

Bio Barge treats 43,200 u

### Minimum Guaranteed Analysis:

**Active Ingredient:** Bradyrhizobium japonicum...1x10<sup>10</sup> CFU/mL  
**Inert Ingredients:** Aqueous carrier 99%

Soy30 treated soybean plants



### What is Soy30?

Soy30 is a sterile liquid soybean inoculant. It is made of bradyrhizobium japonicum bacteria. This specific bacteria is needed by soybeans to create nitrogen fixing nodules on the roots.

#### ECONOMIC BENEFITS

- +\$38/ac profit
- +2.9 bpa
- 2 yr replicated trials, 37 locations 10 states vs no inoculant

#### OPERATIONAL BENEFITS

Low use rate of 0.5 oz/u or 1 oz/100cwt

- 30 day life on seed
- Can be applied in furrow
- Formulated for commercial seed treaters
- Can be used with other products
- Convenient case sizes
  - 12x40u treats 480u
  - 2x240u treats 480u
  - 1x480u treats 480u
  - 90x480u Barge treats 43,200u

#### AGRONOMIC BENEFITS

- A sterile liquid inoculant for soybeans
- Applies 1.05 million bacteria per seed
- High amounts of living and fresh Bradyrhizobium japonicum are needed to produce nitrogen fixing nodules on the roots of soybeans.
- Soybeans need 5 lbs. of nitrogen for every bushel produced. Soy30 is the most effective and most profitable nitrogen source for your soybeans.
- Soy30 can be mixed with other products to create added benefits and yield.

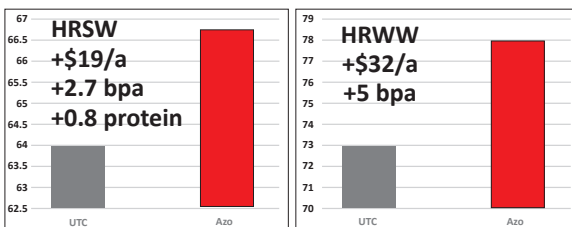


- Highly refined Soybean inoculant extender
- Extends the life on seed of Soy30
- 0.25 oz per unit adds 40 days life on seed
- 0.5 oz per unit adds 80 days life on seed
- Excellent seed handling properties
- Convenient case sizes
  - 12x40u treats 480u
  - 2x240u treats 480u



Bio Barge treats 1,320 acres

### ECONOMIC BENEFITS



Results are replicated from a 3 year study at universities and research farms

### What is Azo?

Azo is a sterile liquid all crop inoculant. It is made of Azospirillum brasilense bacteria. This bacteria fixes atmospheric nitrogen and increases plant health in all plants.

#### OPERATIONAL BENEFITS

- Can be used on all plants
- Excellent when added to inoculants
- Low use rate of 2 oz/100cwt seed
- Low use rate of 16 oz. per acre infurrow
- 7 day life on seed
- Formulated for commercial seed treaters
- 350 oz Bladder treats:
  - 175 CWT of Seed as Seed Treatment (ST)
  - 22 Acres as Liquid Infurrow (LiF)



All crops benefit from the increase in biologically fixed nitrogen.

#### AGRONOMIC BENEFITS

- Azo converts atmospheric nitrogen (N<sub>2</sub>) to NH<sub>4</sub> in the soil
- NH<sub>4</sub> is the form of nitrogen that plants can use
- With the increase in nitrogen later in the season it is common to see protein increases in the grain
- Azo also produces enzymes in the plant that improve plant health

\* Read and follow all labeled instructions