

# PEA HERBICIDE PERFORMANCE RATINGS

PEA WEEDS

- E** EXCELLENT (≥91%)
- G** GOOD (81-90%)
- F** FAIR (65-80%)
- P** POOR (<65%)
- N** NONE
- U** UNKNOWN

## GRASSES

- CROP TOLERANCE
- SITE OF ACTION<sup>A</sup>
- Barnyardgrass
- Crabgrass
- Fall panicum
- Foxtail, gi/gr
- Foxtail, yellow
- Quackgrass
- Sandbur, field
- Shattercane/Sorghum
- Volunteer barley
- Volunteer wheat
- Wild oat
- Wild proso millet
- Yellow nutsedge

### PREPLANT or PREEMERGENCE

Aim EC (carfentrazone) <sup>1</sup>	E 14	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
BroadAxe XC/Spartan Elite (sulfentrazone + s-metolachlor)	E 14,3	G	G	G	G	G	E	U	P	F	U	E	U	U	U	U	U	
Buckle (trilalate + trifluralin) <sup>1</sup>	G 8,3	G	G	G	G	G	P	G	F	G	P	P	G	E	F	P	P	
Charger MAX/Dual II Magnum (s-metolachlor)	G 15	E	E	E	E	E	P	P	F	P	P	P	P	P	F	F	F	
Cornerstone 5 Plus/Tomahawk 5 <sup>R</sup> (glyphosate) <sup>***</sup>	G 9	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Dimetric EXT/Metridlude EXT <sup>R</sup> (metribuzin)	G 5	F <sup>R</sup>	F	F	F	F	P	P	P	P	P	P	P	P	P	P	P	
Far-Go (trilalate)	F 8	P	P	P	P	P	N	N	N	N	N	N	N	E	P	N	N	
Framework/Prowl H2O (pendimethalin)	E 3	E	E	E	E	E	P	G	G	P	F	P	F	F	F	F	P	
Gramoxone SL/SL 2.0 <sup>1</sup> (paraquat)	E 22	F	G	F	F	F	P	F	F	P	P	G	F	F	F	P	P	
OpTill (saflufenacil + imazethapyr)	G 14,2	E	E	E	E	E	N	P	F	P	P	P	P	F	F	F	F	
Pursuit <sup>R</sup> (imazethapyr)	G 2	P	F	P	P	F <sup>R</sup>	F <sup>R</sup>	P	P	E <sup>R</sup>	P	P	P	P	P	P	P	
Pursuit Plus (imazethapyr + pendimethalin)	G 2,3	E	E	E	E	E	P	G	G	E	P	F	P	F	F	F	P	
Sequence <sup>**</sup> (s-metolachlor + glyphosate)	G 15,9	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	F	G
Sharpen (saflufenacil) <sup>1</sup>	E 14	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Sonalan (ethalfluralin)	E 3	E	E	E	E	E	P	E	G	F	F	F	F	F	F	P	P	
Spartan (sulfentrazone)	E 14	P	F	P	F	G	P	F	P	P	F	P	P	P	P	G	G	
Spartan Charge (sulfentrazone + carfentrazone)	E 14,14	P	F	F	P	F	P	F	N	N	N	P	P	P	P	G	G	
Trust/Treflan HFP (trifluralin)	E 3	E	E	E	E	E	P	E	G	P	F	P	F	F	F	P	P	
Vida (pyraflufen)	E 14	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

### POSTEMERGENCE

Assure II/Targa <sup>R</sup> (quizalofop)	E 1	E	E <sup>R</sup>	E	E <sup>R</sup>	G	E	E	E	E	E	E	E	E <sup>R</sup>	E	P	P
Basagran/Basagran 5L (bentazon)	E 6	P	P	P	P	P	P	P	P	P	P	P	P	P	P	G	G
Kerb SC (pronamide)	G 3	G	G	F	F	P	G	G	U	U	U	G	U	U	P	P	P
MCPA/Rhomene (MCPA)	G 4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Poast <sup>R</sup> (sethoxydim)	E 1	E	E <sup>R</sup>	E	E <sup>R</sup>	E	F	E	E	G	G	E <sup>R</sup>	E	P	P	P	P
Pursuit <sup>R</sup> (imazethapyr)	G 2	F	F <sup>R</sup>	F	F <sup>R</sup>	F <sup>R</sup>	F <sup>R</sup>	P	P	E <sup>R</sup>	P	F	F <sup>R</sup>	F	P	F	F
Raptor <sup>R</sup> (imazamox)	G <sup>B</sup> 2	F	G	G <sup>R</sup>	E	E <sup>R</sup>	G	F	F	G <sup>R</sup>	G	F	G	G <sup>R</sup>	F	F	F
Section Three <sup>R</sup> (clethodim)	E 1	E	E <sup>R</sup>	E	E <sup>R</sup>	E	G	E	E	E	E	E	E	E <sup>R</sup>	E	P	P

### HARVEST AID

Gramoxone SL/SL 2.0 (paraquat)	N 22	G	G	G	G	G	P	G	G	G	G	G	G	G	G	F	F
Valor <sup>R</sup> (flumoxazin)	N 14	P	P	P	P	P	P	P	P	P	P	P	P	P	F	P	P

<sup>A</sup> Site of action, described on page 759.  
<sup>R</sup> No control of herbicide resistant weed biotypes. See the list of known resistant weeds on the second page of the technical section.  
<sup>B</sup> G/E with Basagran.  
<sup>1</sup> Burndown ratings.  
<sup>2</sup> See label of pigweed species controlled.  
<sup>\*\*</sup> Burndown and residual control.  
<sup>\*\*\*</sup> or Durango DMA/Duramax, Roundup brands or RT 3.

# PEA HERBICIDE PERFORMANCE RATINGS

## BROADLEAVES

	Bindweed, field	Buffalobur	Canada thistle	Cocklebur	Jimsonweed	Knotweed	Kochia	Lambsquarters, common	Morningglory, annual	Mustard, wild	Nightshade, black	Nightshade, hairy	Pigweed <sup>2</sup>	Purslane	Ragweed, common	Ragweed, giant	Russian thistle	Smartweed, annual	Sunflower	Velvetleaf	Wild buckwheat					
<b>PREPLANT or PREEMERGENCE</b>																										
—	U	U	P	P	F	F	FG	GE	GE	FG	P	GE	GE	GE	P	F	P <sup>R</sup>	F <sup>R</sup>	F	P	P	F	E	P	● Aim EC <sup>1</sup>	
---	U	U	U	P	G	U	G	G	G	U	U	G	E	U	G	E	G	P	G	P	P	● BroadAxe XC/Spartan Elite				
—	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	● Buckle <sup>1</sup>	
—	P	F	P	P	P	F	P	F	P	P	G	F	G	F	P	P	P	P	P	P	P	F			● Charger MAX/Dual II Magnum	
---	F	G	G	G	E	E	E	E <sup>R</sup>	E	F	E	G	G	E	E	GE	GE	FG	F	GE	G <sup>R</sup>	F			● Cornerstone 5 Plus/Tomahawk 5*** <sup>R</sup>	
—	P	F	P	P	F	G <sup>R</sup>	G <sup>R</sup>	E <sup>R</sup>	P	GE	P	F	P	E	P	E <sup>R</sup>	P	F	G	G <sup>R</sup>	F	G <sup>R</sup>	F		● Dimetric EXT/Metriclude EXT <sup>R</sup>	
—	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	● Far-Go	
---	P	P	P	P	P	G	G	E	P	P	P	P	G	P	P	P	FG	P	P	P	P	P	P	P	● Framework/Prowl H2O	
—	N	P	P	F	F	E	G	G	F	E	F	F	G	U	G	F	P	P	E	G	P			● Gramoxone SL/SL 2.0 <sup>1</sup>		
—	F	E	P	G	G	U	E	E	F	E	F	U	E	U	G	F	FG	G	G	E	F			● OpTill		
---	P	U	P	P	G	U	G <sup>R</sup>	P	P	E <sup>R</sup>	G <sup>R</sup>	P	F	G <sup>R</sup>	U	P	P	P	P	P	F	P			● Pursuit <sup>R</sup>	
—	P	F	N	F	FG	F	GE	E	F	E	E	F	E	U	FG	F	GE	GE	G	G	F			● Pursuit Plus		
---	F	G	G	G	E	E	E	E <sup>R</sup>	E	F	E	G	G	E	E	GE	GE	FG	F	GE	G	F			● Sequence**	
---	P	F	E	P	F	E	G	G	E	E	F	E	E	U	E	G	E	E	E	E	E	E	E	E	● Sharpen <sup>1</sup>	
—	P	P	P	P	P	G	GE	E	P	F	F	E	E	P	P	FG	P	P	P	P	F	G			● Sonalan	
---	F	P	P	P	G	U	G	G	G	P	F	GE	P	F	U	P	P	G	G	P	G	F			● Spartan	
---	F	U	N	F	GE	P	F	G	E	E	U	E	U	E	FG	F	P	GE	G	P	F	E	FG	● Spartan Charge		
—	P	P	P	P	P	G	G	G	P	P	P	P	G	E	P	P	FG	P	P	P	P	P	P	P	● Trust/Treflan HFP	
—	U	U	P	P	F	F	FG	GE	GE	FG	P	GE	GE	GE	P	F	P <sup>R</sup>	F <sup>R</sup>	F	P	P	F	E	P	● Vida	
<b>POSTEMERGENCE</b>																										
—	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	● Assure II/Targa <sup>R</sup>	
---	P	F	N	G	E	E	N	F	F	F	E	P	G	P	F	FG	P	F	P	E	GE	GE	FG	● Basagran/Basagran 5L		
—	P	U	P	P	U	U	P	P	U	P	F	F	U	G	P	U	G	P	U	P	P			● Kerb SC		
—	P	P	F	G	F	P	F	E	G	E	F	F	G	F	G	G	F	P	F	FG	P			● MCPA/Rhomene		
---	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	● Poast <sup>R</sup>	
---	P	F	P	G <sup>R</sup>	G	F	G <sup>R</sup>	P	F <sup>R</sup>	F	E <sup>R</sup>	E <sup>R</sup>	F	E <sup>R</sup>	N	P	F <sup>R</sup>	P	P	F	G <sup>R</sup>	FG	G	P	F	● Pursuit <sup>R</sup>
---	P	F	P	E <sup>R</sup>	E	F	G <sup>R</sup>	F	G <sup>R</sup>	E <sup>R</sup>	E <sup>R</sup>	G	E <sup>R</sup>	G	F	G <sup>R</sup>	F	G <sup>R</sup>	G <sup>R</sup>	E <sup>R</sup>	E	E	FG		● Raptor <sup>R</sup>	
---	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	● Section Three <sup>R</sup>	
<b>HARVEST AID</b>																										
—	P	U	P	F	P	U	FG	G	G	E	F	F	FG	U	G	G	E	G	F	G	F			● Gramoxone SL/SL 2.0		
---	F	P	P	F	F	F	F	F	G	G	G	G	F <sup>R</sup>	G	F	G <sup>R</sup>	F	G	G	F	E	E			● Valor <sup>R</sup>	

