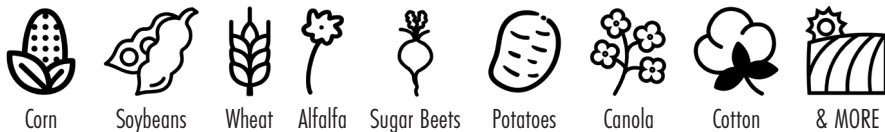


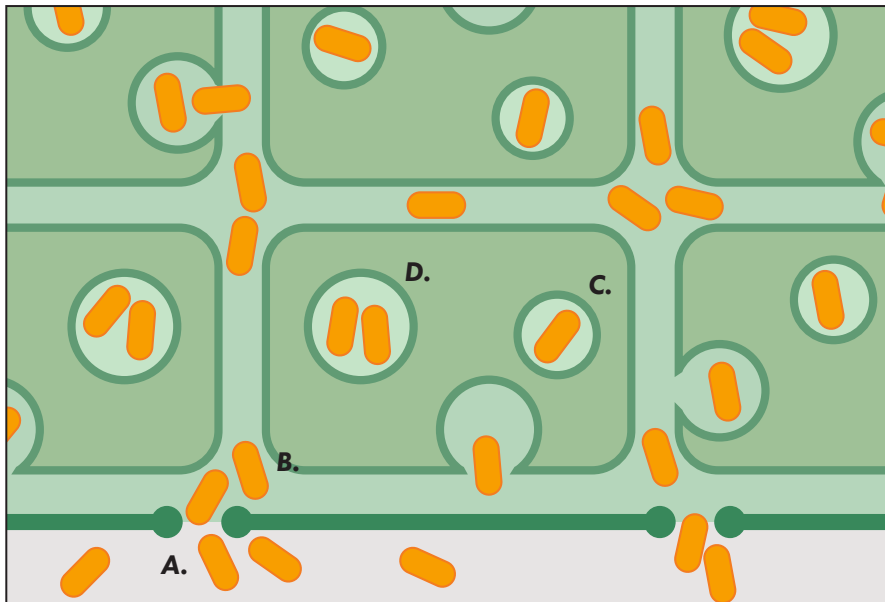


BEST PRACTICES GUIDE

MULTI CROP USE



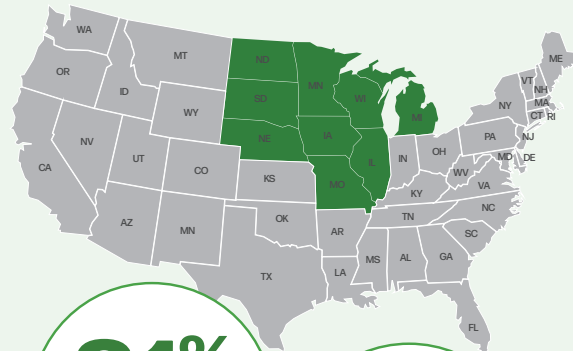
How Envita works:



- A.** Envita enters the plant through the root zone (in-furrow application) or leaf stomata (foliar application)
- B.** Envita bacteria works its way into the plant cell and colonies within the actual cell
- C.** Envita bacteria creates small vesicles or "air pockets" within the plant cell that have the ability of capturing nitrogen from the atmosphere
- D.** Envita repopulates within the cell

The only N-fixing bacteria that works from within the plant, applied in furrow OR foliar, and across crops to supplement nitrogen where and when it's needed.

*BACKED BY A
PERFORMANCE GUARANTEE!*



81%

POSITIVE RESPONSE

8.0

Bu/Acre

ADVANTAGE

- 101 Data Points Reported
- 3 year data from 2019 - 2021

Results may vary by location and growing conditions.





In Furrow

Rate fl. oz./acre	Life in Solution	Shelf Life	Storage Temp (F)	Storage Conditions
3.2	4-6 Hours	Up to 12 months when properly stored	39-76°	Keep Out of Sun

Compatibility	Approved	Not Approved	Recommended Water GPA
10-34-0	X		2.5 gal
6-24-6	X		1 gal
Chelated Zinc	X		
Ammoniated Zinc		X	
Insecticides	X		

Application

Step 1	Load starter fertilizer into application tank
Step 2	Load 1-2.5 gallons of water/acre into application tank. <i>Low salt fertilizers require less water, while higher salt fertilizer, such as 10-34-0, require higher levels of water to buffer the salt's impact on bacteria</i>
Step 3	Load 3.2 oz/acre of Envita into fertilizer/water mixture in the application tank <i>1 gallon of Envita treats 40 acres</i>

Notes

- The amount of time Envita is tank mixed with fertilizer is critical to the success of the product
- For best results, apply mixture within 4-6 hours of mixing
- Envita contains living organisms; therefore, the product may have an odor and is perishable
- Do not freeze



Rate fl. oz./acre	Life in Solution	Shelf Life	Storage Temp (F)	Storage Conditions
3.2	4-6 Hours	Up to 12 months when properly stored	39-76°	Keep Out of Sun

