

N-Prove[®] peat

nitrogen-fixing inoculant for

**pea, lentil
and faba bean**

Extended Label

MINIMUM GUARANTEE

ACTIVE: 7.4×10^8 *Rhizobium leguminosarum* viable cells per gram

INERT: Sterilized milled peat with natural graphite and a water based medium (containing sucrose and yeast extract)



HOW TO APPLY N-Prove has its own sticker in the formulation. A separate sticker is not needed. Apply N-Prove to pre-moistened seed, or add water while applying N-Prove, or mix N-Prove with cool, clean water and apply to seed as a slurry (refer to Table 1). Apply N-Prove when transferring seed from the bin to the truck, or from the truck to the tank or seed cart. N-Prove may also be applied directly to seed in the tank or seed cart. Make sure N-Prove is mixed thoroughly with the seed and that the seed is evenly coated.

Where phosphate availability is limiting plant growth, N-Prove may be co-inoculated with JumpStart[®].

HOW IT WORKS The active ingredient in N-Prove for pea, lentil and faba bean, the naturally occurring bacterium *Rhizobium leguminosarum*, grows on plant roots and forms root nodules which convert or fix nitrogen from the air into forms the plants can use.

Table 1. Application Rates and Bare Seed Planting Windows

Crop	Seed Inoculated By One Bag	Approximate Water Volume	Planting Window (Bare Seed)
Pea, Faba Bean	1360 kg (3000 lb, 50 bu)	4.0 litres (4.2 US quarts)	48 hours
Lentil	820 kg (1800 lb, 30 bu)	2.5 litres (2.7 US quarts)	48 hours

- Once N-Prove is mixed in water, apply to seed within 6 hours.
- The planting window is the maximum time allowed between application and seeding.
- Application with other seed treatments is possible but may reduce the planting window. For up to date pesticide compatibility information and bare seed planting windows, please contact Philom Bios at 1-888-744-5662.

STORAGE AND HANDLING N-Prove requires specific storage conditions to ensure viability and product performance:

- Store N-Prove bags and N-Prove inoculated seed under cool conditions < 20°C (68°F) away from sunlight and direct heat sources.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.

- Use entire contents of bag after opening.
- Use before the expiry date. The expiry date is valid only for unopened bags stored under cool conditions < 20°C (68°F).

Unused N-Prove and unplanted N-Prove-inoculated seed should be disposed of in accordance with applicable civil statutes and guidelines.

N-Prove®

NITROGEN-FIXING INOCULANT



Philom Bios
the inoculant company

3935 Thatcher Avenue
Saskatoon, SK
Canada S7R 1A3
1-888-744-5662*

* Available 24 hours a day/7 days a week,
April - June 15, otherwise business hours.

WHERE TO USE FOR MAXIMUM BENEFIT

- Higher nitrogen fixation from N-Prove occurs in soils that are low in available forms of nitrogen and populations of *Rhizobium leguminosarum*.

LIMITATIONS

- Do not use N-Prove on soils with high nitrogen levels or with high application rates of nitrogen fertilizer.

LIMITED WARRANTY The seller warrants that this product contains a minimum number of *Rhizobium leguminosarum* viable cells as specified on this label. The seller makes no other warranty, expressed or implied, as to product viability or performance since storage, use, and growing conditions are beyond the seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.