

2019 LEGEND SEEDS ENVITA™ YIELD DATA RESULTS

In 2019, Legend Seeds introduced Envita, a nitrogen fixing solution that fundamentally changes the nitrogen equation on your farm. Primarily applied in-furrow, Envita colonizes and lives in above and below ground tissues to enable nitrogen fixation throughout the plant. The below results depict corn yield data from Legend Seeds plots across our footprint.

Locations include sites from IA, WI, MN, ND, and SD

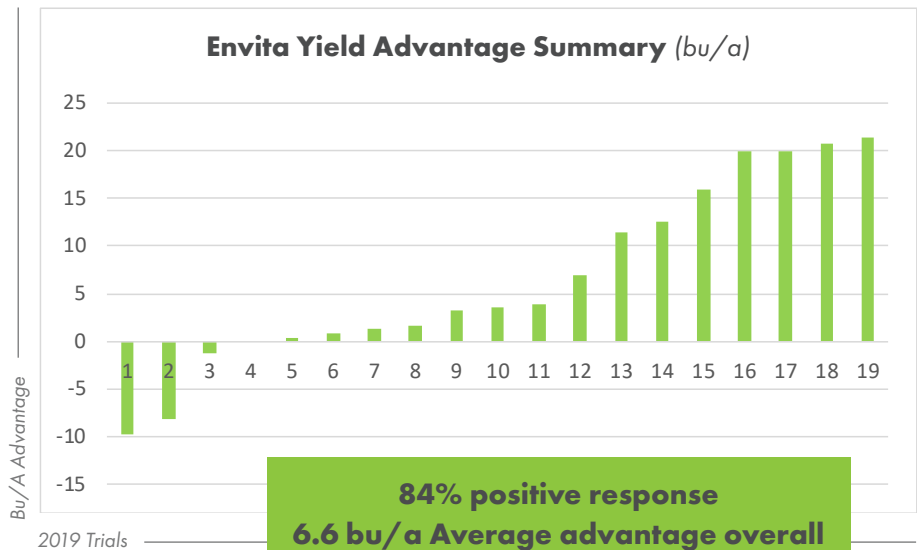
OBSERVATIONS:

Notes from Legend Seed Forage Specialist, John Squire, P.h.D.

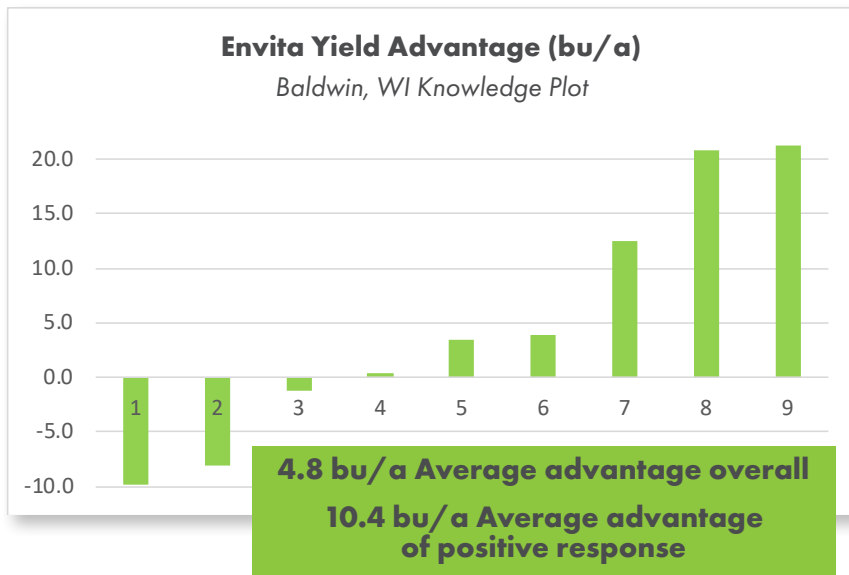
- So far we have 19 reports where Envita was used in-furrow at planting on corn
- There was an 84% positive crop response in those 19 reports
- Of the positive crop responses, there was an average of 9.6 Bu/A yield response
- Overall, there was a 6.6 Bu/A yield advantage

A single site test near Baldwin, WI had the following results:

- 67% positive crop response
- Of the positive crop response, there was an average of 10.4 bu/a yield advantage
- There was a 4.8 bu/a yield advantage overall



84% positive response
6.6 bu/a Average advantage overall
9.6 bu/a Average positive response



4.8 bu/a Average advantage overall
10.4 bu/a Average advantage of positive response

POINTS TO CONSIDER:

- 80% positive crop response is very good when testing widely
- At 3 bu/a yield increase delivers a positive ROI
- In this biological system, a negative crop response suggests something else happened with the crop as it is not likely that the bacteria caused a negative effect on the corn
- Many Envita treated corn crops have displayed visual benefits such as better health, advanced growth stages, and improved root systems

For more information, contact your Legend Seeds rep or contact John Squire, Ph.D at jsquire@legendseeds.net

