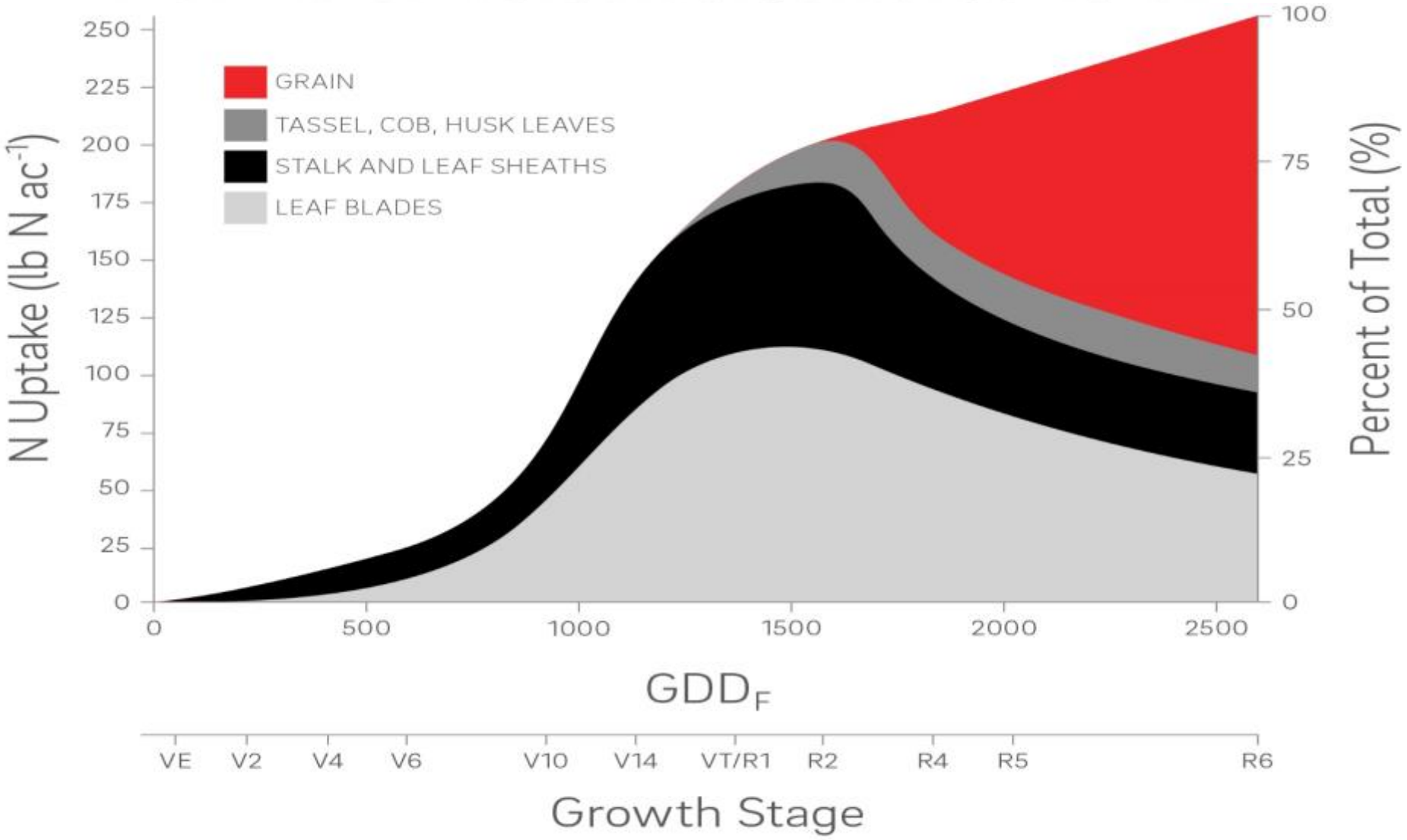
196.5 Bu/Ac

High Zone

Low Zone



APPLY

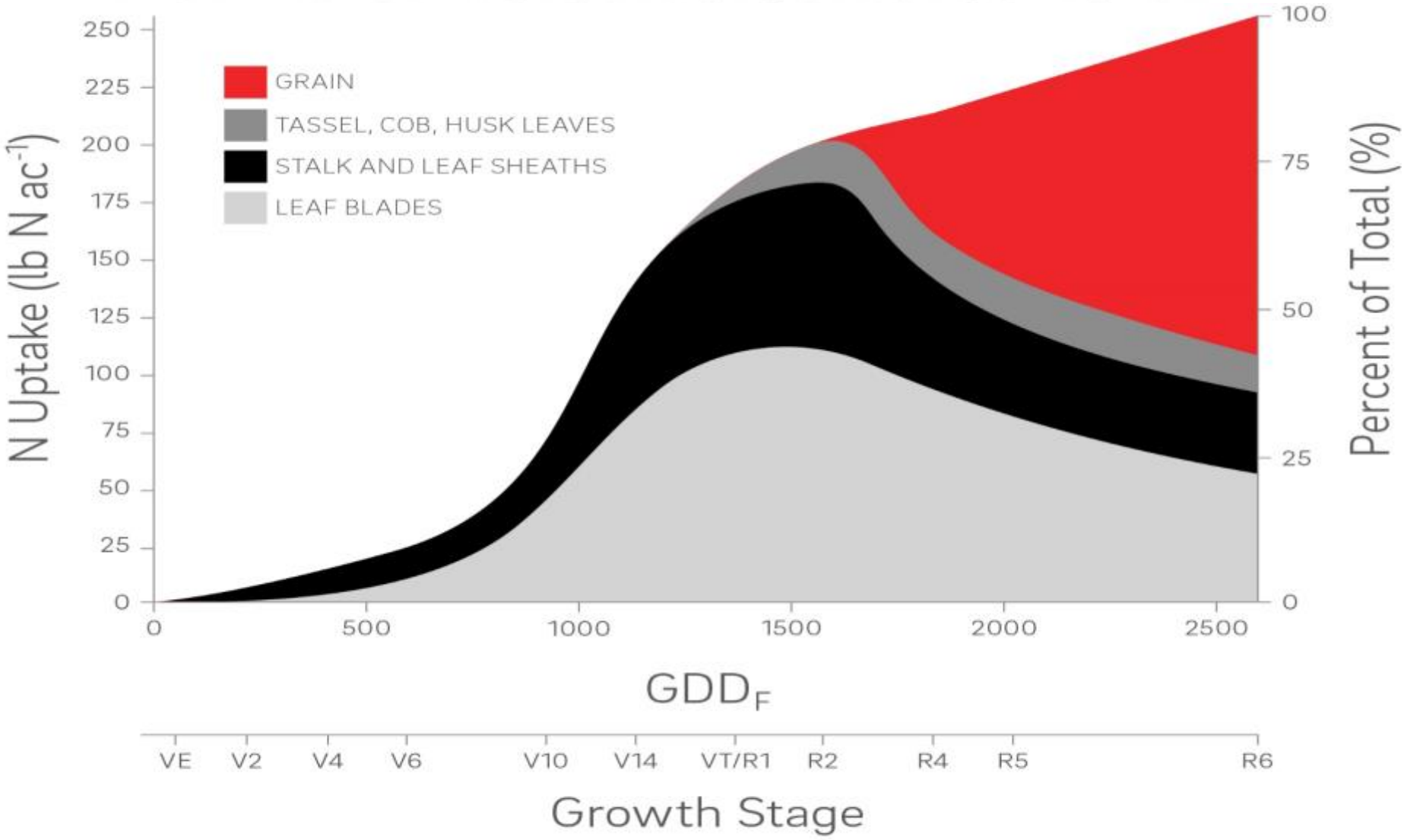


Bendera, RR, Haegele, JW, Ruffo, ML, Below, FE. Nutrient Uptake, Partitioning, and Remobilization in Modern, Transgenic Insect-Protected Maize Hybrids. *Agronomy Journal* 2012; 105(1): 161-160.

WHY?

WHY?

APPLY



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360 YIELD CENTER™

360 Y-DROP™

360 YIELD CENTER™

360 Y-DROP™

PLACEMENT MATTERS!!

