

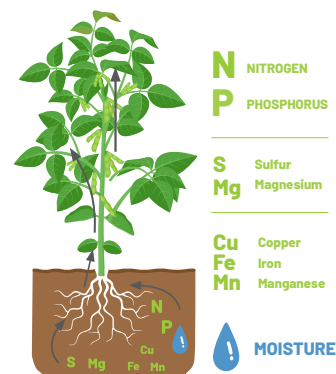
SOYBEAN - Biological seed treatment

DROUGHT | HEAT | NUTRIENT USE EFFICIENCY

biotinsic® M34 + N13 combines the benefits of Indigo's M34 and N13 products, combining the nutrient-related capabilities of Indigo's *Bacillus subtilis* strain with the nitrogen fixation-related benefits of *Bradyrhizobium*. Together, they accomplish nitrogen fixation along with uptake of phosphorus, potassium, and most other micronutrients, including iron.

KEY BENEFITS

- **Consistent Yield Performance:** biotinsic® M34 provided +2.1 bu/acre yield uplift with a 76% win-rate across 3 years of soybean Commercial Demo trials between 2022-2024. Works across regional varieties and maturity groups.
- **Nutrient and water deficit benefits:** Improved root growth and season-long ability to uptake nutrients and improve ability of soil to retain water.
- **Flexibility:** Blend of four microbes in one product provides all of the benefits from each in one application. The flowable powder formulation works with CLIPS as well as standard approaches to applying powders to seed.



HOW IT WORKS

- Improves the solubility and mobility of nitrogen and phosphorus nutrients around the roots by reducing soil pH.
- Increases the water-solubility of essential micro-nutrients, including iron, to support and improve plant health under conditions that can cause chlorosis.
- Provides nitrogen via fixation, under a variety of environmental conditions where natural populations of *Bradyrhizobium* are insufficient.
- Helps aggregate soil particles into larger particles, improving water-holding capacity, which is particularly helpful in dry environments .
- Use on all soybean acres to enhance early growth and vigor, nutrient use and water use efficiency and improved nodulation. These benefits are more pronounced in lighter soil, drought stress.



YIELD

**2.1 bu/acre
advantage**

WIN RATE

> 75%

FARM PROFIT

**4:1 ROI
0.5 bu/acre
break even**

*Product performance information based on third-party field trials. Results will vary across growers and farm operations. A number of variables may affect agronomic outcomes. Indigo does not make any representations, warranties or guarantees as to any specific results or outcomes. Product may not be available in all areas. Limitations, terms, and conditions apply.

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■ Can Be Used On

- Cool and wet spring soils as well as hot and dry soils experienced during summer months.
- Dryland fields where rain fed crops are limited by moisture.
- Fields where nutrient deficiencies have limited yields in the past.
- Fields where temperature exceeds 94°F during the growing season.
- Crops that are planted in an ideal or late planting window and all soybean varieties and traits.

Pkg Treats	Pkgs/ Case	Case	Case Treats	Unit Measures
40 units	5	5x40	200 units	50 lbs

■ How To Use It

- Easy to use with a variety of seed-treatment equipment and methods.
- The low use rate allows additional room on the seed so it can be applied with other products.
- 120 day on-seed stability provides the flexibility you need during the planting season.
- Has broad chemical compatibility so it can be used with existing treatments. Always reference Indigo's compatibility guide.

5 BOXES IN A CASE
(TREATS 200 UNITS)



5 PACKAGES IN A BOX
(TREATS 40 UNITS)



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