



Novozymes Optimize® Gold Inoculant

Breakthrough performance for alfalfa

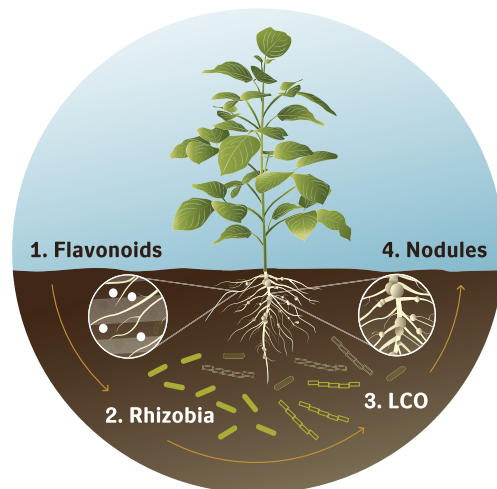
Optimize® Gold Inoculant with LCO technology for alfalfa delivers the benefits of elite inoculant strains of *Sinorhizobium meliloti* along with the LCO (lipo-chitooligosaccharides) technology — helping to improve your crop's potential by enhancing nutrient availability.

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 (1×10^6) viable cfu/ml <i>Sinorhizobium meliloti</i> 1×10^{-7} % lipo-chitooligosaccharides | 38.3 lb | 19.6 fl oz/100 lbs of seed | 3,000 lb of seed |

Always read and follow label directions

To learn more visit us at [novozymes.com/bioag](https://www.novozymes.com/bioag) or call your local retailer.

About Novozymes

Novozymes is the world leader in biological solutions. Together with customers, partners and the global community, we improve industrial performance while preserving the planet's resources and helping build better lives. As the world's largest provider of enzyme and microbial technologies, our bioinnovation enables higher agricultural yields, low-temperature washing, energy-efficient production, renewable fuel and many other benefits that we rely on today and in the future. We call it Rethink Tomorrow.

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