

## FIELD PEA

Herbicide	Product/A (ai/A)	Weeds	When to Apply	Remarks and Paragraphs
<b>Refer to page 6 for Fall or Spring Early Preplant Herbicides.</b>				
<b>Soil-Applied Herbicides</b>				
<b>Far-Go</b> (triallate <sup>8</sup> )	<b>1.25 qt EC</b> (1.25 lb)	Wild oat.	PPI.	PPI immediately after application. Two pass incorporation improves weed control. A1-2 B1 C8 G1
<b>Prowl</b> <b>Prowl H2O</b> (pendimethalin <sup>3</sup> )	<b>1.75 to 3.6 pt EC</b> <b>1.5 to 3 pt ACS</b> (0.72 to 1.5 lb)	Grass and some broadleaf weeds.	PPI. Fall or Spring.	Fall apply when soil temperature is less than 45 F to reduce fall herbicide degradation. Adjust rate for soil type. Some pea varieties may be injured. A1-2 B1 B7 E11 G1
<b>Treflan</b> / generic trifluralin <sup>3</sup>	<b>1 to 1.5 pt EC</b> <b>5 to 7.5 lb 10G</b> (0.5 to 0.75 lb)	Poor wild oat and no wild mustard control.		
<b>Sonalan</b> (ethalfluralin <sup>3</sup> )	<b>1.5 to 2 pt EC</b> <b>5.5 to 7.5 lb 10G</b> (0.55 to 0.75 lb)			
<b>Dual/II/Magnum</b> (S/metolachlor <sup>15</sup> )	<b>1 to 2 pt EC</b> (0.95 to 1.9 lb)		Shallow PPI or PRE.	PRE requires precipitation for herbicide activation. Adjust rates for soil type, OM, and pH. Refer to label for rate structure. A1-2 B1 B4 E12 F3 G1
<b>BroadAxe XC</b> <b>Spartan Elite</b> (metolachlor <sup>15</sup> & sulfentrazone <sup>14</sup> )	<b>20 to 32 fl oz EC</b> (0.98 to 1.58 lb & 1.75 to 2.8 oz)	Annual grass and small-seeded broadleaf weeds.		
<b>Spartan Charge</b> (carfentrazone <sup>14</sup> & sulfentrazone <sup>14</sup> )	<b>3.75 to 7.75 floz SE</b> (0.16 to 0.34 oz & 1.48 to 3.05 oz)	Small-seeded broadleaf weeds.		
<b>Authority Edge</b> (sulfentrazone <sup>14</sup> & pyroxasulfone <sup>15</sup> )	<b>3.3 to 11.7 fl oz SC</b> (1.12 to 4 oz & 0.62 to 2.22 oz)	Annual grass and small-seeded broadleaf weeds.		
<b>Authority Supreme</b> (sulfentrazone <sup>14</sup> & pyroxasulfone <sup>15</sup> )	<b>4.3 to 10 fl oz SC</b> (1.12 to 2.6 oz & 1.12 to 2.6 oz)			
<b>Pursuit</b> (imazethapyr <sup>2</sup> )	<b>2 fl oz SL</b> (0.5 oz)	Small broadleaf weeds. No control of ALS-resistant weeds.	Preplant or PRE.	Shallow PPI improves consistency of weed control. PRE requires precipitation for herbicide activation. A1-2 E8 G1
<b>Sharpen</b> (saflufenacil <sup>14</sup> )	<b>1 to 2 fl oz SC</b> (0.36 to 0.72 oz)	Small broadleaf weeds including kochia, pigweed, lambsquarters, nightshade and winter annuals.	EPP, shallow PPI, or PRE.	PRE requires precipitation for herbicide activation. Provides burndown control of small emerged broadleaf weeds including winter-annual species. Refer to label for tank-mix options. A1-2 B1-2 B12
Metribuzin <sup>5</sup>	<b>0.25 to 0.5 lb DF</b> <b>0.38 to 0.75 pt 4F</b> (0.19 to 0.38 lb)	Suppression of lambsquarters, henbit, mustard, and chickweed.	Preplant or PRE.	Contact herbicide requiring small weed size, >20 gpa, and full sunlight. Use only registered formulations. Adjust rate for soil type. Refer to label for application and environment information, and special precautions that may affect weed control and crop safety. Allow a 50 day PHI. A1-2 E7 G1
	<b>0.167 to 0.33 lb DF</b> <b>0.25 to 0.5 pt 4F</b> (0.125 to 0.25 lb)		POST. Weeds: Small.	