# PEA HERBICIDE APPLICATION TIMING AND RESTRICTIONS

Herbicide	Application Timing*	Comments/Restrictions	GPA <sup>1</sup>		Rainfast (hrs)	Aerial Application	Intervals* (Days)		
			Ground	Aerial			Feeding Forage	Grazing Animals	Grain Harvest
Aim EC	PP PRE	Prior to crop emergence.	10	3	6-8	Y	NR	NR	0
Assure II	POST	Apply up to 60 days before harvest of dry peas, or 30 days for succulent peas. 5 GPA arid areas.	10	3,5	1	Y	NO	NO	30,60
Basagran/Basagran 5L	POST	Apply after 3 pair of leaves or 4 nodes. PHI 30 days dry, 10 days succulent.	10-20	5	4	Y	NR	NR	10,30
BroadAxe XC/Spartan Elite	PP PRE	FALL after harvest or fallow. Apply when <55° F and falling. Apply up to 3 days after planting. PPI 2".	10	5		Y	60,120	60,120	NR
Buckle	PP	PPI spring only.	NA	NL		NL	NR	NO	NR
Charger Max/ Dual II Magnum or Charger Basic/ Dual Magnum	PP PRE	PP FALL or PPI spring up to 14 days prior to planting. Before crop or weeds emerge. PHI for hay is 120 days.	5	2	-	Y	60,120	NR	NR
Cornerstone Plus/ Tomahawk 4 or Cornerstone 5 Plus/ Tomahawk 5	PP PRE	Apply to emerged weeds. Apply to emerged weeds prior to crop emergence.	3-40	3-15	S	Y	56	56	NR
Dimetric EXT/ Metricllude	PP PRE POST	Rain or mechanical incorporation is needed. Rain or mechanical incorporation is needed. Weeds <2" and crop <6" tall.	10 20	5 5	6-8	Y	40	40	50
Durango DMA/Duramax	PP PRE PH	Apply to emerged weeds. Apply to emerged weeds prior to crop emergence. Apply to dry peas at the hard dough stage (30% moisture or less).	3-40	3-15	S	Y	NO	NO	14
Far-Go/Far-Go Granular Framework/Prowl H2O	PPI PP	PPI spring only. FALL PP or PPI. PPI up to 60 days prior to planting.	10 10	NL 5	- -	NL Y	NR NO	NL NO	NL NR
Gramoxone SL/SL 2.0	PP PRE PH	Before planting to emerged weeds. Apply to emerged weeds prior to crop emergence. Apply when crop is mature.	10 20	5 5	0.5	Y	NR	NR	NR 7
Kerb SC	POST	Apply mid-FALL to early winter (Nov- Jan) early POST to 2nd node peas in ID, OR, and WA.	20-50	5-10		Y	NO	NO	NR
MCPA	POST	For PNW only. Apply after 3rd node and before first flowering or 4-6" peas.	15-30	5	1-4	Y	NO	NO	NR
Optify	PGR	Plant Growth Regulator. Soil applications can begin prior to planting and continue while plants are in vegetative stage. Formulate with liquid fertilizer and/or through irrigation system. Foliar applications may begin when plants are ≥ 4-leaf stage of development. Best to apply before leaf hardening.	5 <sup>foliar</sup>	NO		NO	NL	NL	0
OpTill	PP PRE	Dry field pea only. Apply preplant, maximum of 30 days before planting in Region 2 for no-till or minimum tillage systems. PPI all regions within 1 week of planting. Prior to crop emergence.	5	3	1	Y	65	65	NR
Poast	POST	PHI 15 days succulent, 30 days dry.	5-20	5-10	1	Y	NR	NR	15,30
Prowl H2O		See Framework.							
Pursuit 2L	PP PRE POST	PPI up to 1 week before planting and 3 days after plantng. Up to 3 days before planting or before crop emergence, depending on area. PHI 30 days English and southern, 60 days others.	10	5	1	Y	NO	NO	30,60
Pursuit Plus	PP	PPI within 1 week of planting. PHI 30 days succulent, 60 days others.	10	NL	-	NL	NO	NO	30,60
Raptor	POST	Apply to dry pea with at least 3 pairs of leaves or English pea 3" but prior to 5 node.	10	5	1	Y	NR	NR	NR
Reflex	PRE	Irrigation or rainfall after application will improve weed control.	10	5	-	Y	NO	NO	46
Rhomene	POST	Apply after 3 node before first flowering to 4-6" peas.	5-30	2-10	4	Y	NO	NO	NR
Roundup PowerMAX/ WeatherMAX	PP PRE PH	Apply to emerged weeds. Apply to emerged weeds prior to crop emergence. Apply to dry peas at the hard dough stage, 30% moisture or less.	3-40 3-20	3-15	S	Y	NR NO	NR NO	NR 7
RT 3	PH	Apply to dry peas at the hard dough stage, 30% moisture or less.	3-40	3-15	S	Y	NO	NO	7
Section Three	POST	Apply before bloom. PHI 21 days succulent, 30 days for dry shelled.	5-40	3-10	1	Y	NR	NR	21,30
Select 2 EC/Cleanse	POST	Apply before bloom. PHI 21 days succulent, 30 days for dry.	5-40	3-10	1	Y	NR	NR	21,30
Select Max	POST	Apply before bloom. PHI 21 days succulent, 30 days shelled.	5-40	3-10	1	Y	NR	NR	21,30
Sequence	PP PRE	Up to 30 days before planting. PHI 120 days for hay. Apply prior to crop emergence.	10-40	3-15	S	Y	NR,120	NR	NR

\* Application Timing and Intervals  
PP- Preplant surface, unless otherwise specified  
PPI- Preplant incorporated

PRE- Preemergence  
POST- Postemergence  
PGR - Plant growth regulator  
PH- Preharvest

NR- No restrictions  
NO- Not permitted  
NL- No related information on label

S - Heavy rainfall soon after application may require retreatment.  
1 Includes minimum or range.

