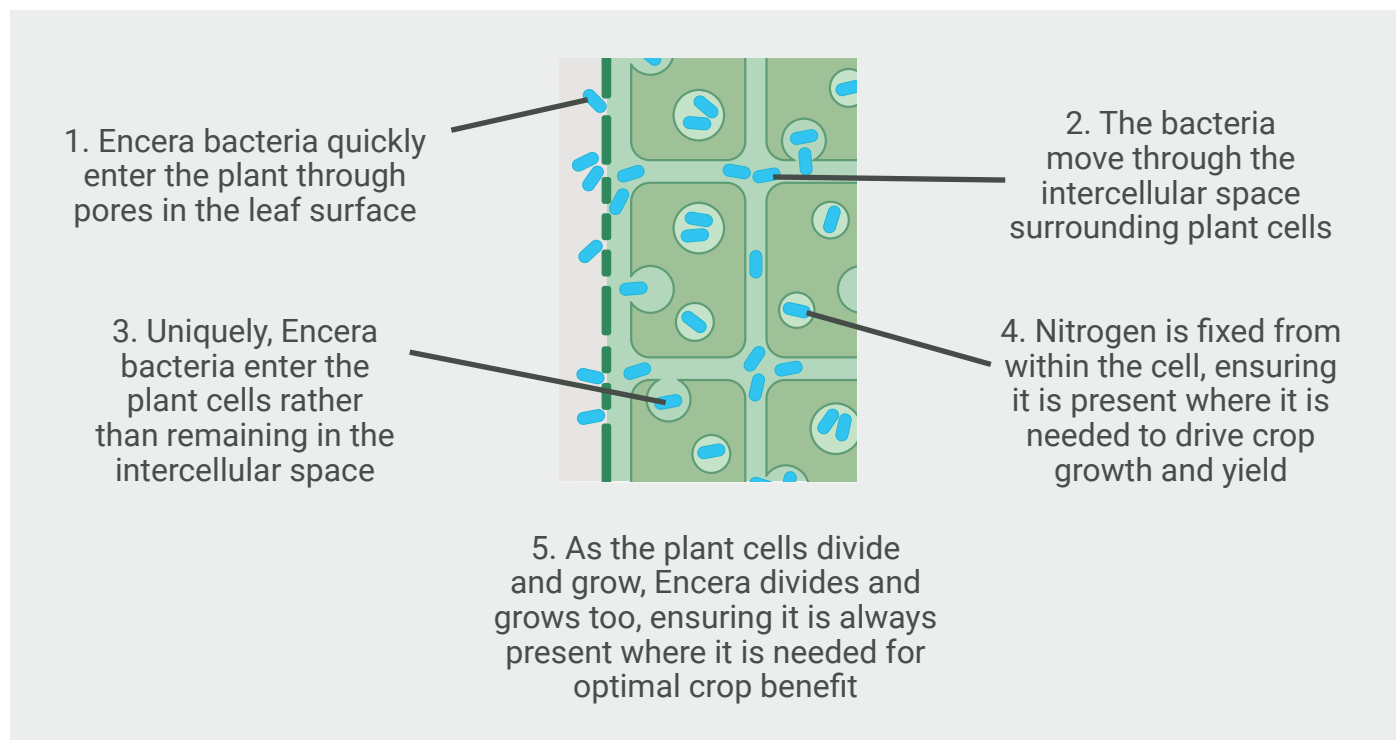


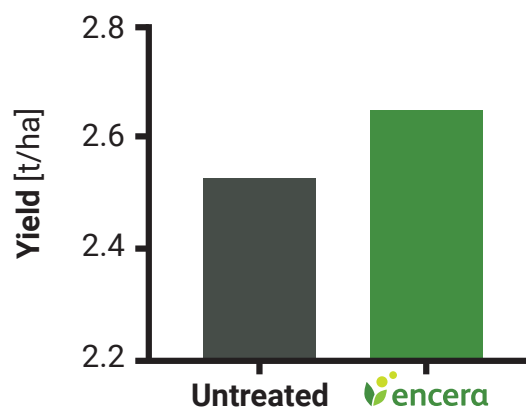
**Encera™ works within plant cells to fix usable forms of nitrogen from the atmosphere**– this increases nitrogen availability for the plant leading to improved yields and sustainability. The product contains a naturally occurring, food grade bacteria – *Gluconacetobacter diazotrophicus* (Gd), which was originally discovered in sugarcane. Gd forms a symbiotic relationship with the host plant and provides nitrogen throughout the leaves and roots during the whole growing season.



## Why Use Encera?

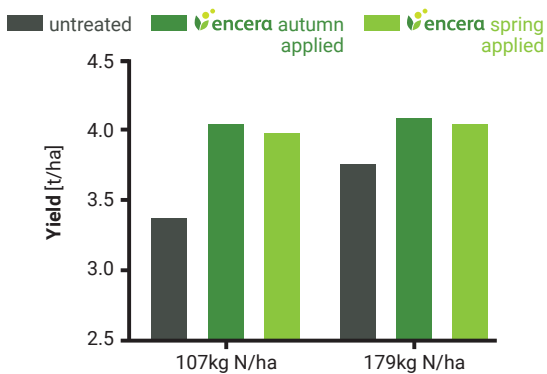
In 9 small plot independent Canola trials in North America, Encera on average improved yields by **0.13t/ha**.

Encera was applied at flowering in trials across the US and Canada.



# Key Reasons to Use Encera in 2024

- Easy to use – compatible with most major tank mixes
- Flexible – either apply in the autumn to support autumn vigour and biomass or in spring to aid nitrogen availability for pod set and filling
- Provides yield boost at standard nutrition – no need to change current practices
- Over 80% response rate seen in our target crops



Trial plots in Czech in 2022 showed increases at both reduced and full nitrogen application rates

Encera yielded up to **0.3t/ha** more than untreated at standard nutrition and more than **0.7t/ha** more than untreated at reduced N

Encera has the potential to boost yield at both standard and reduced nutrition

## OSR Application Timings

Apply in the autumn at 2-4 true leaves to improve establishment and autumn vigour

Alternatively apply at flowering to aid nitrogen availability for pod set

## OSR Crop Growth Stage



## Encera Best Use Guidance

- Avoid spraying in temperatures above 25°C or below 10°C
- Do not mix with urea or similar high salt fertilizers
- Do not incorporate in tank mixes of pH less than 4 or more than 8
- If possible, continuously agitate the tank mix until spraying is complete
- Encera should not be applied if heavy rain is forecast within two hours of application
- Store out of extreme hot and cold temperatures and **do not allow the product to freeze.**
  - Ideally store in cool conditions.
  - Keep out of direct sunlight.
  - Large temperature fluctuations should be avoided.