

# Peat Inoculant Application Guide

**For optimal performance sow treated seed within 6 hours of inoculation and no later than 24 hours after inoculation into moist soil.**

## Slurry Inoculation Method

1. Ensure correct inoculant group is being used for the seed to be sown.
2. Prepare a slurry by mixing contents of pack with cool, clean, non-chlorinated water in ratios described below.

Mixing Ratios for Slurry Application		
Standard Pack	0.25kg	1L water
Jumbo Pack	1.25kg	4–5L water
Mega Pack	2.5kg	8–10L water

3. Mix well to ensure that inoculant is thoroughly dispersed.
4. Apply slurry over the correct weight of seed and mix until all seeds are coated.  
*or*
5. Pump (or pour) freshly prepared slurry from the drum into the path of grain legume seed going up a slow-moving flighted auger into a grain bin.



For orders, please email [robyn@alosca.com.au](mailto:robyn@alosca.com.au)  
or for more information on how we can benefit your operation, please contact ALOSCA Technologies on (08) 6305 0123 or visit [alosca.com.au](http://alosca.com.au)

# Peat Inoculant Comments



## Compatibility

- Do not tank mix with or apply directly after agricultural pesticides, fertilisers or trace elements such as zinc and copper.
- Most seed treatments and pesticides are toxic to rhizobia. Check with ALOSCA Technologies for compatibility.
- Excessive use of starter Nitrogen or high levels of nitrate in the soil can delay or reduce nodulation.

## Double Rate Inoculation

- Increasing application rates may improve results.
- A double rate of inoculant increases the introduced rhizobia population and ensures optimal nodulation and plant performance.
- Most beneficial in the following conditions:
  - Paddocks with no recent history of the legume to be planted.
  - Paddocks experiencing long sustained dry periods, with sub optimal soil moisture content.
  - Soil pH is below 5.2, as these soils will reduce nodulation and plant vigour.
  - Soil with low organic matter, clay content and soil nitrate.

## Storage

- Keep inoculants in a cool, dry area (ideally below 10°C), except for a few inoculants for tropical/subtropical legumes, which should be stored at 20 to 25°C.
- Do not freeze inoculants.
- Minimise exposure to direct sunlight.
- Store freeze-dried inoculants in the fridge, NOT in the freezer.
- Use inoculants before their use-by-date.
- Never expose inoculants to high temperatures, e.g. in a vehicle. Use an insulated box to keep them cool.
- Reseal inoculant packages after opening to reduce moisture loss and avoid contamination.

For orders, please email [robyn@alosca.com.au](mailto:robyn@alosca.com.au)  
or for more information on how we can benefit your  
operation, please contact ALOSCA Technologies on  
(08) 6305 0123 or visit [alosca.com.au](http://alosca.com.au)

