



## Instructions for use of foliar application of Encera

Encera™ is a nitrogen-fixing solution that allows you to take control of nitrogen utilisation on your farm. Applied in-furrow or as a foliar spray, Encera 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 Encera, follow these practices.

Encera concentrate comes packaged in a multi-pack box of 4 x 3.78 L jugs. Each jug of Encera will cover 15 ha when applied as a foliar application. Minimum water volume is 100 L/ha.

Encera fits most fertiliser programs and is easy to use. If you are considering an application method that is not covered below, please contact us at [help@azotic.com](mailto:help@azotic.com) for support.

Encera 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 Encera to the tank last and apply as quickly as possible.

### Encera Mixing Instructions:

1. Shake each 3.78L Encera jug thoroughly for a minimum of 30 seconds before mixing.
2. If using Encera on its own, apply 250 ml/ha in a minimum of 100 and up to 400 L/ha volume of water.
3. If using Encera 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 250 ml/ha Encera in a minimum of 100 and up to 400 L/ha total volume.
  - Before mixing with any agrichemicals (e.g., a herbicide), check for physical compatibility by doing a jar test.
  - Do not mix concentrated Encera with concentrated agrichemicals. Dilute Encera 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) Encera 3) Agrichemicals 4) Spray adjuvants (if applicable).**

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

See mixing volume examples in Table 1 below.

Treatment	Encera Rate	Pesticide Rate	Water Volume
Encera Only	250 ml/ha	NA	Minimum 100 L/ha
Encera + pesticide	250 ml/ha	Follow pesticide label	Minimum 100 L/ha*

\* Recommend using maximum carrier volume allowed by agrichemical label with minimum 100 L/ha recommended. **Do not exceed maximum carrier volume allowed by agrichemical label.**





**Crop Specific Recommendations:**

Crop	Primary Application Timing*	Crop	Primary Application Timing*
Maize	BBCH 21-24	Soybeans	BBCH 12-24
Potatoes	BBCH 12-29	Oilseed Rape	BBCH 12-40
Winter and Spring Wheat	BBCH 12-32	Sugar Beets	BBCH 12-40
Winter and Spring Barley	BBCH 12-32	Other Pulses	BBCH 12-24

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

**In order to get the best results with Encera, 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 25°C.
- Works with most spray systems.
- Do not apply if a rain event is likely in 2 hours after applying Encera.
- **Do not freeze Encera.** Store and keep Encera out of extreme hot or cold temperatures, ideally out of the sun, in cooler conditions. Large temperature fluctuations should be avoided.

For other crops, timing, or if you have further application questions, please contact us at [help@azotic.com](mailto:help@azotic.com).

