

Enrich your crop

syngenta
Biologicals

NITROGEN USE EFFICIENCY



Stay one step ahead of your plant's nitrogen needs with Envita Dry

Envita® Dry is a leading nitrogen-fixing biological featuring the bacteria *Gluconacetobacter diazotrophicus* (Gd) – a naturally occurring food-grade bacteria that enables a unique mode of nitrogen fixation in a wide variety of crops.



For management of:

- Nitrogen use efficiency – nitrogen in the right place at the right time – all season long
- Enables an additional source of nitrogen, increasing the total nitrogen available to the plant.

Storage and Handling:

- Envita Dry contains live organisms. Store and keep Envita Dry in cooler conditions, out of extreme hot or cold temperatures. Large temperature fluctuations should be avoided.
- Do not freeze. Keep out of direct sunlight.
- Do not open a pouch until you intend to apply it and apply the full pouch once opened.
- Envita Dry has a shelf life of two years.

Crop	Crop stage	Application timing	Rate ¹ Water volume	WALES mixing order
Canola (Oilseed)	2 leaf – end of flowering (BBCH 12-69)	Apply either first thing in the morning when stomata are open but before drying time is accelerated, or later in the afternoon after the heat of the day has passed. Avoid evening applications when the stomata are closed. When relative humidity is above 80%, apply between 10-30°C When relative humidity is below 80%, apply between 10-25°C Rainfast in 2 hours	5 g/ac (40 ac/pouch) At least 10-15 gal/ac (100-150 L/ha)	L Put Envita Dry last in the tank. Water → Pesticide → Envita Dry → Spray adjuvants (if applicable)
Cereals	3 leaf – flowering (BBCH 13-69)			
Corn	V2 – VT (BBCH 12-59)			
Forage	5-10 cm of regrowth (BBCH 12-59)			
Potatoes	2 leaf – end of flowering (BBCH 12-69)	Rainfast in 2 hours	At least 10-15 gal/ac (100-150 L/ha)	L Put Envita Dry last in the tank. Water → Pesticide → Envita Dry → Spray adjuvants (if applicable)
Pulses	3 node – flowering			
Soybeans	2 leaf – R1 (flowering) (BBCH 12-60)			



Performance Guarantee

Easy, risk-free way to try Envita Dry*

If the Envita Dry application does not produce the minimum yield increase specified by the manufacturer on approved crops for any given field, Azotic Technologies Limited will replace the product up to the quantity used on that field.*

*Conditions apply – subject to program terms and conditions. See program terms and conditions at <https://azotic-na.com/performance-guarantee-canada>

Approved crops	Yield increase
Corn	2.5 bu/ac
Soybeans, peas, lentils	1.5 bu/ac
Wheat (including durum)	2.0 bu/ac
Canola	1.0 bu/ac
Potatoes	2 cwt
Alfalfa	0.5% CP or 10 pts RFV

Information was shared from Azotic Technologies Limited (the manufacturer of Envita Dry) to Syngenta which changed the recommendations Syngenta is able to make for Envita Dry.

- Envita Dry is best applied solo, with a non-ionic surfactant at 0.1% v/v.
- Should you take a decision to tank mix Envita Dry, be aware of the following: Until a tank mix partner is formally tested in Canada by the manufacturer (Azotic), growers should assume that any tank mix partner may have an adverse effect on *Gluconacetobacter diazotrophicus* ("Gd", the active ingredient in Envita Dry). Testing to date has shown that some formulations, including some formulations of glyphosate, are harmful to Gd in the mix after one hour.
- If you do take a decision to tank-mix Envita Dry, follow the best management practices recommended by Azotic:
 - a. Store Envita Dry in a cool, dry place.
 - b. Envita Dry is best applied alone, with a non-ionic surfactant.
 - c. If putting in a tank mix, please follow the Tank Mix Partner Guidelines from Azotic (the manufacturer), and be sure to put Envita Dry last in the tank;
 - i. Use high volumes of water. Minimum water volume of 10-15 gal/ac.
 - ii. Optimal application temperatures:
 - iii. Above 80% relative humidity: 10-30°C
 - iv. Below 80% relative humidity: 10-25°C



Envita Dry product page

Not all products can be tank mixed with Envita Dry. For compatibility information, visit:
www.syngenta.ca/productsdetail/envita-dry#tank-mix

For more information, visit Syngenta.ca/productsdetail/envita-dry or contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682).

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