# PEA HERBICIDE APPLICATION TIMING AND RESTRICTIONS

Herbicide	Application Timing*	Comments/Restrictions	GPA <sup>1</sup>		Rainfast (hrs)	Aerial Application	Intervals* (Days)		
			Ground	Aerial			Feeding Forage	Grazing Animals	Grain Harvest
Sharpen	PP PRE	Apply as burndown or PPI for dry field pea only, PPI for English or sugar snap. Before crop emergence or cracking stage.	5	3	1	Y	65	65	NR
Sonalan 10G	PP	PPI FALL or spring before planting.	NA	NL	-	NL	NO	NO	NL
Sonalan HFP	PPI	PPI FALL or spring before planting.	5	NL	-	NL	NO	NO	NL
Spartan 4F	PP PRE	Early PP and FALL in certain states. PPI prior to planting. Up to 3 days after planting, but not after crop emerges, or if seedling is close to surface.	10	5	6	Y	NR	NR	NR
Spartan Charge	PP PRE	FALL in certain states or spring. Up to 3 days after planting.	10	5	1	Y	NR	NR	NR
Targa	POST	Apply up to 60 days before harvest of dry peas, or 30 days for succulent peas. 5 GPA arid areas.	10	3,5	1	Y	NO	NO	30,60
Thistrol	POST	Apply from shoot emergence until about 3 leaf nodes before flowering.	20-40	5-10		Y	NO	NO	NR
Treflan TR-10	PP	PPI in spring before planting. FALL applied in ID, OR, WA.			-	Y	NR	NR	NR
Trust/Treflan HFP	PP	PPI in spring before planting. FALL applied in ID, OR, WA.	5-40	5-10	-	Y	NR	NR	NR
Valor	PH	PH when crop is mature and > 80% of pods are yellowing and mostly ripe with no more than 30-40% of leaves still green. Add Cornerstone 5 Plus/Tomahawk 5 for additional weed control.	15-30	7-10	1	Y	NO	NO	5
Varisto	POST	After at least 3 pairs of leaves but before bloom stage to actively growing weeds. Use may lead to crop injury, loss, or damage: Test product to determine its suitability. Do not apply when T >90° F	10-20	5	4	Y	NL	NL	30
Vida	PP	Apply up to 1 day before planting.	10	5	1	Y	NL	NL	NI

\* Application Timing and Intervals  
PP- Preplant surface, unless otherwise specified

PPI - Preplant incorporated  
PRE - Preemergence  
POST - Postemergence  
PGR - Plant growth regulator

PH - Preharvest  
NR - No restrictions  
NO - Not permitted  
NL - No related information on label.

S - Heavy rainfall soon after application may require retreatment.  
1 Includes minimum or range.

# PEA WEED CONTROL

## Preplant or Preemergence Herbicides

Herbicide	Rate/Acre			Comments/Restrictions
	Coarse*	Medium	Fine	
<b>AIM EC</b>	0.75-1.5 fl oz + 0.5 gal HSOC-COC <sup>1</sup> /100 gal			PP or PRE. Prior to crop emergence to emerged weeds.
<b>BROADAXE XC/ SPARTAN ELITE</b>	Do not use  19-26 fl oz  21-26 fl oz	<1.5% O.M. 19-26 fl oz 1.5-3% O.M. 21-32 fl oz >3% O.M. 26-32 fl oz	19-26 fl oz  26-32 fl oz  32-38.7 fl oz	PP, PRE, or PPI. FALL after harvest or fallow fields when soil temperature is 55° F and falling. See label for timing and geographic restrictions. Apply up to 3 days before planting. PPI 2". Maximum 38.7 fl oz/A/crop year. For soils with pH > 7.2, use lowest rate for OM and texture. Do not use on soils with <1% OM.
<b>BUCKLE</b>	10-12.5 lb	10-12.5 lb	10-12.5 lb	PP. For spring application only. Apply higher label rates on heavy weed infestations. Do not use on pea-oat mixtures.
<b>CHARGER MAX/ DUAL II MAGNUM or CHARGER BASIC/ DUAL MAGNUM</b>	1-1.33 pt  1.33 pt	<3% O.M. 1.33-1.67 pt ≥3% O.M. 1.33-1.67 pt	1.33-1.67 pt  1.67-2 pt	PP, PPI, or PRE. For use only on English or southern peas such as blackeye, pinkeye, crowder, etc. May not be used preplant incorporated on English peas. Do not use on English peas in northeastern U.S. Apply preplant incorporated up to 14 days prior to planting. Do not cut for hay within 120 days of application, or illegal residues may result. May be FALL applied in certain states as labeled.
<b>CORNERSTONE PLUS/ TOMAHAWK 4 or CORNERSTONE 5 PLUS/ TOMAHAWK 5</b>	Up to 48 fl oz or Up to 36 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>			PP or PRE. Apply to emerged grasses and broadleaf weeds any time prior to crop emergence. See label for perennial rates. <sup>a</sup> Include NIS or WC+NIS <sup>2</sup> as needed.
<b>DIMETRIC EXT/ METRICLUDE EXT</b>	0.25-0.5 lb			PP, PPI, or PRE. For use on peas only ID, OR, and WA. Apply before or after planting. A thorough incorporation by rainfall or mechanical means into the top 1-2 inches of soil is essential for adequate weed control. Do not apply to seedings less than 2" deep. Do not use on coarse-textured soils, sands or soils with less than 1.5% organic matter. Do not use on clay knobs or poorly covered subsoils. Crop injury may result if crop is under stress from cold weather, low fertility, disease or insect damage. Crop injury may result if heavy rains follow application. Do not apply more than 0.67 lb per acre per year. See label for further information and precautions.
<b>DURANGO DMA/ DURAMAX</b>	Up to 48 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>			PP or PRE. Apply to emerged grasses and broadleaf weeds any time prior to crop emergence. See label for perennial rates. <sup>a</sup> Include WC+NIS <sup>2</sup> as needed.
<b>FAR-GO or GRANULAR FAR-GO</b>	1.25 qt or 12.5-15 lb			PPI. For spring application only. Do not use on pea-oat mixtures. Apply just before or immediately after seeding and before wild oats germinate. Incorporate within 48 hours. Apply lower rates on light soils and higher rates on heavier soils.
<b>FRAMEWORK or PROWL H2O</b>	1.2-1.8 pt 1.5 pt  1.8 pt 1.5 pt	<b>FALL PP or PPI</b> 1.8-2.4 pt 2 pt  <b>PPI</b> 2.4 pt 2 pt	2.4-3.6 pt 3 pt  3.6 pt 3 pt	FALL PP or PPI in ID, MN, MT, ND, OR, SD, WA, and WY. Do not apply to peas, pea forage, pea silage, pea hay or pea straw grown for livestock feed. Do not apply PRE in peas. For use in English, dry garden, dwarf, green, pigeon, edible pod, peas and lentils. Can be applied PPI up to 60 days prior to planting. Do not use on peat or muck soils. See label. Prowl H2O may be applied up to 30 days before planting at 1-3 pt/A depending on soil texture in ID, MT, ND, OR, and WA in no- or minimum-tillage systems.
<b>GRAMOXONE SL/SL 2.0</b>	2-4 pt + 1 pt NIS/100 gal			PP or PRE. Apply to emerged grasses and broadleaf weeds any time prior to crop emergence. Thorough coverage is essential.
<b>OPTIFY</b>	5-12 fl oz			Plant Growth Regulator. Apply 5 fl oz/A at planting with liquid fertilizer. Broadcast, side or top dress: 8-12 fl oz/A. Via irrigation: 8 fl oz/A. Best results when applied with nutrients. Repeat application ≥7 days. Do not apply >24 oz/A/season.
<b>OPTILL</b>	1.5 oz + 0.75 pt HSOC-MSO or HSOC-COC <sup>1</sup> + 8.5-17 lb AMS or 1.25-2.5 gal UAN/100 gal			For dry field pea only and succulent pea in IL, IA, MN, NY, WI. PP or PRE. Apply preplant; maximum of 30 days in Region 2 for minimum no-till systems, tillage or PPI within 1 week before planting. PRE before cracking stage or crop emergence.
<b>PROWL H2O</b>	SEE FRAMEWORK			

\* Coarse – Sand, loamy sand, sandy loam.  
Medium – Loam, silt, silt loam.  
Fine – Silty clay loam, sandy clay loam, silty clay, sandy clay, clay loam, clay.

\*May use other glyphosate herbicides: Roundup brands, Cornerstone/Tomahawk brands, Durango DMA/Duramax, or others at labeled rates.

O.M. – Soils with low organic matter - use lower rate, with high organic matter – use higher rate within the range.

<sup>1</sup> Between and Superb HC (COC) and Succeed/Ultra and Destiny HC (MSO) are HSOC adjuvants, generally used at half standard COC or MSO rates.

<sup>2</sup> Class Act NG or Flex, Alliance, or Ultra-Lite may be used where herbicides require NIS and AMS or a water conditioner.

