



An American Company Producing Global Results for Agriculture.

# What Rhizobia Inoculates What Crop

## Peas, Lentils , Vetches & Faba Beans

*Rhizobia species: Rhizobium leguminosarum biovar viciae*

### Treats the following:

Austrian winter pea, Chickling vetch, Common vetch, Faba bean, Field pea, Flat pea, Garden pea, Hairy vetch, Lentil, Manantha vetch, Narrowleaf vetch, Purple vetch, Rough pea, Specter pea, Sweet pea, Tangier pea, Trapper pea

**Products: America's Best Inoculant Pea and Lentil and Graph-Ex SA for Peas/Lentils/Garbanzo Beans**

## Alfalfa & Clovers Combination

*Rhizobia species: Sinorhizobium meliloti and Rhizobium leguminosarum biovar trifolii*

**Treats all species listed in both the alfalfa/ sweet clover and in the true clover groups.**

## Alfalfa & Sweet Clovers

*Rhizobia species: Sinorhizobium meliloti*

### Treats the following:

Alfalfa, Bitter clover (sour), Black medic, Button clover, California bur clover, Fenugreek, Hubam sweet clover, Little bur clover, Snail bur clover, Spotted bur clover, Tifton bur clover, Tubercle bur clover, Yellow alfalfa, Yellow sweetclover, White sweet clover

## True Clovers

*Rhizobia species: Rhizobium leguminosarum biovar trifolii*

### Treats the following:

Alsike clover, Ball clover, Berseem clover, Bigflower clover, Carolina clover, Cluster clover, Crimson clover, Hop clover, Hungarian clover, Ladino Red clover, Large hop clover, Persian clover, Puff clover, Rabbitfoot clover, Seaside clover, Small hop clover, White clover, Zigzag clover

**Products: Graph-Ex SA for Alfalfa/Cover**

## Dry & Snap Beans

*Rhizobia species: Rhizobium leguminosarum biovar phaseoli*

### Treats the following:

Black beans, Navy beans, Great Northern beans, Snap beans, Scarlet Runner beans, Wax beans, Pinto beans, Pink beans, Kidney beans, Garden or String beans, Field or Canning beans, Cranberry beans

**Products: Graph-Ex SA for Dry Beans and Excalibre SA for Dry Beans**

## Soybeans

*Rhizobia species: Bradyrhizobium japonicum*

**Treats all soybeans (Glycine max, Glycine soja).**

**Products: Excalibre SA, Graph-Ex, Graph-Ex SA, Marauder, MegaPack, and America's Best Inoculant**

## Peanuts , Cowpeas & Lespedeza

*Rhizobia species: Bradyrhizobium spp.*

### Treats the following:

Acacia, Adzuki bean, Alyce clover, Asparagus-bean, Centrosema, Common lespedeza, Cowpea, Desmodium spp., Hairy indigo, Jackbean, Jointvetch (Aeschynomene), Korean lespedeza, Kudzu, Mung bean, Lima Bean, Partridge pea, Peanut, Pigeon pea, Sericea lespedeza, Siratro, Slender bushclover, Striped crotalaria, Sunn crotalaria, Tepary bean, Velvet bean, Wild indigo, Winged bean, Winged crotalaria

**Products: America's Best Inoculant for Peanuts and Graph-Ex SA for Peanuts**

## Cover Crops

*Rhizobia species: Rhizobium leguminosarum biovar viciae, Bradyrhizobium sp. (Vigna), Rhizobium leguminosarum biovar trifolii*

### Treats the following:

**Peas, Lentils, Vetches and Faba Beans** – austrian winter pea, chickling vetch, faba bean, field pea, flat pea, garden pea, hairy vetch, lentil, manantha vetch, narrowleaf vetch, purple vetch, rough pea, specter pea, sweet pea, tangier pea, trapper pea; **Cowpeas & Lespedeza** – acacia, adzuki bean, alyce clover, asparagus-bean, black eyed peas, centrosema, common lespedeza, cowpea, desmodium spp., hairy indigo, jackbean, jointvetch (aeschynomene), Korean lespedeza, kudzu, mung bean, partridge pea, peanut, pigeon pea, pink eyed purple hull pea, sericea lespedeza, siratro, slender blush clover, sunn hemp, tepary bean, velvet bean, wild indigo, winged bean, winged crotalaria; **True Clover** – Alsike clover, Ball clover, Berseem clover, Bigflower clover, Carolina clover, Cluster clover, Rabbitfoot clover, Hop clover, Hungarian clover, Ladino, Large hop clover, Persian clover, Puff clover, Red clover, Seaside clover, Small hop clover, White clover, zigzag clover, Crimson clover

**Products: Graph-Ex SA for Cover Crops**

## Garbanzo & Chickpea

*Rhizobia species: Mesorhizobium ciceri*

**Treats all varieties of garbanzo and chickpeas.**

**Products: Graph-Ex SA for Peas/Lentils/Garbanzo Beans**