

One Strip. Better Answers.

Test a management practice on your farm with a simple, practical approach.

YOUR FIELD



	Yield response (tons/acre)	Yield stability zones			
		Q1 (%)	Q2 (%)	Q3 (%)	Q4 (%)
	Spatial points	750	251	239	697
Benefit	≥2.5	0	0	1	2
	2.25 – 2.5	0	0	4	6
	2 – 2.25	0	0	12	17
	1.75 – 2	1	0	27	36
	1.5 – 1.75	5	2	49	59
	1.25 – 1.5	15	6	71	80
	1 – 1.25	33	19	87	92
	0.75 – 1	55	40	96	98
	0.5 – 0.75	76	65	99	100
Loss	0.25 – 0.5	90	85	100	100
	0 – 0.25	97	95	100	100

■ High (>80 %)
 ■ Somewhat (60 % - 80 %)
 ■ Neutral (40 % - 60 %)
 ■ Low (20 % - 40 %)
 ■ Not confident (< 20 %)

SSEA Confidence Chart



Treatment benefits were larger in low-yielding zones

There was high confidence (≥80%) that the treatment increased yield by up to **1.25 tons/acre in low-yielding zones (Q3–Q4)**, compared with up to **0.5 tons/acre in high-yielding zones (Q1–Q2)**.

Q1: high and stable; Q2: high and variable
Q3: low and stable; Q4: low and variable

Implemet Strip



Harvest normally (Yield monitor)



Share yield data



WHERE?

See where a practice works: zone-specific results



HOW MUCH?

Evaluate the magnitude of yield increments or penalties, per zone

\$ WORTH IT?

Measure if the yield responses justify the cost of a practice

What you do:

- Choose field and question
- Apply a treatment strip
- Harvest as usual
- Share yield monitor data

What we take care of:

- Help with strip location
- Clean yield monitor data
- Spatial analysis of yield
- Generate farmer reports

Have questions to test?

Sidedress nitrogen? | Seeding rate? | Cover crops? | Manure? | Fertilizer? | Tillage? | Other management practices?

"Multiple years with the SSEA being used has helped us tune in where we could be improving nutrient placement, need for additional or reduced rates, and the impact plant population has on our fields. The practicality and ease of use this approach has makes it a welcome trial on a busy farm" – Participating farmer

Got a research question? Let's test it!

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