# PEA WEED CONTROL

## Preplant or Preemergence Herbicides (continued)

Herbicide	Rate/Acre			Comments/Restrictions
	Coarse*	Medium	Fine	
<b>PURSUIT 2L</b>	<b>Dry edible, succulent, and English peas</b> 3 fl oz <b>Southern peas</b> 4 fl oz			Use in all states except NV, UT, ID, OR, WA, MT, CA, AZ, VT, MA, RI, ME, NH, and CT. Apply PPI up to 1 week before planting and 3 days after planting. In MI, DE, MD, and VA (Delmarva) peninsula, DO NOT apply more than 2 fl oz of Pursuit 2L to sands or loamy sand soils. In North Dakota or north of Highway 210 in Minnesota, DO NOT apply more than 2 fl oz of Pursuit 2L. For ID, MT, NV, OR, UT, and WA, may apply 3 oz PP up to 30 days, PPI within 1 week of planting, or PRE prior to crop emergence.
<b>ROUNDUP POWERMAX/ WEATHERMAX**</b>	11-32 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>			PP or PRE. Apply to emerged grasses and broadleaf weeds any time prior to crop emergence. See label for perennial rates. <sup>a</sup> Include WC+NIS <sup>2</sup> as needed.
<b>SEQUENCE</b>	2.5-4 pt			PP or PRE. Prior to crop emergence. See label for restrictions on pea type, use rate and other information. AMS improves control of emerged weeds.
<b>SHARPEN</b>	0.75-1 fl oz + 0.75 pt HSOC-MSO <sup>1</sup> + 8.5-17 lb AMS or 1.25-2.5 gal UAN/100 gal			PP or PRE. 0.75 fl oz/A maximum on succulent peas. Apply as a burndown, or before crop emergence or cracking stage. Do not apply with or within 30 days of (Group 14 herbicides) flumioxazin or sulfentrazone. PPI and PRE up to 3 days after planting but before cracking stage or emergence to edible peas.
<b>SONALAN 10G</b>	5.5-7.5 lb	5.5-7.5 lb	7.5 lb	PPI. Dry peas. Two incorporation passes are necessary. First application should occur as soon as possible (< 48 hours). For best results, the second application should be delayed 3-5 days. Use equipment capable of thoroughly and uniformly mixing Sonalan 10G into the top 2-3" of the seedbed.
<b>SONALAN HFP</b>	1.5-2 pt	1.5-2 pt	2 pt	PPI. Dry peas. Incorporate within two days of application with equipment that uniformly mixes into the top 2-3" of soil. See label for rotation to sugarbeets. Provides control of kochia, Russian thistle, pigweed and lambsquarter in addition to foxtail species.
<b>SPARTAN 4F</b>	2.25-4 oz	2.25-6 oz	2.25-8 oz	PP, PPI, or PRE. Dry field pea. Apply in FALL in ND, SD, MT, MN, WY, CO, NE, KS, WI, MI, OR, ID, WA, or MT. Apply PRE up to 3 days after planting. Rates vary by O.M. and pH. Use lower rates within the range on pH over 7. Read the vegetable disclaimer on the back of the label for dry field pea.
<b>SPARTAN CHARGE</b>	3-3.75 fl oz	<1.5% O.M. 3.75-5.75 fl oz 1.5-3% O.M. 5-7.75 fl oz	3.75-5.75 fl oz 5.75-7.75 fl oz 6.5-10.2 fl oz	PP or PRE. Certain states only for dry field pea. Rates vary by O.M., pH, and soil type. Use lower rates within the range of pH over 7.0. Apply in FALL, spring, or PRE up to 3 days after planting but before crop seedlings break the soil surface. <sup>a</sup> Requires WC-NIS <sup>2</sup> . PRE - see label for rates and information.
<b>SPARTAN ELITE</b>	SEE BROADAXE XC.			
<b>TRUST/TREFLAN HFP or TREFLAN TR-10</b>	<b>Dry peas and English peas - Spring</b> 1 pt 1-1.5 pt 1.5 pt 5 lb 5-7.5 lb 7.5 lb <b>Dry peas and English peas - FALL</b> 1 pt 1.25-1.5 pt 1.5 pt 5 lb 6.25-7.5 lb 7.5 lb <b>Southern peas</b> 1 pt 1.25-1.5 pt 1.5-2 pt 5 lb 6.25-7.5 lb 7.5-10 lb			PPI. Apply in spring before planting and incorporate within 24 hours. May be applied in the FALL to dry and English peas in ID, OR, or WA. See label for rates with various O.M., application and incorporation instructions and precautions.
<b>VALOR</b>	2 oz			For use in ID, MT, OR, WA only. PP or PRE within 2 days of planting field peas.
<b>VIDA</b>	0.5-2 fl oz + 0.5 gal HSOC-COC <sup>1</sup> /100 gal			PP up to 1 day before planting to emerged weeds.

\* Coarse – Sand, loamy sand, sandy loam.  
 Medium – Loam, silt, silt loam.  
 Fine – Silty clay loam, sandy clay loam, silty clay, sandy clay, clay loam, clay.

\*\*May use other glyphosate herbicides: Roundup brands, Cornerstone brands, Durango DMA/Duramax, or others at labeled rates.

O.M. – Soils with low organic matter - use lower rate, with high organic matter – use higher rate within the range.

<sup>1</sup> Between and Superb HC (COC) and Succeed/Ultra and Destiny HC (MSO) are HSOC adjuvants, generally used at half standard COC or MSO rates.

<sup>2</sup> Class Act NG or Flex, Alliance, or Ultra-Lite may be used where herbicides require NIS and AMS or a water conditioner.

# PEA WEED CONTROL

## Postemergence Herbicides

Herbicide	Rate/Acre	Comments/Restrictions
<b>ASSURE II</b>	8-10 fl oz + 0.5 gal HSOC-COC <sup>1</sup> /100 gal	For use on dry and succulent peas only in ID, MT, OR, and WA. Apply when grass weeds are 2-4" tall and up to where pea plants set pods. Do not apply within 60 days of harvest for dry peas and 30 days for other peas. The maximum use rate is 14 oz per acre per season. Do not graze treated fields or harvest for forage or hay. See label for application information and precautions.
<b>BASAGRAN/BASAGRAN 5L</b>	1.5-2 pt/0.8-1.6 pt + 1 qt NIS or 2 qt HSOC-MSO <sup>1</sup> or 2 qt HSOC-COC <sup>1</sup> /100 gal	Apply when weeds are small and peas have at least 3 pair of leaves or 4 nodes. Do not add oil or surfactants to tank mixes. Do not harvest within 30 days of application. Livestock grazing or feeding is allowed. See label for application information precautions. Do not apply alone in GA or SC.
<b>CLEANSE</b>	6-8 fl oz	Do not apply >8 fl oz/A or more than one application/year. Before bloom but <30 days (dry) or <21 days (succulent) before harvest.
<b>CORNERSTONE 5 PLUS</b>	1 qt	Spot treatment only. Apply in 10-20 gallons of water using ground application equipment or use a 2% solution in a hand-held sprayer.
<b>DIMETRIC EXT/ METRICLUDE EXT</b>	<b>Spring peas</b> 0.17-0.33 lb <b>Winter peas</b> 0.25-0.33 lb	For use only on peas in ID, OR, and WA. Apply when weeds are less than 2" tall or in diameter and before the crop is 6" tall. Do not apply within 24 hours of any other pesticide application. Do not use on coarse-textured soils, sands or soils with less than 1.5% organic matter. Do not use on clay knobs or poorly covered subsoils. Crop injury may result if crop is under stress from cold weather, low fertility, disease or insect damage. Crop injury may result if heavy rains follow application. Do not apply within 50 days of harvest. Do not graze or feed treated vines to livestock until 40 days after application. See label for further information and precautions.
<b>DURANGO DMA/ DURAMAX</b>	Up to 19 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>	For dry pea. Apply when crop is physiologically mature hard dough stage (30% or less moisture). PHI 14 days. Supplemental label ID, MN, MT, NE, ND, OR, SD, and WA (exp. date not given) for up to 24 fl oz/A preharvest and spot treatments in dry peas. <sup>a</sup> Include WC+NIS <sup>2</sup> as needed.
<b>KERB SC</b>	2-3.5 pt	Apply from mid-FALL to early winter (November to January) as an early POST. Peas should be 2nd node. Labeled only in ID, OR, WA.
<b>MCPA AMINE</b>	0.5-0.75 pt	For PNW only. Apply after the 3rd node and before first flowering or 4-6" peas. Do not spray stressed peas or when temperatures exceed 90° F. Do not graze or feed vines. Do not treat bean-type peas.
<b>OPTIFY</b>	8-12 fl oz	Plant Growth Regulator. Broadcast, side or top dress: 8-12 fl oz/A. Via irrigation: 8 fl oz/A. Foliar: Apply ≥6 fl oz/A in minimum 5 GPA directly to foliage of actively growing plants. Best results when applied with nutrients. Repeat application ≥7 days. Do not apply >24 oz/A/season.
<b>POAST</b>	0.5-1.5 pt + 1 pt HSOC-COC <sup>1</sup>	See label for rate according to weed size. PHI 30 days dry or 15 days succulent. See label for additional application information and restrictions.
<b>PURSUIT 2L</b>	<b>Dry, edible, succulent and English peas</b> 3 fl oz + 1 qt NIS/100 gal <b>Southern peas</b> 4 fl oz + 1 qt NIS/100 gal	Use in all states except NV, UT, ID, OR, WA, MT, CA, AZ, VT, MA, RI, ME, NH, and CT. Apply to dry edible peas, English peas, and southern peas at least 3" in height but prior to 5 nodes and before flowering. Trifluralin prior to Pursuit application may increase the likelihood and severity of crop injury. NIS must be added to the spray solution. In MI, DE, MD, and VI (Delmarva) peninsula, DO NOT apply more than 2 fl oz/A of Pursuit 2L to sands or loamy sand soils. In North Dakota or north of Highway 210 in Minnesota, DO NOT apply more than 2 fl oz/A of Pursuit 2L. In ID, MT, NV, OR, UT, and WA apply 2 fl oz/A POST to dry edible peas only.
<b>RAPTOR</b>	4 fl oz + 1 qt NIS/100 gal	POST. Apply when dry peas have at least 3 pairs of leaves, and English peas at least 3 inches but prior to 5 nodes. English peas only in DE, IN, IL, IA, MD, MN, NY and WI. COC and AMS can be used with Raptor for enhanced weed control when 6-16 oz/A Basagran is used as a safener.
<b>RHOMENE MCPA</b>	0.25-0.75 pt	For PNW canning peas only. Apply after the 3rd node and before first flowering or 4-6" peas. Do not spray stressed peas or when temperatures exceed 90° F. Do not graze or feed.
<b>SECTION THREE</b>	4-5.33 fl oz	30 day PHI for dry shelled pea and 21 day PHI for succulent shelled pea. Apply before bloom. Use 1 pt/A of HSOC-COC or HSOC-MSO <sup>1</sup> , WC+NIS <sup>2</sup> or 8.5-17 lb/100 gallons of AMS.
<b>SELECT MAX</b>	9-16 fl oz + 1 qt NIS/100 gal	Includes shelled and succulent shelled. Maximum of 1 application. Apply before bloom. PHI 30 days shelled, 21 days succulent.
<b>SHARPEN</b>	1-2 fl oz	For a harvest aid/dessication. Add HSIC-MSO <sup>1</sup> at 0.5 pt/A and apply in > 15 GPA of water. PHI of 3 days.

