



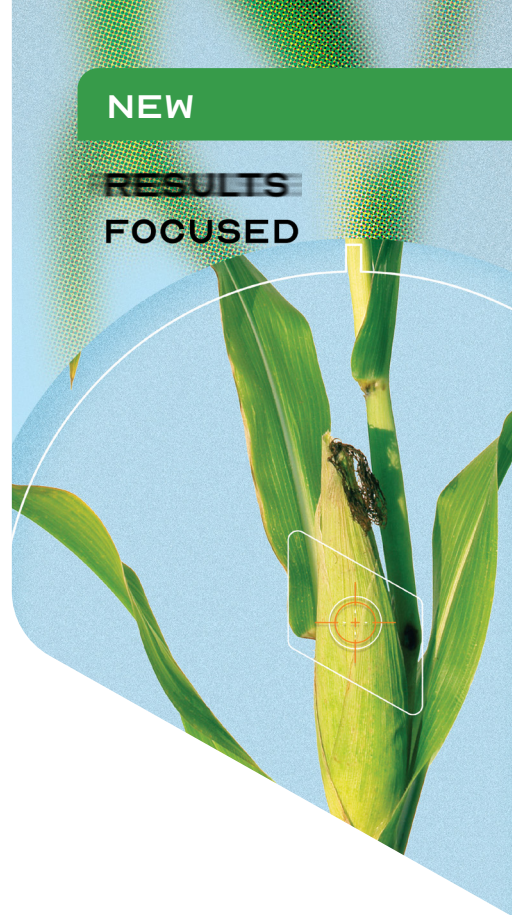
Corn · Soybean

Nitrogen Now. In Every Cell.

A new mode of action for nitrogen fixation in non-legume crops

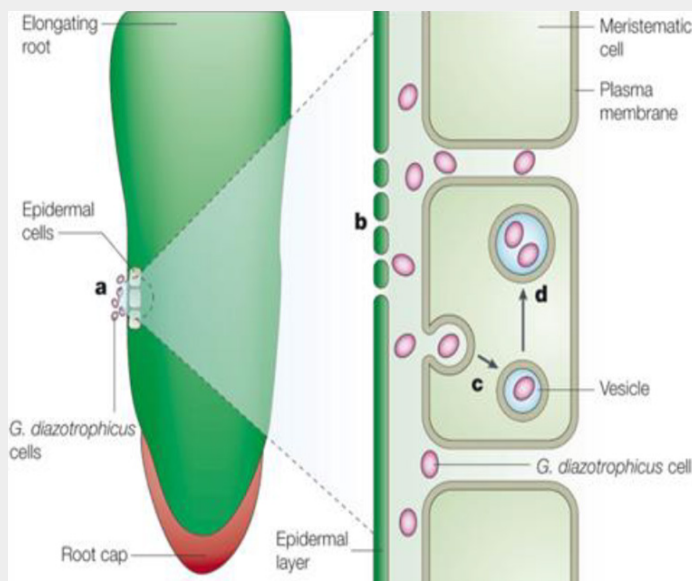
Envita is a naturally occurring bacteria – *Gluconacetobacter diazotrophicus* (Gd), that forms a symbiotic relationship with the host plant and provides nitrogen to every cell in the plant, both above and below ground, throughout the growing season.

Envita brings our customers diversity and flexibility in their nitrogen management program by providing a new alternative to enhance nitrogen fixation. Unique to Envita is its ability to move within plant cells. It is the only bacteria proven to fix nitrogen within the plant cell – exactly where nitrogen is needed for plant growth.



How it Works

- 1 Envita forms a symbiotic relationship with the host plant.
- 2 Once inside the cell, Envita forms a structure called a vesicle (symbiosome). It does not form nodules, but vesicles that mimic nodules and live throughout the plant.
- 3 Nitrogen fixation occurs inside these vesicles.
- 4 Once inside the plant, Envita will replicate and spread through the whole plant, providing an alternative source of nitrogen all season long.



Route of entry into the plant facilitated by bacterial enzymes β -expansin and an endo-1, 4- β -glucanase.

Benefits of Envita



Early establishment and consistent earlier emergence



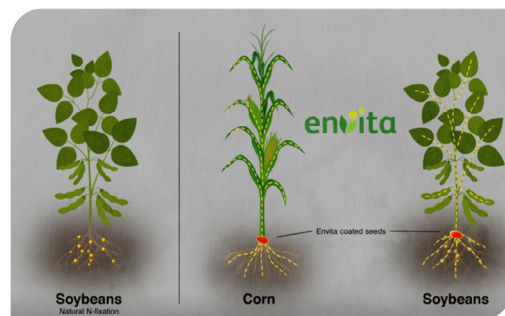
Advanced growth



Increased yield potential

How is Envita different than Rhizobia?

- Envita unlike Rhizobia is not limited by crop type.
- Can fix nitrogen across many different plant species, not just legumes.
- Supplies every cell with its own nitrogen source, unlike rhizobia, which fixes N only in nodules on the roots.
- Starts fixing nitrogen right away – this can help with early establishment.



Application

Please read the label before application for complete use instructions.

Envita in-furrow application – corn and soybean

- 1 x 3.78 L jug treats 40 acres
- 95 ml/ac
- Case treats 160 acres
- Can be applied with liquid fertilizer

Envita foliar application – corn and soybean

- 1 x 3.78 L jug treats 40 acres
- 95 ml/ac
- Case treats 160 acres
- Can be applied with herbicides & fungicides



Performance Guarantee Program

Giving farmers an easy, risk-free way to try Envita.

Learn more azotic-na.com/guarantee-in-furrow

The Envita Performance Guarantee Program is available for Corn and Soybeans. For terms and conditions, please contact program support at info@envitasupport.com.



Contact your local NexusBioAg sales representative or visit nexusbioag.com to learn how Envita fixes atmospheric nitrogen to a usable form in non-legume crops.

Your Solution for Crop Nutrition

NexusBioAg