- 360 Y-DROP precisely places N within 2” to 3” of the stalk
- The physiology of the corn plant funnels rain and dew to the base of a stalk
- This unique structure “multiplies” rain and dew

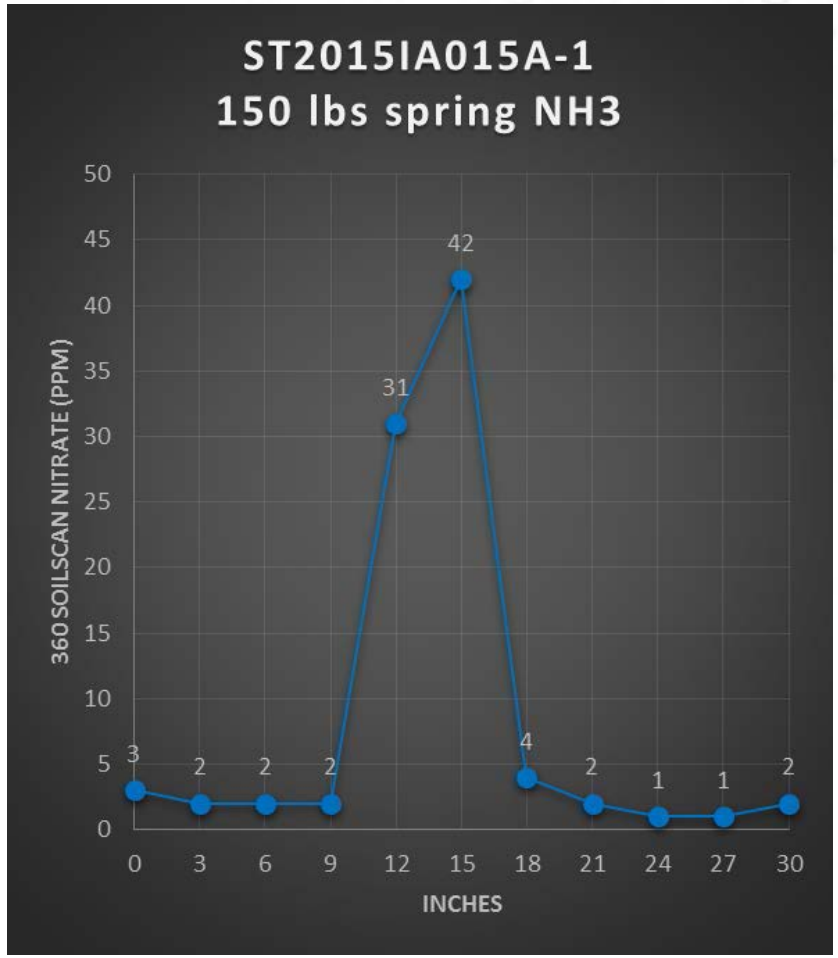
STEM WATER INCORPORATES N. WHERE THE CROP NEEDS IT.

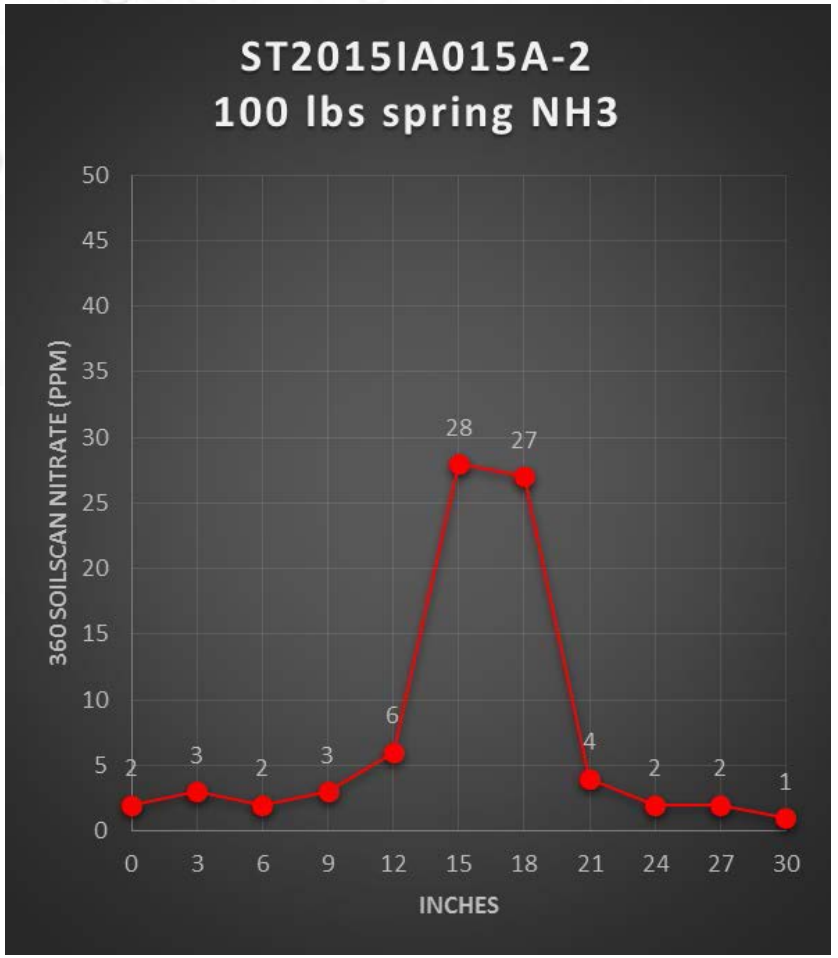
- It only takes 0.1” to 0.5” of moisture to incorporate N into the soil
- A 0.1” of rain = 0.5” at the base of the stalk (**1/5 ratio**)
- Heavy dews and rain incorporate N into the soil effectively after the crop canopies