Compatibility	Approved	Not Approved
Glyphosate	X	
Glufosinate	X	
Group 4 Herbicides	X	Best mixed & applied right away. Ok up to 4 hours
Most Other Herbicides	X	
Fungicides	X	
Insecticides	X	
Urea		X
28% or 32%		X

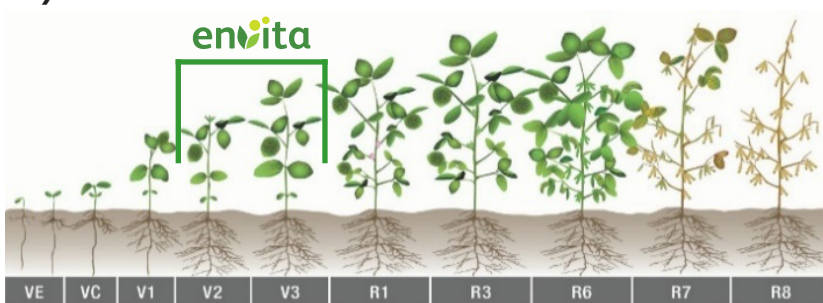
Application	
Step 1	Load water into application tank - 15-20 gal/ac is recommended when applying Envita
Step 2	Load adjuvants, compatible herbicides, fungicides, & insecticides
Step 3	Load 3.2 oz/acre of Envita into mixture in the application tank - 1 gallon of Envita treats 40 acres

Notes

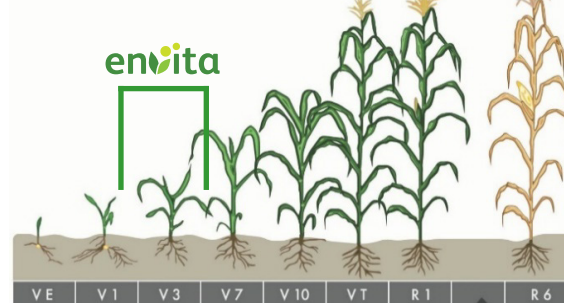
- The amount of time Envita is tank mixed with pesticides is critical to the success of the product
- For best results, apply mixture within 4-6 hours of mixing
- Envita contains living organisms; therefore, the product may have an odor and is perishable
- Do not freeze
- Use a surfactant for best results
- Avoid applying during high heat, low humidity








Application Timing

Soybean: V2-V4



Corn: V2-V6



CROP	APPLICATION RATE	APPLICATION METHOD	APPLICATION TIMING	PERFORMANCE GUARANTEE	PERFORMANCE OBSERVATIONS
 Corn	3.2 oz/acre	In Furrow or Foliar	V2 - V6	2.5 Bu/Acre	Three years of trials consisting of over 100 data points with an 81% win rate. Average yield increase of 8.0 bu/acre when positive response is achieved.
 Soybeans	3.2 oz/acre	In Furrow or Foliar	V2 - V4	1.5 Bu/Acre	Two years of trials consisting of over 25 data points showed an average of 3.7 bu/acre increase when a positive response was achieved. Receiving moisture during podfill will increase the chances of a positive response.
 Wheat	3.2 oz/acre	In Furrow or Foliar	Tillering or Flagleaf	2 Bu/Acre	Trials have shown an increase in yield of up to 6 - 8 bu/acre. Increases in protein have been the more consistent result. Wheat utilizes late season nitrogen for quality. Applying En-vita as early as possible will help improve the likelihood of yield increases.
 Sorghum	3.2 oz/acre	In Furrow or Foliar	V2 - V6	Not Available	Grower trials in Kansas have shown a 6 bu/acre increase in sorghum when used in furrow. Foliar application would be expected to demonstrate similar results.
 Alfalfa	3.2 oz/acre	Foliar	3-4 inches of regrowth after cut	Not Available	University trials have shown a 4% increase in yield. While the yield increase is enough to provide a positive ROI the biggest benefits on alfalfa have been a 14% increase in the RFV and RFQ demonstrated during the 2021 trials.
 Sugar Beets	3.2 oz/acre	In Furrow or Foliar	3 - 6 Leaf Stage	Not Available	Trials in Idaho have shown up to 2 ton per acre increase in yield. Trials in Michigan have shown a 1 ton per acre advantage.
 Potatoes	3.2 oz/acre	In Furrow or Foliar	3 - 4 Leaf Stage	Not Available	Trials have shown increases ranging from 35 cwt to over 60 cwt per acre. Potatoes may offer the highest return per acre opportunity of all crops.
 Cotton	3.2 oz/acre	In Furrow or Foliar	3 - 6 Leaf Stage	15lbs/ Acre	Initial foliar applied trials in Texas have shown some significant yield increases. Early results on cotton suggest the need for continued trials as the potential for a high ROI may be possible.
 Canola	3.2 oz/acre	In Furrow or Foliar	Rosette Stage	1 Bu/Acre	This is an emerging crop. Due to severe drought in many of the trial locations in 2021 yield results were mixed. Yield increases of around 2 bu/acre were observed in Canada in 2021.