

# EXCEED®

Superior Legume Inoculant

## Which Inoculant for What Legume?

Rhizobia are legume specific. Listed below are species of rhizobia and the species they nodulate. For more information, please contact a Visjon Biologics representative.

### SOYBEAN

*Bradyrhizobium japonicum.*

Treats all varieties of soybeans  
(*Glycine max*, *Glycine soja*)

Available in Exceed SAR Liquid, 500XR Liquid, Traditional Liquid, Granulated Peat, Powdered Peat and Stic

### PEANUT

*Bradyrhizobium sp. (Vigna).*

Treats all varieties of the following crops:

Acadia	Iron peas	Pink eyed purple hull pea
Adzuki bean	Jack bean	Sericea lespedeza
Alyce Clover	Joint vetch	Siratro
Black eyed peas	Kangaroo thorn	Slender bushclover
Centrosema	Korean lespedeza	Striped crotolaria
Clay peas	Kudzu	Sunn crotolaria
Cowpea	Lima beans	Sunn hemp
Crotolaria	Mung beans	Tepary bean
Desmodium	Partridge pea	Velvet bean
False blue indigo	Peanut	Wild indigo
Hair indigo	Pigeon pea	Winged bean
		Winged crotolaria

Available in Exceed Traditional Liquid, Grower Select Liquid, Granulated Peat, Powdered Peat and Stic

### PEA, VETCH, LENTIL

*Rhizobium leguminosarum biovar viceae.*

Treats all varieties of the following crops:

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

Available in Exceed Traditional Liquid, Frozen Concentrate, Granulated Peat, Powdered Peat and Stic

### DRY BEAN

*Rhizobium leguminosarum biovar phaseoli.*

Treats all varieties of the following crops:

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

Available in Granulated Peat, Powdered Peat and Stic

### GARBANZO & CHICKPEA

*Mesorhizobium ciceri.*

Treats all varieties of garbanzo and chickpeas.

Available in Exceed SAR Liquid, Granulated Peat, Powdered Peat and Stic

### ALFALFA / SWEET CLOVER

*Sinorhizobium melloti.*

Treats all varieties of the following crops:

Alfalfa	Fenugreek	Tifton bur-clover
Bitter clover	Hubam sweetclover	Tubercle bur-clover
Black medic	Little bur-clover	Yellow Alfalfa
Button clover	Snail bur-clover	Yellow Sweetclover
California bur-clover	Spotted bur-clover	

Available in Clay and Powdered Peat

### TRUE CLOVER

*Rhizobium leguminosarum biovar trifolii (Clover).*

Treats all varieties of the following crops:

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

Available in Clay and Powdered Peat



The Inoculant Experts



## Which Inoculant for What Legume?

### ALFALFA / TRUE CLOVER COMBINATION

*Sinorhizobium meliloti* and  
*Rhizobium leguminosarum biovar trifolii* (clover).

Treats all varieties listed in the following groups:  
Alfalfa/Sweet Clover and True Clover.

Available in Clay and Powdered Peat

### GARDEN COMBINATIONS

*Bradyrhizobium sp. (Vigna)*, *Rhizobium leguminosarum biovar viciae* and *Rhizobium leguminosarum biovar phaseoli*.

Treats all varieties listed in the following groups:  
Peanut, Pea Vetch and Lentil, and Dry Bean.

Available in Powdered Peat

### BIRD'S-FOOT TREFOIL

*Mesorhizobium loti*.

Treats all varieties of both narrow-leaf  
and broad-leaf Bird's-foot.

Available in Powdered Peat

### LUPINE

*Bradyrhizobium lupinus*

Treats all varieties of Blue lupine, Sundial, Washington  
lupine, Field lupine, Yellow lupine and White lupine.

Available in Powdered Peat

### CROWNVETCH

*Rhizobium coronilla*

Treats all varieties of Crownvetch.

Available in Powdered Peat

### SAINFOIN

*Rhizobium sp. (Onobrychis viciifolia)*

Treats all varieties of Sainfoin.

Available in Powdered Peat

### ARROWLEAF CLOVER

*Rhizobium leguminosarum biovar trifolii (vesiculosum)*.

Treats all varieties of Arrowleaf including  
Yuchi, Meechi, Apache, and Amclo.

Available in Powdered Peat

### SUBTERRANEAN CLOVER

*Rhizobium leguminosarum biovar trifolii (subterranean)*.

Treats all varieties of Subterranean Clover and Rose Clover.

Available in Powdered Peat



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