



Instructions for use of foliar application of Envita in USA

Envita® is a nitrogen-fixing solution that allows you to take control of nitrogen utilization on your farm. Applied in-furrow or as a foliar spray, Envita enables cells throughout the plant, including foliage and roots, to fix their own nitrogen and fill the nitrogen gap between crop required and crop available nitrogen. In order to get the best results with Envita, follow these practices.

Envita concentrate comes packaged in a multi-pack box of 4 x 1-gallon jugs. Each gallon of Envita will treat 40 acres when applied as a foliar application. Minimum water volume is 10 gallons/ac.

Envita fits most fertility programs and is easy to use. If you are considering an application method that is not covered below, please contact us at info@envitasupport.com or 1-877-ENVITA1 (1-877-368-4821) for support.

Envita is compatible for tank-mixing with most crop protection products. Some herbicides with 2,4-D or MCPA have antibacterial effects and should be used with caution. To avoid compatibility issues, add Envita to the tank last and apply as quickly as possible.

Envita Mixing Instructions:

1. Shake each 1-gallon Envita jug thoroughly for a minimum of 30 seconds before mixing.
2. If using Envita on its own, apply 3.2 oz/ac in a minimum of 10 gal/ac water volume.
3. If using Envita alone, it is recommended that a non-ionic surfactant be mixed with the spray solution at a minimum rate of 0.1% v/v.
4. If mixing with a crop protection product, follow the label advice for spray adjuvants.
5. If mixing with a pesticide, apply 3.2 oz/ac Envita and use 10 gal/ac or more total volume.
 - Before mixing with any agrichemicals (e.g., a herbicide), check for physical compatibility by doing a jar test.
 - Do not mix concentrated Envita with concentrated agrichemicals. Dilute Envita or agrichemicals with water first.
 - Perform mixes immediately before use. Do not allow mix to sit in the tank.

Mix in the following order:

Option A: **1) Water 2) Envita 3) Agrichemicals 4) Spray adjuvants (if applicable).**

Option B: **1) Water 2) Agrichemicals 3) Envita 4) Spray adjuvants (if applicable).**

See mixing volume examples in Table 1 below.

Treatment	Envita	Pesticide	Water Volume
Envita Only	3.2 fl oz/ac	NA	Minimum 10 gal/ac
Envita + pesticide	3.2 fl oz/ac	Follow pesticide label	Minimum 10 gal/ac*

* Recommend using maximum carrier volume allowed by agrichemical label, with minimum 10 gal/ac recommended. **Do not exceed maximum carrier volume allowed by agrichemical label.**





Crop Specific Recommendations:

Crop	Primary Application Timing*	Crop	Primary Application Timing*
Corn	2-6 leaves	Pulses	2-6 leaves
Soybeans	2-6 leaves	Alfalfa	2-3 inches of regrowth
Canola	2-6 leaves	Potatoes	2-6 leaves
Cereals	2-6 leaves	Sugar Beets	2-6 leaves
Sorghum	2-6 leaves	Cotton	2-6 leaves

*If the primary timing is missed, Envita offers benefits at other timings that suit your management practices.

In order to get the best results with Envita, follow these practices:

- Apply either a) in the morning before drying time is accelerated OR b) later afternoon, after the heat of the day.
- Avoid spraying in temperatures above 77°F.
- Works with most spray systems.
- Do not apply if a rain event is likely in 2 hours after applying Envita.
- **Do Not freeze Envita.** Store and keep Envita out of extreme hot or cold temperatures, ideally out of the sun, in cooler conditions. Large temperature fluctuations should be avoided.

In-furrow and foliar are the recommended application methods. Seed treatment is possible as an over-treatment on corn or a custom treatment on soybeans but requires higher liquid volumes than may be commonly used. Please [contact us](#) if you are considering applying Envita as a seed treatment.

For other crops, timing or if you have further application questions, please contact us at info@envitasupport.com or call 1-877-ENVITA1 (1-877-368-4821).

