



Optimize® Gold Inoculant

Breakthrough performance for alfalfa

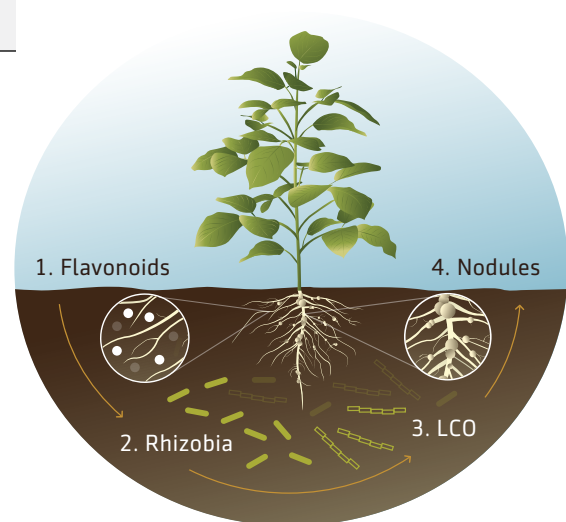
Optimize® Gold Inoculant with LCO technology for alfalfa delivers the benefits of elite inoculant strains of *Sinorhizobium meliloti* along with the LCO (lipo-chitooligosaccharides) technology — helping to improve your crop's potential by enhancing nutrient availability.

BENEFITS OF USING OPTIMIZE GOLD INOCULANT

- When used in conjunction with Nitragin® Gold technology for alfalfa, it can help with effective nodulation
- Increases potential for nitrogen fixation through nodule formation
- Enhances nutrient availability which supports root and shoot growth

HOW THE TECHNOLOGY WORKS

1. Needing nitrogen, the plant releases flavonoids to signal rhizobia.
2. Sensing the flavonoids, the rhizobia signal LCO back to the plant.
3. The plant can respond to the LCO, allowing the rhizobia to infect its roots.
4. This symbiotic relationship creates nodules, which can help fix atmospheric nitrogen.





PRODUCT DETAILS

Packaging may vary.

Optimize® Gold Inoculant

Active Ingredients	Packaging	Application Rate	Case Treats
1 million (1 x 10 ⁶) viable cfu/ml <i>Sinorhizobium meliloti</i> 1 x 10 ⁻⁷ % lipo-chitooligosaccharides	38.3 lb (17.4 kg)	19.6 fl oz/100 lbs of seed (580 ml/45.4 kg)	3,000 lb (1,361 kg) of seed

Always read and follow label directions

Bayer
800 N. Lindbergh Blvd.
St. Louis, MO, 63167, USA
877-775-8787

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

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