

Osmium[®]

Osmo Protector Technology
Peas & Lentils

PEAS & LENTILS

Osmium[®] Pea/Lentil represents the best in-class inoculant for on-seed application.

The unique Osmo Protective Technology production process creates bacteria better able to withstand desiccation and provides improved performance under abiotic stresses.

The strengthened rhizobia trigger faster nodulation and improve early season nitrogen fixation.

HOW TOP MAKES A BETTER INOCULANT

Osmium[®] Pea/lentil is a convenient liquid inoculant positioned for on-seed application. What really sets it apart is Osmo Protective Technology (TOP) that provides growers with enhanced performance in challenging environments such as cool soil temperatures or low moisture.

IMPROVED PERFORMANCE UNDER STRESSFUL CONDITIONS

The TOP formulation process results in greater rhizobial protection by creating bacterial membranes that slow internal desiccation. This means more viable rhizobia, thus increasing the chances for infection by beneficial rhizobia when planting into soils with challenging soil temperature and moisture conditions.

FEATURES

- Each cell more resistant to abiotic stresses
- Higher concentration than basic inoculants
- Each cell is physiologically activated
- Fifteen days on-seed viability
- No additional extender required

BENEFITS

- Good nodulation even in challenging soil conditions
- Improved nodulation
- Earlier nodulation and supply of N
- Less worry about weather-related planting delays
- Easier handling and less packaging waste

PRODUCT DETAILS

- 1×10^9 CFU/ml *Rhizobium leguminosarum* bv. *viciae*
- Application rate
3 fl oz/cwt
200 ml / 100 kg
- Time on seed: 15 days
- Case shelf life: 1 year
- Case treats 12,250 lbs (5,557 kg)
- Always read and follow label directions

Heliae[®] Agriculture is proud to provide leading products that allow farmers to improve their soil health and yields. Our product line is led by PhycoTerra[®], which activates the microbiome and that, in-turn, provides soil nutrients to the plant.