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<b>POST-Applied Herbicides</b>				
<b>Basagran 5L /</b> generic bentazon <sup>6</sup> + MSO adjuvant	<b>0.4 to 1.6 pt SL /</b> <b>0.5 to 2 pt applied</b> <b>1 to 4 times.</b> (0.25 to 1 lb)	Small broadleaf weeds and suppression of Canada thistle.	POST. Dry pea: At least 3 pair of leaves or 4 nodes. Broadleaf weeds: <b>Small.</b>	Non-residual, contact herbicide requiring >15 gpa and full sunlight. Add oil adjuvant at 1 to 2 pt/A. Maximum bentazon amount per season is 2 lb/A. Refer to E3 for additional information. A3 E3 G1-2
<b>Pursuit</b> (imazethapyr <sup>2</sup> )	<b>2 fl oz SL</b> (0.5 oz)	Small annual broadleaf weeds.  No control of ALS- resistant weeds.	POST. Pea: At least 3 inches tall but prior to 5 nodes and <b>prior to flowering.</b>	<b>User assumes all risk of crop injury.</b> Add NIS at 1 pt/100 gal or oil adjuvant at 1 to 2 pt/A. Oil adjuvant increases weed control and risk of crop injury. Do not apply during adverse weather conditions. Risk of Raptor carryover is less than Pursuit. Bentazon may be applied sequentially to improve weed control. Refer to E3 for additional information. Bentazon antagonizes Raptor and reduces risk of injury to field pea. A3 A5-8 E3 E8 E10 F4 G1
<b>Raptor +</b> <b>Basagran 5L /</b> generic bentazon <sup>6</sup> (imazamox <sup>2</sup> )	<b>4 fl oz SL +</b> <b>0.4 to 0.8 pt/A SL /</b> <b>0.5 to 1 pt/A SL</b> (0.5 oz + 0.25 to 0.5 lb)	Small annual grass and broadleaf weeds and suppression of Canada thistle.	Weeds: Small.  Allow a 60 day PHI.	
<b>Varisto</b> (bentazon <sup>6</sup> & imazamox <sup>2</sup> )	<b>11 to 21 fl oz SL</b> (0.34 to 0.66 lb + 0.26 to 0.5 oz)			
<b>Thistrol</b> (MCPB <sup>4</sup> )	<b>2 to 6 pt SL</b> (0.5 to 1.5 lb ae)	Small broadleaf weeds.	POST. Pea: Prior to 6 inches tall.	Slight, temporary injury may occur. Do not apply when temperature exceeds 90 F or when peas are stressed. Suppresses Canada thistle. G1 G3
<b>Assure II</b> <b>Targa</b> (quizalofop <sup>1</sup> )	<b>7 to 12 fl oz EC</b> (0.77 to 1.32 oz)	Annual grasses and quackgrass.	POST. Pea: Refer to PHI. PHI:	Add oil adjuvant at 1 gal/100 gal water but not less than 1.25 pt/A. Refer to label for tank-mix options.
<b>Poast</b> (sethoxydim <sup>1</sup> )	<b>0.5 to 1.5 pt EC</b> (0.1 to 0.3 lb)	Annual grasses.	Assure = 60 days. Clethodim = 21 days and prior to bloom.	Refer to Remarks in the POST grass herbicide section under Soybean for methods to avoid antagonism and reduced grass control from broadleaf herbicides. Clethodim may injure pea when applied during bloom. A3 A5-6 E2
<b>Select Max 1EC</b> <b>Select 2EC</b> <b>Shadow 3EC</b> (clethodim <sup>1</sup> )	<b>9 to 16 fl oz EC</b> <b>4 to 8 fl oz EC</b> <b>2.66 to 5.33 EC</b> (1 to 2 oz)	Annual grasses and quackgrass.	Post = 30 days. Grass: Refer to soybean section on page 27.	
<b>Preharvest Herbicides</b>				
Glyphosate <sup>9</sup>	Up to 2.25 lb ae.	Emerged grass and broadleaf weeds.	Prior to harvest. Pea: >80% yellow/ brown pods and <30% seed moisture. PHI: Glyphosate = 7 days.	Use only registered formulations. Add AMS at 8.5 lb/100 gal. <b>Do not apply to field pea grown for seed because reduced germination/vigor may occur.</b> A4-6 B8 D8
<b>Aim +</b> MSO adjuvant (carfentrazone)	<b>1 to 6 oz SL +</b> <b>1 qt/A</b> (0.256 to 1.5 oz)	Desiccant.	Aim = 0 days. paraquat = 7 days. Sharpen = 3 days. Valor = 5 days.	Contact herbicides require >15 gpa and full sunlight. Apply at >10 gpa for ground and >5 gpa for aerial application.
<b>Paraquat<sup>22</sup> +</b> <b>NIS</b>	<b>1.2 to 2 pt 2SL</b> <b>0.8 to 1.3 pt 3SL</b> (0.3 to 0.5 lb)			Apply Aim, Sharpen and Valor with AMS at 8.5 to 17 lb/100 gal water or UAN at 2.5 gal/100 gal water and with glyphosate or paraquat for weed desiccation.
<b>Sharpen +</b> MSO adjuvant (saflufenacil <sup>14</sup> )	<b>1 to 2 fl oz SC +</b> <b>1 to 1.5 pt/A</b> (0.36 to 0.72 oz)			Glyphosate improves weed control from Sharpen and Valor but antagonism may occur on biennial and perennial weeds.
<b>Valor SX</b> <b>Valor EZ +</b> (flumioxazin <sup>14</sup> ) + MSO adjuvant	<b>2 to 3 oz WDG</b> <b>2 to 3 fl oz SC +</b> <b>2 pt</b> (1.02 to 1.53 oz)			<b>Do not apply Sharpen to field pea grown for seed because reduced germination/vigor may occur.</b> A4-8 B8 B11-12