Middle of the Row = Dry Dirt

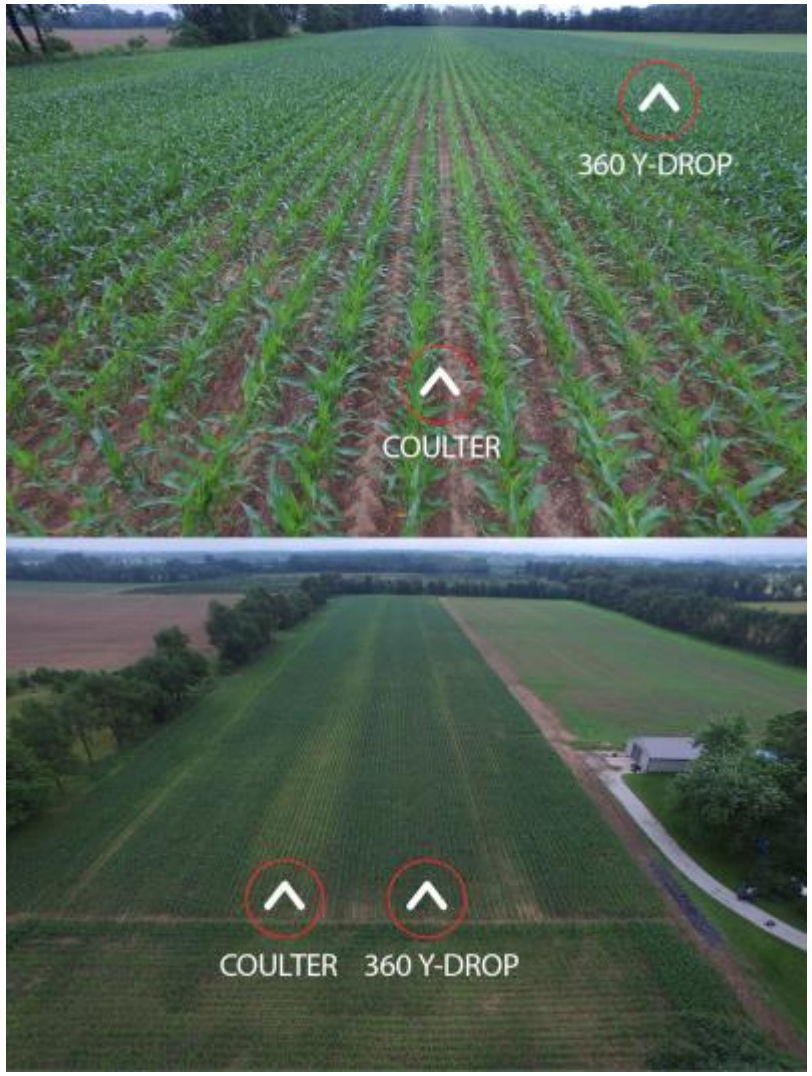
360 Y-DROP

