

# TagTeam® LCO XC Inoculant

Up to 2X more nodules, plus more available phosphate, in an extra-concentrated formulation

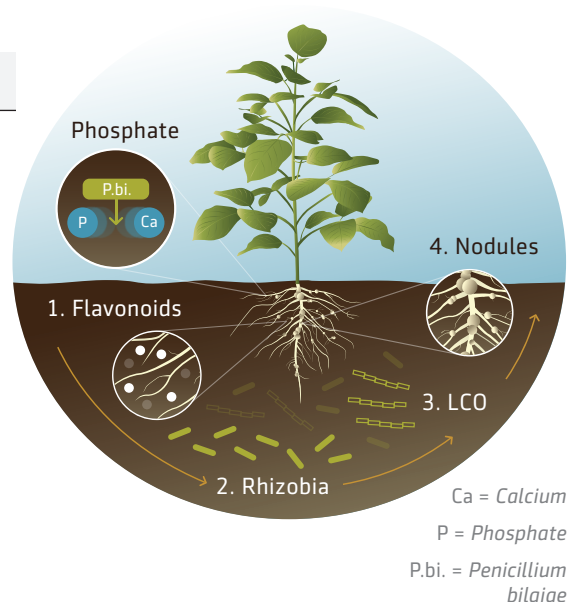
TagTeam® LCO XC Inoculant is a triple-action technology that combines *Bradyrhizobium japonicum* with exclusive LCO (lipo-chitooligosaccharides) technology, and the phosphate-solubilizing benefits of *Penicillium bilaiae*. In 2016, a growth chamber study showed that combining LCO with rhizobia increases the rate of early soybean nodulation, resulting in 2X as many nodules compared to rhizobia alone. Plus, the LCO in TagTeam LCO XC Inoculant enhances mycorrhizal colonization, which increases functional root volume and helps the plant uptake more water and nutrients through the root.

## BENEFITS OF USING TAGTEAM LCO XC INOCULANT

- Combines *Bradyrhizobium japonicum* and LCO, which can double the rate of early nodulation
- Enhances mycorrhizal colonization, which increases functional root volume and helps the plant uptake more water and nutrients through the roots
- Increases nitrogen fixation through nodule formation
- Enhances phosphate availability, which supports root and shoot growth
- Broad seed treatment compatibility\* with 120 days on-seed life with most seed treatments
- The industry's lowest application rate for soybeans — leaving more space on your seed for additional treatments (0.75 fl oz per unit of seed with minimum of 1.5 fl oz total volume with water when applied alone)
- A convenient, easy-to-handle package

## HOW THE TECHNOLOGY WORKS

- 1. Freeing Phosphate**  
*Penicillium bilaiae* releases bound mineral forms of soil and fertilizer phosphate, making it more available for the plant to use.
- 2. More Nitrogen**
  - A. Needing nitrogen, the plant releases flavonoids to signal rhizobia.
  - B. Sensing the flavonoids, the rhizobia signal LCO back to the plant.
  - C. The plant can respond to the LCO, allowing the rhizobia to infect its roots.
  - D. This symbiotic relationship can create nodules, which help fix atmospheric nitrogen.





## PRODUCT DETAILS

Packaging may vary.



TagTeam® LCO XC Inoculant

Active Ingredients	Packaging	Application Rate	Case Treats
10 billion ( $1 \times 10^{10}$ ) viable cfu/ml <i>Bradyrhizobium japonicum</i> $1 \times 10^{-7}$ % lipo-chitooligosaccharides 720 million ( $7.2 \times 10^8$ ) cfu/g <i>Penicillium bilaiae</i>	400 units 5 x 2 x 40 unit	1.5 fl oz/100 lbs of seed (44.4 ml/45.4 kg)	400 units or 56,000,000 seeds

Always read and follow label directions

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**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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