

Signum Soybean combines TOP Osmo Protection and Bio-Induction technologies in an effective and convenient inoculant formulation. The two technologies promote quicker biological fixation of nitrogen, allowing growers to maximize yields even in stressful growing conditions. Signum Soybean also comes in an easy-to-use single component formulation with no mixing required.

Crop

Soybean (*Glycine max*)

Product Specifications

Basic Component:	<i>Bradyrhizobium japonicum</i>
Liquid Suspension Technology:	Bio-inducer and TOP Osmo Protection
Minimum Bacteria Concentration:	≥ 1 x10 ¹⁰ CFU/mL
Microbiological Purity:	Free of contamination microorganisms
Application Rate:	2 fl. oz. per 100 lbs (11.3 mL/kg of seed)
On-Seed Life:	Up to 120 days
Packaging:	1 x 400 fl oz (11.83 L) 10 x 40 fl oz (1.18 L)
Shelf Life:	2 seasons

Bio-Inducers

Accelerate initial, early communication between rhizobia and plant roots, triggering earlier nodulation for maximum nitrogen fixation.

High Concentration

High concentration delivers more bacteria per seed at lower application rates.

Enhanced Performance in Challenging Environments

TOP Osmo Protection Technology results in tougher bacteria that enhances performance in the field under adverse conditions high moisture levels and chemical stress.

Longer Survival On-Seed

Osmo Protection Technology also protects active bacteria for longer on-seed survival without requiring an extender. This allows growers much greater flexibility in their planting window compared to other seed-applied liquid and peat inoculants.

All-in-One Liquid Formulation

The convenient all-in-one liquid formulation allows greater accuracy in application compared to peat formulations, and it eliminates extra product handling and bridging concerns common to granular products.