

# What Treats What?

*A practical guide for selecting the proper inoculant.*

The many different species of rhizobia are legume-specific. For instance, *Bradyrhizobium japonicum* will inoculate soybeans, but not dry beans. This guide lists the rhizobia species that will treat a variety of legume crops.



## SOYBEANS

Rhizobia species: *Bradyrhizobium japonicum*

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

## PEAS, LENTILS, VETCHES & FABA BEANS (*Pisum spp.*, *Lens spp.*, *Vicia spp.*, *Lathyrus spp.*)

Rhizobia species: *Rhizobium leguminosarum* biovar *viceae*

Treats the following varieties:

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

## PEANUTS, COWPEAS & LESPEDEZA

Rhizobia species: *Bradyrhizobium spp.*

Treats the following varieties:

Acacia	Cowpea	Mung bean	Slender bushclover
Adzuki bean	<i>Desmodium spp.</i>	Partridge pea	Sunn crotalaria
Alyce clover	Hairy indigo	Peanut	Tepary bean
Asparagus–bean	Jackbean	Pigeon pea	Velvet bean
Black eyed peas	Jointvetch ( <i>Aeschynomene</i> )	Pink eyed purple hull pea	Wild indigo
Centrosema	Korean lespedeza	Sericea lespedeza	Winged bean
Common lespedeza	Kudzu	Siratro	Winged crotalaria



## ALFALFA & SWEET CLOVERS (*Medicago spp.*, *Melilotus spp.*)

Rhizobia species: *Sinorhizobium meliloti*

Treats the following varieties:

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

## TRUE CLOVERS (*Trifolium spp.*)

Rhizobia species: *Rhizobium leguminosarum* biovar *trifolii*

Treats the following varieties:

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

## 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.

## DRY & SNAP BEANS (*Phaseolus vulgaris*, *Phaseolus coccineus*)

Rhizobia species: *Rhizobium leguminosarum* biovar *phaseoli*

Treats the following varieties:

Black beans	Garden or string beans	Navy beans	Scarlet runner beans
Cranberry beans	Great Northern beans	Pink beans	Snap beans
Field/canning beans	Kidney beans	Pinto beans	Wax beans



## GARDEN COMBINATION

Rhizobia species: *Rhizobium leguminosarum* biovar *viceae* and *Rhizobium leguminosarum* biovar *phaseoli* and *Bradyrhizobium spp.*

Treats the following varieties:

Acacia	Field pea	Lima bean	Slender bushclover
Adzuki bean	Flat Pea	Manantha vetch	Snap bean
Alyce clover	Garden or string beans	Mung bean	Specter pea
Asparagus bean	Garden pea	Narrowleaf vetch	Striped crotalaria
Austrian winter pea	Great Northern beans	Navy beans	Sunn crotalaria
Black beans	Hairy indigo	Partridge pea	Sweet pea
Centrosema	Hairy vetch	Peanut	Tangier pea
Common lespedeza	Jack bean	Pigeon pea	Tepary bean
Common vetch	Jointvetch ( <i>Aeschynomene</i> )	Pink bean	Velvet bean
Cowpea	Kangaroo–thorn	Purple vetch	Wax beam
Cranberry beans	Kidney beans	Rough pea	Wild indigo
<i>Desmodium spp.</i>	Korean lespedeza	Scarlet runner beans	Winged bean
Faba bean	Kudzu	Sericea lespedeza	Winged crotalaria
Field or canning beans	Lentil	Sirato	

## NOT AVAILABLE FROM BECKER UNDERWOOD

<i>Amorpha sp.</i>	Cicer milkvetch	Lupine	<i>Stylosanthes spp.</i>
Arrowleaf clover	Crownvetch	Sesbania	(including <i>S. gracilis</i> )
(yuchi, meechi, amclo)	<i>Desmanthus spp.</i>	Medic species	Subterranean & rose clover
<i>Baptisia spp.</i>	(Illinois Bundle Flower)	<i>Petalostemum spp.</i>	Sweet vetch
Big trefoil	Guar	(Prairie Clover)	Texas blue bonnet
Birdsfoot trefoil	Kura clover	Sanfoin	
Black locust	Lab lab	Serradella	
Burgundy beans	Leucaena	Siberian pea–shrub	

**For more information about Becker Underwood inoculants, visit [www.beckerunderwood.com](http://www.beckerunderwood.com).**

Phone: 800–892–2013

Email: [request@beckerunderwood.com](mailto:request@beckerunderwood.com)