<sup>1</sup> Between and Superb HC (COC) and Succeed/Ultra and Destiny HC (MSO) are HSOC adjuvants, generally used at half standard COC or MSO rates.

<sup>2</sup> Class Act NG or Flex, Alliance, or Ultra-Lite may be used where herbicides require NIS and AMS or a water conditioner.

# PEA WEED CONTROL

<b>Postemergence Herbicides (continued)</b>		
<b>Herbicide</b>	<b>Rate/Acre</b>	<b>Comments/Restrictions</b>
<b>TARGA</b>	8-10 fl oz + 0.5 gal HSOC-COC <sup>1</sup> /100 gal	Do not apply within 60 days of harvest. Do not apply to succulent peas within 30 days of harvest. Maximum use rate is 14 fl oz/A/season.
<b>THISTROL</b>	2-6 pt	Apply from pea shoot emergence until about 3 nodes before flowering. Typically pea plants have developed 6-12 nodes at the normal time of Canada thistle treatment. Do not apply Thistrol later than 3 nodes before flowering or after pea flower buds appear, as yield may be adversely affected. Thistrol rate depends on weed species and weed stage. Most pea varieties can be sprayed safely with Thistrol, however, temporary twisting of some pea varieties may follow application. Do not spray when peas are under moisture stress or when temperatures exceed 90° F. Do not feed treated peas or peas vines to livestock. May be tank mixed with Basagran.
<b>VARISTO</b>	16-21 fl oz	After 3 pairs of leaves but before bloom stage to actively growing weeds at heights specified on label. Adjuvant and nitrogen fertilizer must be used. In MN, MO, ND, SD and WY use 11 fl oz/A mixed with 16 fl oz/A Basagran 5L and a graminicide to control volunteer canola and mustard species weeds.
<b>Preharvest</b>		
<b>THISTROL + BASAGRAN</b>	2-3 pt + 1-1.5 pt	See Thistrol and Basagran labels and sections above for application information and precautions.
<b>GRAMOXONE SL/SL 2.0</b>	1.2-2 pt + 1 pt NIS/100 gal	Dry pea only. PHI 7 days. Apply when the crop is mature. Maximum of 2 qt/A for all preharvest applications. Use 2 pt NIS or 6.4 fl oz of MasterLock by air.
<b>ROUNDUP POWERMAX/ WEATHERMAX</b>	Up to 64 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>	Apply at hard dough, 30% moisture or less. PHI 7 days. Supplemental label CO, ID, IA, MN, NE, ND, OR, SD, WA, WI (exp. date not given) for preharvest and spot-treatment of weeds in dry peas for Roundup WeatherMAX. <sup>a</sup> Include Class Act NG, Class Act Flex or Alliance as needed.
<b>RT 3</b>	Up to 64 fl oz + 8.5-17 lb AMS/100 gal <sup>a</sup>	Apply at hard dough, 30% moisture or less. PHI 7 days. <sup>a</sup> Include WC+NIS <sup>2</sup> as needed.
<b>VALOR</b>	1.5-3 oz	Apply when the crop is mature and a minimum of 80% of pods are yellow to tan and 20% are yellow. Apply in ≥ 15 GPA. Include 0.5 qt/A HSOC-MSO <sup>1</sup> or 1 qt/A other MSO. 1-2 qt UAN/A or 2-2.5 lb AMS/A may improve desiccation. PHI 5 days. Add Cornerstone 5 plus for additional weed control.

<sup>1</sup> Between and Superb HC (COC) and Succeed/Ultra and Destiny HC (MSO) are HSOC adjuvants, generally used at half standard COC or MSO rates.

<sup>2</sup> Class Act NG or Flex, Alliance, or Ultra-Lite may be used where herbicides require NIS and AMS or a water conditioner.



# PEA INSECT CONTROL

## Labeled Insecticides

PEA INSECT*	INSECTICIDE	Admire Pro	Advise Four	Asana XL	Assail 30SG	Baythroid XL	Besiege	Blackhawk	Brigadier	Capture LFR	Coragen	Declare	Diazinon AG500	Dimate 4E/Dimethoate 4E	Entrust SC	Fastac EC/CS	Grizzly Too	Hero	Intrepid 2F	Karate Z/Warrior II	Lannate LV or SP	Leverage 360	Malathion 5	Malathion 5EC	Malathion 8 Flowable	Movement/Movement HL	Mustang Maxx	Paradigm/Lambda-Cy Ag	Radiant SC	Sevin XLR Plus	Sivanto prime	Steed	Tundra/Brigade 2EC/Bifen 2 AG Gold	Volliam Xpress	Xentari/Dipel	
Alfalfa Caterpillar				●		●	●	●	●			●				●	●	●		●	●						●	●			●	●	●	●	●	
Aphid		●	●		●	S																														
Armyworm				●		●	●	●	●	●	●				●	●	●	●	●			●	●	●	●	●	●	●	1			●	●	●	●	●
Cutworm				●		●	●	●	●	●						●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●	●
Grasshopper				●		●	●	●	●							●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●	●
Leafhopper		●	●	●		●	●	●	●							●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●	●
Looper				●		●	●	●							●	●	●	●	●			●	●	●	●	●	●	●	●			●	●	●	●	●
Mite												●								S						S	S							●	S	
Pea Weevil				●		●			●							●	●	●	●			●	●	●	●	●	●	●			●	●	●	●	●	●
Stink Bug						●	●					●				●	●	●	●			S					●	●	●			●	●	●	●	●
Wireworm									●				●														●									

\*Many other insects may be controlled, see label.

S - suppression.



☀ See Insecticide Resistance Management in the TECHNICAL INFORMATION section.

<sup>1</sup> Not for yellow-striped or western yellow-striped.

## BEE ALERT

☀ See Insecticide Classification in the Technical Section for information on insecticide toxicity to bees.