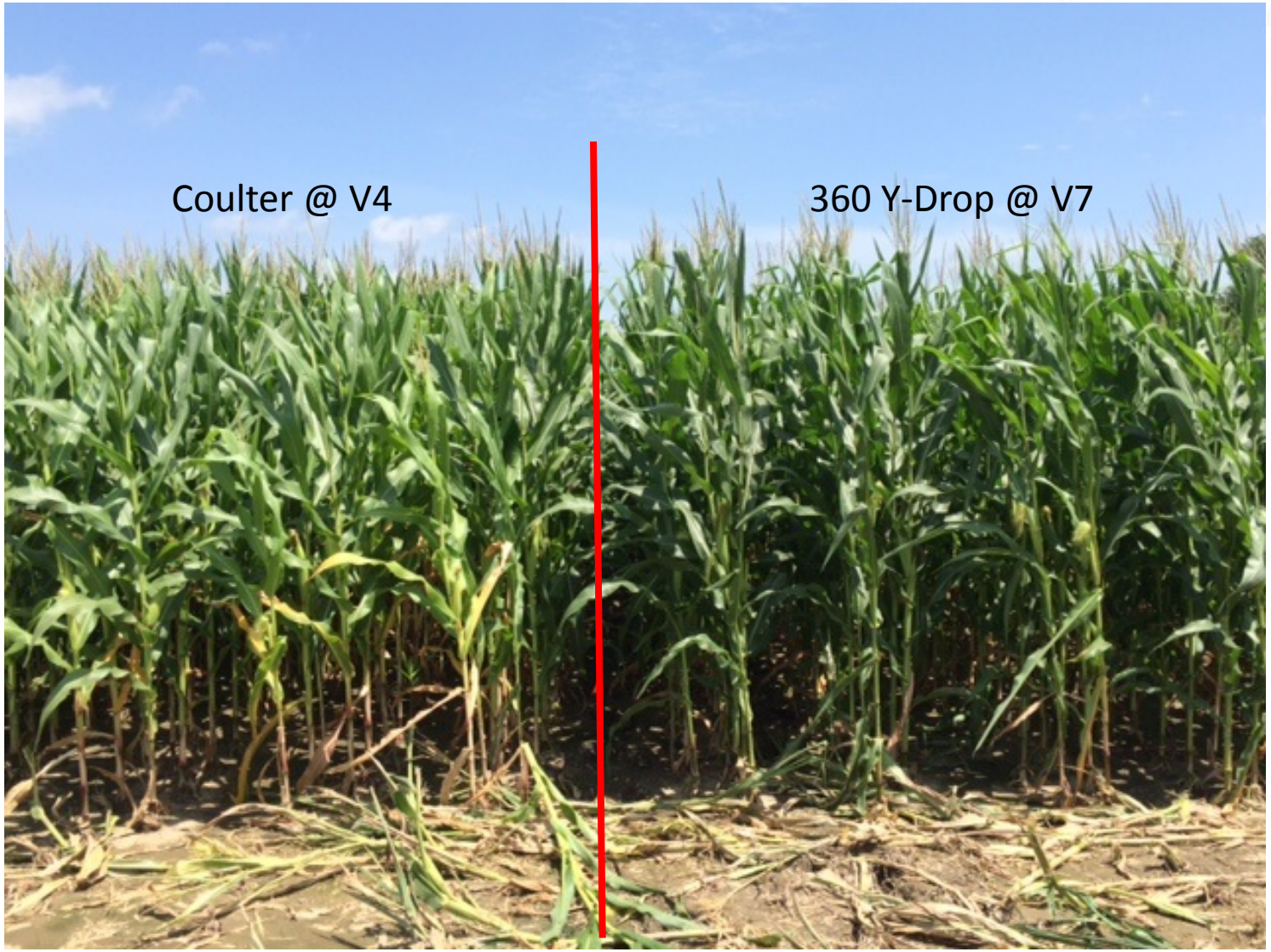
IOWA SOYBEAN ASSOCIATION – ON FARM NETWORK





