

# It's what's below the ground that counts.

Annual inoculation is the best practice for setting up your pea and lentil crops to reach the optimal yield potential, starting from crop establishment. Technology has advanced to offer growers benefits beyond rhizobial species selected for impact on nodulation and nitrogen fixation. It also offers a range of beneficial biologicals. These biologicals can vary in their impact, from plant growth and nutrient solubilization to stress tolerance through harsh spring seasons. It is the activity and action of these biological organisms below ground that has the most impact on your pea and lentil crops reaching their ultimate yield potential.

For more information, contact your BASF **AgSolutions**® Grower or Retail Representative, BASF **AgSolutions** Crop Establishment Specialist or call **AgSolutions** Customer Care at 1-877-371-BASF (2273).

Product	Nodulator® Duo SCG	TagTeam® LCO	TagTeam® BioniQ®	LALFIX® START	LALFIX® DUO FS	Primo GX2	AGTIV® Pulses
Company	BASF	Nexus BioAg	Nexus BioAg	Lallemand	Lallemand	Verdesian	Taurus
Manufacturer	BASF	Novozymes	Novozymes	Lallemand	Lallemand	Verdesian	Premier Tech
Strain	<i>Rhizobium leguminosarum biovar viceae</i> (strain 1435)	<i>Rhizobium leguminosarum biovar viceae</i>	<i>Rhizobium leguminosarum biovar viceae</i>	<i>Rhizobium leguminosarum biovar viceae</i> – multi-strain	<i>Rhizobium leguminosarum biovar viceae</i> – multi-strain	<i>Rhizobium leguminosarum biovar viceae</i> – multi-strain	<i>Rhizobium leguminosarum biovar viceae</i>
Crop	Crop Specialist - Pea & Lentil	Pea & Lentil	Pea & Lentil	Crop Generalist – Pea, Lentil, Faba Beans	Crop Generalist - Pea, Lentil, Faba Beans	Crop Generalist - Pea, Lentil, Faba Bean	Crop Generalist – Pea, Lentil, Faba Bean
Label Guarantee CFU/g	8 x 10 <sup>7</sup>	1.3 x 10 <sup>8</sup>	1.3 x 10 <sup>8</sup>	1 x 10 <sup>8</sup>	1 x 10 <sup>8</sup>	1 x 10 <sup>8</sup>	1.3 x 10 <sup>8</sup>
Added Biological Component	<i>Bacillus subtilis</i> (strain BU1814)	<i>Penicillium bilaiae</i> lipochitoooligosaccharide (LCO)	<i>Penicillium bilaiae</i> lipochitoooligosaccharide <i>Bacillus amyloliquefaciens</i> <i>Trichoderma virens</i>	<i>Bacillus velezensis</i>	None	<i>Azospirillum brasilense</i>	<i>Glomus intraradices</i>
Function of Added Biological	PGPR (Plant Growth Promoter) Root biofilm protection from stress, growth-enhancing nutrient and moisture uptake	Phos Solubilizer LCO PGPR	Phos Solubilizer LCO PGPR	Phos Solubilizer	N/A	PGPR	Mycorrhizae
Formulation	Solid Core Granular	Peat Granular	Peat Granular	Spherical Granule	Spherical Granule	Peat Granular	Peat Granular
Packaging	22.68 kg bag	18 kg	18 kg	12.2 kg	12.2 kg	18.1 kg	18.2 kg
Bulk Packaging	364 kg Q-Pak	454 kg	454 kg	391.9 kg	391.9 kg tote	235 kg tote	364 kg tote
Application Recommendation lb/ac (based on 10" row)	3.3	3.3	3.3	2.7	2.7	4.3	4
Approximate Acres per Package (smallest pkg, 10" spacing)	15	12	12	10	10	9	10
Grower Programming Qualified	BASF Ag Rewards	None	None	None	None	None	None
Biological Claims	Biostacked® advantage for pea and lentil crops in SCG formulation. Leading genetic selection of rhizobia strain that has optimal colonization of roots and nitrogen fixation in pea and lentil crops. Root-strengthening biofilm (BU1814) protects roots from stresses encountered in the soil, resulting in energy being reserved for greater biomass growth and optimal yield.	Triple-action product that generates symbiosis between three biologicals to drive optimum legume yield. Traditional peat crumble granular.	Five biological actives combining rhizobium and LCO technology for nodule formation and N fixation. Phosphate-solubilizing <i>Penicillium bilaiae</i> fungi along with two biologicals ( <i>Bacillus amyloliquefaciens</i> and <i>Trichoderma virens</i> ) for increased nutrient availability. Traditional peat crumble granular.	Spherical granule carrier provides accurate inoculant placement while increasing granule durability and rhizobia survival. An added dual action biological quickly colonizes the root system, allowing for newly available phosphorus to be efficiently taken up by the plant.	Spherical granular carrier. Base rhizobia for pea and lentil crops.	Multi-action traditional peat crumble granular seed inoculant.	Dual endomycorrhizal and rhizobial inoculant. Symbiotic nitrogen fixation. Traditional peat crumble granular.

Source: All product technical information obtained from respective product labels and company websites.

## Nodulator® Duo SCG

Biostacked® solid core granular pea and lentil Inoculant

**Always read and follow label directions.**

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