## Insect Treatment Guidelines

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>ALFALFA CATERPILLAR</b> 				<b>ET:</b> apply when 25-30% of the foliage is destroyed or if significant injury to pods is evident or if 1 larva/25 sweeps.
<b>ASANA XL</b>	5.8-9.6 fl oz	3, 21	NO	Do not exceed 19.2 oz/A/season. Preharvest interval is 3 days for green peas, 21 days for dry peas. Note 1.
<b>BESIEGE</b>	6-9 fl oz	7, 21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BRIGADIER</b>	5.6 fl oz	7, 14	-	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. Note 1.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	-	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>FASTAC EC/CS</b>	2.7-3.8 fl oz	1, 21	-	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7, 21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3, 21	-	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7, 21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LANNATE LV or SP</b>	0.75-3 pt LV or 0.25-1 lb SP	1	5, 14	For use on succulent, pigeon, dwarf, green, English, field or edible pod peas. Do not apply > 9 pt/A/year Lannate LV or 3 lb/A/year of Lannate SP. Do not make more than 6 applications per crop. PHI 5 days for forage, 14 days for hay. Note 1 (for Lannate LV).
<b>MUSTANG MAXX</b>	2.72-4 fl oz	1, 21	-	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7, 21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SEVIN XLR PLUS</b>	1 qt	3, 21	14	Edible podded or dried shelled peas. PHI 3 days for fresh and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	-	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC BIFEN 2 AG GOLD</b>	2.1-6.4 fl oz	3	-	Note 1.
<b>VOLIAM XPRESS</b>	6-9 fl oz	7, 21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>WARRIOR II</b>	1.28-1.92 fl oz	7, 21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>APHID</b> 				See Seed Treatment section for additional control options. <b>ET:</b> treatment is suggested if there is more than 1 aphid/pod or 25-30/sweep and >15 days before harvest.
<b>ADMIRE PRO</b>	7-10.5 fl oz	21	-	Soil application.
<b>ADVISE FOUR</b>	8-12 fl oz	21	-	Soil application in-furrow, narrow band over row, or chemigation into root zone. Use 1.4 fl oz/A foliar. PHI 7 days foliar.
<b>ASANA XL</b>	5.8-9.6 fl oz	3, 21	NO	Do not exceed 19.2 oz/A/season. PHI is 3 days for green peas and 21 days for dry peas. Note 1.
<b>ASSAIL 30SG</b>	2.5-5.3 oz	7	-	

PHI – preharvest interval days.


G/F – grazing and feeding interval days.

NO – do not graze or feed.

SEE NOTES AT END OF SECTION.

# PEA INSECT CONTROL

## Insect Treatment Guidelines (continued)

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>APHID (continued)</b>				
<b>BAYTHROID XL</b>	3.2 fl oz	7	NO	For use on dry peas. Suppression only. Note 1.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BRIGADIER</b>	3.8-5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. Note 1.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	–	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>DIMATE 4E/ DIMETHOATE 4E</b>	0.33-0.66 pt	0	21	Not for field pea. Do not make more than 1 application per year. Do not apply if crop or weeds in the area to be treated are blooming. Note 1.
<b>FASTAC EC/CS</b>	3.2-3.9 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals. Control may be variable.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LANNATE LV or SP</b>	1.5-3 pt LV or 0.5-1 lb SP	1	5,14	For succulent, pigeon, dwarf, green, English, field or edible pod peas. Do not apply > 9 pt/A/year LV or 3 lb/A/year SP. Do not make more than 6 applications per crop. PHI 5 days for forage, 14 for hay. Note 1 (for Lannate LV).
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	Note 1.
<b>MALATHION SEC</b>	1.6 pt	3	NO	Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MALATHION 8 FLOWABLE</b>	1 pt	3	NO	Dried peas: ground and foliar application only. Green peas: ground, foliar and aerial application. Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MOVENTO/MOVENTO HL</b>	4-5 fl oz/2-2.5 fl oz	1,7	–	Can be applied by air or ground. Must be tank-mixed with spreading/petrating adjuvant like MSO at 0.5% v/v. PHI 1 day edible podded and succulent, 7 days dry. Note 1.
<b>MUSTANG MAXX</b>	3.2-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SIVANTO PRIME</b>	7-10.5 fl oz	7	7	Note 3.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas. Coverage is essential use. Note 1.
<b>TUNDRA/BRIGADE 2EC</b>	2.1-6.4 fl oz	3	–	Thorough coverage is essential. Note 1.
<b>BIFEN 2 AG GOLD</b>				
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>ARMYWORM</b>				<b>ET:</b> treatment is suggested if there is more than 1 armyworm/25 sweeps. Armyworms will frequent grassy areas of the field.
<b>ASANA XL</b>	5.8-9.6 fl oz	3,21	NO	Do not exceed 19.2 oz/A/season. PHI is 3 days for green peas and 21 days for dry peas. Note 1.
<b>BAYTHROID XL</b>	2.4-3.2 fl oz	7	NO	For yellow striped armyworm in dry peas. Note 1.
	2.1 fl oz	3	NO	Armyworms in southern peas.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried. Apply at 9 fl oz/A for suppression of beet armyworm.
<b>BLACKHAWK</b>	2.2-3.3 oz	3,28	–	PHI 3 days succulent, 28 days dried. Note 2.
<b>BRIGADIER</b>	5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. All except beet. Note 1.
<b>CAPTURE LFR</b>	3.4-6.8 fl oz	–	–	Apply broadcast. Note 1.
<b>CORAGEN</b>	3.5-5 fl oz	1	–	Beet and fall.
<b>ENTRUST SC</b>	4-6 fl oz	3,28	NO	PHI 3 days succulent, 28 days dry peas. Note 1.
<b>FASTAC EC/CS</b>	2.7-3.8 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. All except beet. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>INTREPID 2F</b>	4-16 fl oz	7	–	Use 4-8 fl oz/A early season and 8-16 fl oz/A mid-to-late season. See label for types of armyworms controlled. Note 1.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	Use 1.92 or 3.84 fl oz/A for beet armyworms suppression. PHI 7 days edible or succulent and 21 days dried. Note 1.

PHI – preharvest interval days.


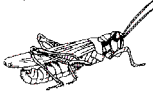
G/F – grazing and feeding interval days.

NO – do not graze or feed.

SEE NOTES AT END OF SECTION.

# PEA INSECT CONTROL

## Insect Treatment Guidelines (continued)

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>ARMYWORM (continued)</b>				
<b>LANNATE LV or SP</b>	0.75-3 pt LV or 0.25-1 lb SP	1	5,14	For use on succulent, pigeon, dwarf, green, English, field or edible pod peas. Do not apply > 9 pt/A/year Lannate LV or 3 lb /A/year of Lannate SP. Do not make more than 6 applications per crop. PHI 5 days for forage, 14 days for hay. Note 1 (for Lannate LV).
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	First and second instar. Note 1.
<b>MUSTANG MAXX</b>	2.72-4 fl oz	1,21	–	Use 3.2-4 fl oz/A for beet and fall. PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	Use 1.92 or 3.84 fl oz/A for beet armyworms suppression. PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>RADIANT SC</b>	3-8 fl oz	3,28	–	Not for yellow- or western-striped. PHI 3 days succulent, 28 days dry. Note 1.
<b>SEVIN XLR PLUS</b>	1-1.5 qt	3,21	14	Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. For control of fall armyworm coverage is essential. Note 1.
<b>TUNDRA/BRIGADE 2EC</b> <b>BIFEN 2 AG GOLD</b>	2.1-6.4 fl oz	3	–	Note 1.
<b>VOLIAM XPRESS</b>	6-9 fl oz	7, 21	NO	Use 9 fl oz/A for beet. PHI 7 days for edible and succulent and 21 days for dried peas.
<b>XENTARI/DIPEL ES</b>	0.5-2 lb/2-4 pt	0	–	Bt. Note 1.
<b>CUTWORM</b>				
				
<b>ASANA XL</b>	5.8-9.6 fl oz	3,21	NO	Do not exceed 19.2 oz /A/season. PHI is 3 days for green peas and 21 days for dry peas. Note 1.
<b>BAYTHROID XL</b>	0.8-1.6 fl oz	7	NO	For dry peas. Note 1.
	2.1 fl oz	3	NO	For southern peas.
<b>BESIEGE</b>	5-8 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BRIGADIER</b>	5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. Note 1.
<b>CAPTURE LFR</b>	3.4-6.8 fl oz	–	–	Apply broadcast. Note 1.
<b>DIAZINON AG500</b>	2-4 qt	7	7	For succulent peas only. For cutworms, broadcast before planting and incorporate into the soil.
<b>DECLARE</b>	0.77-1.28 fl oz	7-21	–	Edible podded only. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>FASTAC EC/CS</b>	1.3-3.8 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	0.96-1.6 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	0.96-1.60 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LANNATE LV or SP</b>	1.5-3 pt LV or 0.5-1 lb SP	1	5,14	Controls variegated cutworm. For use on succulent, pigeon, dwarf, green, English, field or edible pod peas. Do not apply > 9 pt/A/year Lannate LV or 3 lb/A/year of Lannate SP. Do not make more than 6 applications per crop. PHI 5 days for forage, 14 days for hay. Note 1 (for Lannate LV).
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	First and second instar. Note 1.
<b>METHYL 4EC</b>	2 pt	10, 15	–	Methyl parathion. Controls surface feeding and climbing cutworms. Do not apply if crop or weeds in the area are in bloom. PHI 10 days ≤ 1 pt/A; 15 days > 1-2 pt/A.
<b>MUSTANG MAXX</b>	1.28-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	1.92-3.2 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SEVIN XLR PLUS</b>	1-1.5 qt	3,21	14	Best control of surface feeders. Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC</b> <b>BIFEN 2 AG GOLD</b>	2.1-6.4 fl oz	3	–	Note 1.
<b>VOLIAM XPRESS</b>	5-8 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>GRASSHOPPER</b>				
				
<b>ASANA XL</b>	5.8-9.6 fl oz	3,21	NO	Do not exceed 19.2 oz /A per acre per season. PHI is 3 days for green peas and 21 days for dry peas. 3.9-5.8 fl oz/A may be used for first or second instar. Note 1.