PLACEMENT AFFECTS UTILIZATION

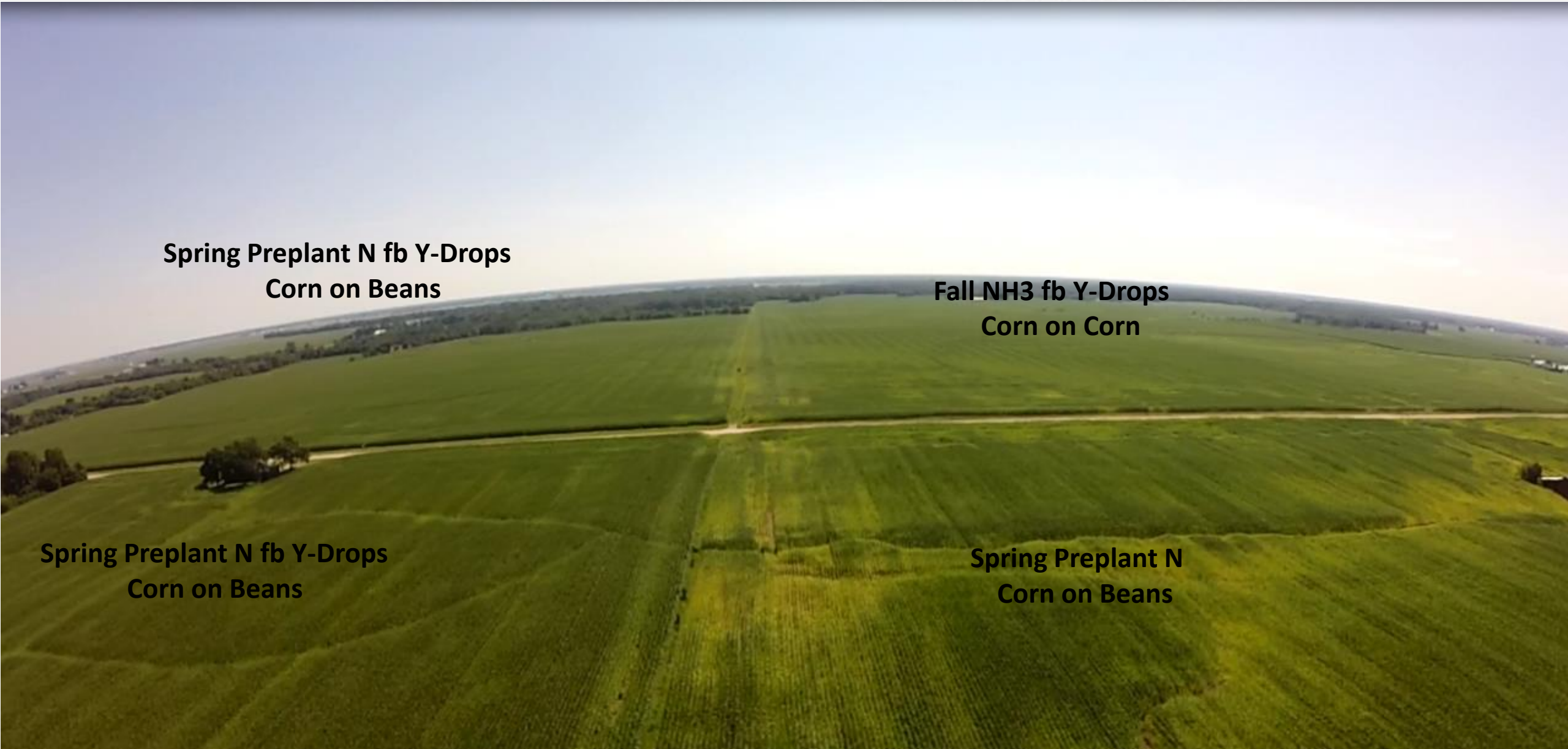



Coulter @ V4
360 Y-Drop @ V7

WIDEN THE WINDOW

V13 PRIAXOR TRIAL

TIMING MATTERS!!




150# N
NH3 Preplant
50# N w/Planter
50# N w/Planter
150# N w/Y-Drop
@ V6
50# N w/Planter
150# N w/Y-Drop
@ V12
200# N
NH3 Preplant


SKYWALKER

THANK YOU

360 YIELD CENTER™

360 Y-DROP™

BOTTOM UP STRATEGY FOR BETTER EFFICACY