PHI – preharvest interval days.

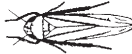
G/F – grazing and feeding interval days.

NO – do not graze or feed.

SEE NOTES AT END OF SECTION.

# PEA INSECT CONTROL

## Insect Treatment Guidelines (continued)

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>GRASSHOPPER (continued)</b>				
<b>BAYTHROID XL</b>	2.4-3.2 fl oz	3	NO	Use 2.1 fl oz/A for southern peas. Note 1.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BRIGADIER</b>	3.8-5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. All except beet. Note 1.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	–	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>FASTAC EC/CS</b>	3.2-3.9 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	Note 1.
<b>MALATHION SEC</b>	1.6 pt	3	NO	Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MUSTANG MAXX</b>	3.2-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC BIFEN 2 AG GOLD</b>	1.6-6.4 fl oz	3	–	Note 1.
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>LEAFHOPPER</b>				See Seed Treatment section for additional control options. <b>ET:</b> treatment is suggested if there is more than 1 aphid/pod or 25-30/sweep and >15 days before harvest.
<b>ADMIRE PRO</b>	7-10.5 fl oz	21	–	Soil application.
<b>ADVISE FOUR</b>	8-12 fl oz	21,7	–	Soil application in-furrow, narrow band over row, or chemigation into root zone. Use 2.8 fl oz/A foliar. PHI 7 days foliar.
<b>ASANA XL</b>	2.9-9.6 fl oz	3,21	NO	Do not exceed 19.2 oz/A/season. Do not feed treated pea vines to livestock. PHI is 3 days for green peas and 21 days for dry peas. Note 1.
<b>ASSAIL 30SG</b>	2.5-5.3 oz	7	–	
<b>BAYTHROID XL</b>	0.8-1.6 fl oz	7	NO	For dry peas. Note 1.
	2.1 fl oz	3	NO	For southern peas.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BRIGADIER</b>	3.8-5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. All except beet. Note 1.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	–	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>FASTAC EC/CS</b>	2.7-3.8 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,4	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	Note 1.
<b>MALATHION SEC</b>	1.25-1.6 pt	3	NO	Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MUSTANG MAXX</b>	2.72-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SEVIN XLR PLUS</b>	1 qt	3,21	14	Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>SIVANTO PRIME</b>	7-10.5 fl oz	7	7	Note 3.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC/ BIFEN 2 AG GOLD</b>	1.6-6.4 fl oz	3	–	Note 1.
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.

PHI – preharvest interval days.



G/F – grazing and feeding interval days.

NO – do not graze or feed.

SEE NOTES AT END OF SECTION.

# PEA INSECT CONTROL

## Insect Treatment Guidelines (continued)

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>LOOPER</b>				
				<b>ET:</b> treat if one or more larva/25 sweeps.
<b>ASANA XL</b>	5.8-9.6 fl oz	3,21	NO	Cabbage looper. Do not exceed 19.2 oz/A/season. PHI is 3 days for green peas and 21 days for dry peas. Note 1.
<b>BAYTHROID XL</b>	2.4-3.2 fl oz	7	NO	For dry peas. Note 1.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>BLACKHAWK</b>	2.2-3.3 oz	3,28	–	PHI 3 days succulent, 28 days dried. Note 2.
<b>BRIGADIER</b>	5.6 fl oz	7,14	–	5.6 fl oz/A dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. All except beet. Note 1.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	–	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>ENTRUST SC</b>	4-6 fl oz	3,28	NO	PHI 3 days succulent, 28 days dry peas. Note 1.
<b>FASTAC EC/CS</b>	3.2-3.9 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>INTREPID 2F</b>	4-16 fl oz	7	–	Cabbage looper. Use 4-8 fl oz/A early season and 8-16 fl oz/A mid-to-late season. Note 1.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LANNATE LV or SP</b>	1.5-3 pt LV or 0.5-1 lb SP	1	5,14	For use on succulent, pigeon, dwarf, green, English, field or edible pod peas. Do not apply > 9 pt /A/year Lannate LV or 3 lb/A/year of Lannate SP. Do not make more than 6 applications per crop. PHI 5 days for forage, 14 days for hay. Note 1 (for Lannate LV).
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	Alfalfa looper. Note 1.
<b>MUSTANG MAXX</b>	3.2-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>RADIANT SC</b>	4-8 fl oz	3,28	–	PHI 3 days succulent, 28 days dried. Note 2.
<b>SEVIN XLR PLUS</b>	1.5 qt	3,21	14	Suppression of alfalfa looper. Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC</b>	2.1-6.4 fl oz	3	–	Note 1.
<b>BIFEN 2 AG GOLD</b>				
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>XENTARI/DIPEL ES</b>	0.5-1.5 lb/ 1-2 pt	0	0	Bt. Up to 2 lb/A for soybean looper. Note 1.
<b>PEA WEEVIL</b>				
				<b>ET:</b> treat if 1 larva/pod or 35/sweep.
<b>ASANA XL</b>	4.8-9.6 fl oz	3	NO	For ID, WA, and OR only. Note 1.
<b>BAYTHROID XL</b>	2.4-3.2 fl oz	7	NO	For dry peas. Note 1.
<b>BRIGADIER</b>	5.6 fl oz	7,14	–	5.6 fl oz/a dry peas, 5.5 fl oz/A for succulent peas. PHI 7 days succulent, 14 days dry. Note 1.
<b>FASTAC EC/CS</b>	2.7-3.8 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LEVERAGE 360</b>	2.4-2.8 fl oz	7	NO	Note 1.
<b>MALATHION 5</b>	1 pt	3	NO	Dried peas: ground and foliar application only. Green peas: ground, foliar and aerial application. Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MALATHION SEC</b>	1.6 pt	3	NO	Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MALATHION 8 FLOWABLE</b>	1 pt	3	NO	Dried peas: ground and foliar application only. Green peas: ground, foliar and aerial application. Maximum of 2 applications/year. 7-day minimum retreatment interval.
<b>MUSTANG MAXX</b>	2.72-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.

PHI – preharvest interval days.


G/F – grazing and feeding interval days.

NO – do not graze or feed.

SEE NOTES AT END OF SECTION.

# PEA INSECT CONTROL

## Insect Treatment Guidelines (continued)

Insecticide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>PEA WEEVIL (continued)</b>				
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SEVIN XLR PLUS</b>	1.5 qt	3,21	14	Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>TUNDRA/BRIGADE 2EC</b>	2.1-6.4 fl oz	3	–	Note 1.
<b>BIFEN 2 AG GOLD</b>				
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.
<b>STINK BUG</b>				<b>ET:</b> treat if 1 or more/100 sweeps.
				
<b>BAYTHROID XL</b>	1.6-2.4 fl oz	7	NO	For dry peas. Note 1.
<b>BESIEGE</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days dried.
<b>DECLARE</b>	1.02-1.54 fl oz	7-21	–	PHI 7 days for edible podded and succulent shelled, 21 days for dried shelled. Do not graze succulent and dried shelled peas and bean. Timing and frequency should be based on locally-determined economic thresholds. Apply in minimum 2 GPA by air.
<b>FASTAC EC/CS</b>	3.2-3.9 fl oz	1,21	–	PHI 1 day succulent/edible and 21 days dried shelled. Apply required by scouting usually at 5 day intervals.
<b>GRIZZLY TOO</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas. Note 1.
<b>HERO</b>	4-10.3 fl oz	3,21	–	Dry and succulent peas. PHI 3 days succulent peas and 21 days dried peas.
<b>KARATE Z/WARRIOR II</b>	1.28-1.92 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>LEVERAGE 360</b>	2.8 fl oz	7	NO	Suppression. Note 1.
<b>MUSTANG MAXX</b>	3.2-4 fl oz	1,21	–	PHI 1 day for succulent shelled or edible podded and 21 days for dried shelled. Note 1.
<b>PARADIGM/LAMBDA-CY AG</b>	2.56-3.84 fl oz	7,21	NO	PHI 7 days edible or succulent and 21 days dried. Note 1.
<b>SEVIN XLR PLUS</b>	1-1.5 qt	3,21	14	Edible podded or dried shelled peas. PHI 3 days for fresh peas and 21 days for dried peas, seed, or hay. Note 1.
<b>STEED</b>	3.5-4.7 fl oz	21	–	PHI 3 days for succulent shelled or edible - podded peas or beans. Note 1.
<b>VOLIAM XPRESS</b>	6-9 fl oz	7,21	NO	PHI 7 days for edible and succulent and 21 days for dried peas.

PHI – preharvest interval days.

G/F – grazing and feeding interval days.

NO – do not graze or feed.

**Note 1:** May be applied through sprinkler irrigation systems (see label).

**Note 2:** Do not feed treated forage or hay to meat or dairy animals following application to dry pea.


**Note 3:** Sivanto prime. Minimal application interval 10 days. Maximum per year: 28 fl oz/A. Minimum application volume ground 10 GPA, air 3 GPA.

# PEA DISEASE CONTROL

## Labeled Fungicides

PEA DISEASE*	FUNGICIDE																					
	Approach	Aprovia Top	Badge SC/Badge X2	BIO-TAM	Bravo Ultrex/Praiz	Confine Extra	Contans WG	Cuprofix Ultra 40 Disperss	Delaro 325 SC	Fontelis	Headline SC	Kocide 2000/3000	Kumulus	Previsto	Priaxor	Proline	Quadris Top	Serenade ASO	Tetraban	Uniform	Vertisan	Xanthion
Alternaria Blight	●	●							●								●	●		●		
Alternaria Leaf Spot	●								●	●					●		●	●	●		●	
Anthrachnose	●	●			●				●	●					●		●	●	●		●	
Ascochyta Blight	●	●			●			●	●	●					●	●	●	●		●		
Ascochyta Leaf and Pod Spot	●															●	●	●			●	
Cercospora Leaf Spot	●	●			●				●	●					●		●					
Downy Mildew	●				●	●				●					●							
Mycosphaerella Blight	●	●						●		●					●							
Powdery Mildew	●	●	●		●			●	●	●	●	●	●	●	●							●
Rhizoctonia Root Rot				So	●												●		So			
Root Rot (Pythium)				So	●												●	So			So <sup>1</sup>	
Rust	●	●			●				●	●					●	●	S	●			●	
Septoria Leaf Spot	●											●										
Southern Blight																		●				
Web Blight																		●				
White Mold	●			So			●		●					S	●		●				●	

\*Other diseases may be controlled, see label.

S- Suppression only.  See Fungicide Resistance Management in the TECHNICAL INFORMATION section

So - soil applied.

<sup>1</sup> 24c, 2ee or Supplemental label.

## Disease Treatment Guidelines

Fungicide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>APPROACH</b>	6-12 fl oz	14, 0	–	PHI 14 days for seed, 0 days for vine and hay. Apply prior to disease development, continue on 7-14 day interval. 8-12 fl oz for white mold. Notes 1, 2.
<b>APROVIA TOP</b>	10.5-11 fl oz	14	–	For control of diseases in dried shelled peas only. No more than 2 applications on a 7-day interval. All other applications must be applied no closer than a 14-day interval. No more than 22 fl oz/A/year. See label for annual a.i. restrictions.
<b>BADGE SC OR BADGE X2</b>	0.5-2.5 pt or 0.5-2.5 lb	0	NR	Begin applications when disease symptoms first appear and repeat at weekly intervals. Use higher rates when conditions favor disease development. Badge X2 is OMRI listed.
<b>BIO-TAM</b>	2.5-5 lb	–	–	Can be applied in-furrow (1.5-3 oz/1000 row') and banded (2.5-3 lb). Broadcast apply at sowing, restart of vegetative growth, and before the infection risk period. Note 2.
<b>BRAVO ULTREX or PRAIZ</b>	1.25-1.8 lb or 1.375-2 pt	14	–	Begin applications at early bloom and continue on 7-10 day interval. Maximum 4 applications/year. Notes 1, 2.
<b>CONFINE EXTRA</b>	1-4 qt	0	–	Apply 1-3 qt/A through foliar in minimum 20 gal/water/A and through aerial in minimum 10 gal/water/A. Apply 2-4 qt/A through irrigation.
<b>CONTANS WG</b>	1-4 lb	0	NR	Apply prior to planting, at planting, or after crop emergence. Incorporate into soil to 2". Make 2 applications, but no more than 8, for maximum efficacy. Note 2.
<b>CUPROFIX ULTRA 40 DISPERSS</b>	1-2 lb	–	–	Begin applications when disease symptoms first appear and repeat at weekly intervals as needed. Notes 1, 2.
<b>DELARO 325 SC</b>	12 fl oz	30	7	Begin applications preventively and continue on a 10- to 14-day schedule. No more than 2 applications/year.
<b>FONTELIS</b>	14-30 fl oz	0	–	Begin applications prior to disease development and continue on a 7-14 day schedule. Maximum 2 sequential applications before switching to a different mode of action. Maximum 72 fl oz/A/year. For control of white mold, make a preventative application at beginning bloom and follow with a 2nd application 7-10 days later.

PHI – preharvest interval days.

G/F – grazing and feeding interval days. NO – do not graze or feed.

**NOTE 1:** May be applied by air.

**NOTE 2:** May be applied by chemigation.

# PEA DISEASE CONTROL

Disease Treatment Guidelines (continued)				
Fungicide	Rate/Acre	PHI	G/F	Comments/Restrictions
<b>HEADLINE SC</b>	6-9 fl oz	21	14	Apply at the onset of disease development. NIS at 0.25% v/v may improve performance. Notes 1, 2.
<b>KOCIDE 2000 or KOCIDE 3000</b>	1-2.25 lb or 0.5-1.25 lb	–	–	Apply after disease appears and repeat every 7 days as necessary. Notes 1, 2.
<b>KUMULUS DF</b>	3-10 lb	–	–	Begin application at an early leaf stage. Repeat every 10-14 days as disease develops. Notes 1, 2.
<b>PREVISTO</b>	0.75-2 qt	0	NR	Begin applications when disease symptoms first appear and repeat at weekly intervals. Use higher rates when conditions favor disease development.
<b>PRIAXOR</b>	4-8 fl oz	7, 21	14	Apply prior to when conditions favor disease development and continue on 7-14 day schedule. PHI 21 days for dry peas, 7 days for succulent peas. Do not use with EC or solvent-based formulations, COC, MSO, OS, MSO/OS, or NIS. Maximum 16 fl oz/A/season. Maximum 2 applications before rotating to another mode of action.
<b>PROLINE</b>	5.7 fl oz	7	7	For control of white mold in dried shelled peas only. For control of ascochyta blight apply Proline at 5 oz/A. For control of white mold apply Proline at 5.7 oz/A. Apply prior to disease on-set. Use the higher use rate when conditions are favorable for severe disease pressure and/or when growing less disease resistant varieties.
<b>QUADRISTOP</b>	12-14 fl oz	14	NR	For dried seed only. Apply when conditions are conducive for disease and repeat on 14-day interval. Maximum 2 sequential applications before alternating to fungicide with different mode of action. Do not apply >56 fl oz/A/crop/year.
<b>SERENADE ASO</b>	2-6 qt	–	–	Bacillus subtilis is a biological fungicide. Begin application soon after emergence or when plant stage and environmental conditions are conducive to disease development. Repeat on 7- to 10-day interval or as needed.
<b>TETRABAN</b>	6-15.5 fl oz	0, 14	–	PHI 14 days for dry pea seeds, 0 days for succulent peas. See label for application instructions and in-furrow or banded rates.
<b>UNIFORM</b>	0.34 fl oz/1000' row			Apply in-furrow in a 7" band.
<b>VERTISAN</b>	14-20 fl oz	21	0	Apply prior to disease development and continue on 7-14 day interval. For control of white mold, apply at beginning bloom and follow with a second application 7-10 days later. Notes 1, 2.
<b>XANTHION</b>	0.6-1.8 fl oz Component A; 3-9 fl oz Component B			Supplemental label (exp. 7/2019): Dried shelled peas; rate based on row spacing (see label); apply in-furrow.

PHI – preharvest interval days.

G/F – grazing and feeding interval days. NO – do not graze or feed.

**NOTE 1:** May be applied by air.

**NOTE 2:** May be applied by chemigation.