

Table 6. Field peas – Rate per acre, application time and remarks for selected herbicides

Herbicide	Rate Per Acre	Application Time	Remarks
Fall Applied			
BroadAxe XC / SpartanElite	19.0-32.0 oz	Fall	Cost: \$20.75-\$35.00.
Optill	1.5 oz	Fall	Can be tank mixed with other herbicides such as glyphosate for burndown. Cost: \$12.00.
Spartan	3.5-8.0 oz	Fall	Application rate depends on soil type and organic matter. Cost: \$16.50-\$37.50.
Spartan Charge	4.0-10.0 oz	Fall	Use with other herbicides and COC for burndown purposes. Application rate depends on soil type and organic matter. Cost: \$13.75-\$34.50.
Valor SX	2.0-3.0 oz	Fall	Use only with appropriate tank mix partner such as 2,4-D, dicamba, or glyphosate. Cost: \$15.50-\$23.00.
Burndown and Preemergence			
BroadAxe XC / SpartanElite	19.0-32.0 oz	Preplant burndown, EPP, or PRE	Rate depends on soil texture, pH, and organic matter. DO NOT use on coarse textured soils with organic matter <1.5%. Cost: \$20.75-\$35.00.
Spartan Charge	3.0-8.0 oz	Preplant burndown, EPP, or PRE	Apply with COC, AMS, and glyphosate for burndown purposes. Application rate depends on soil type and organic matter. Cost: \$10.25-\$27.50.
Optill	1.5 oz	EPP, PPI, or PRE	Can be tank mixed with other herbicides such as glyphosate for burndown. Cost: \$12.00.
Sharpen	1.0 oz	EPP	If needed, sequential applications can be made at least 30 days apart (no more than 4 ozs/A/plant season). Sharpen can be tank mixed with other Group 14 herbicides. Cost: \$7.00.
Prowl H2O	1.5-3.2 pt	Preplant burndown	Rate based on soil texture and organic matter. Tank mix with or apply a postemergence herbicide following application. Irrigation or rainfall is required to infiltrate the herbicide into the upper soil surface. Cost: \$9.75-\$20.75.
Dual II Magnum	1.0-1.67 pt	PPI, or PRE	Rate based on soil texture and organic matter. Cost: \$15.00-\$25.00.
Pursuit	3.0 oz	Preplant, PPI, and PRE	Must be incorporated into the soil for best results. Postemergence application require use of an adjuvant and nitrogen fertilizer. Can be tank mixed with grass herbicides. Cost: \$11.50.
Postemergence			
Assure II	5.0-10.0 oz	Grasses less than 4" tall	Apply with COC. Cost: \$4.00-\$8.25.
Basagran 5L	1.0-2.0 pt	After 3 pairs of leaves or 4 nodes are present on peas	Best performance when daily temperatures exceed 75 degrees. Apply with UAN or AMS. May tank mix with MCPA, Pursuit, or Raptor. 30 day PHI. Cost: \$10.00-\$20.00.
Poast	1.0-2.0 pt	Grasses less than 4" tall	Apply with 2.5 pounds AMS or 4 to 8 pints of UAN. Maximum seasonal application rate is 4 pints per acre. PHI is 30 days. Cost: \$12.00-\$28.00.
Pursuit	3 oz	Peas have at least one trifoliolate leaf but before 5 nodes and flowering	Apply with NIS at 2 pints/acre. Cost: \$11.50.
Pursuit + Basagran 5L	3 oz + 0.8 pt	After 3 trifoliolate leaves are present until 5 nodes are on the peas	Apply with 1.25 at 2.5 gallons UAN or 12 to 15 pounds per 100 gallons AMS. 30 day PHI. Cost: \$11.50.
Raptor + Basagran 5L	4.0 oz + 1.0 pt	After 3 pairs of leaves are present and prior to bloom	Apply with COC at 1-2% v/v. Cost: \$29.00.
Select Max	9.0-16.0 oz	Before bloom	Apply with NIS at 0.25% v/v. PHI is 21 days. Cost: \$7.75-\$13-75.
Varisto	16.0-21.0 oz	After 3 pairs of leaves are present and prior to bloom	Apply with COC at 1-2% v/v. PHII is 30 days. Cost: \$20.75-\$27.00.
Harvest Aid			
Gramoxone	1.2 - 2.0 pt	Apply when at least 80% of pods are yellowing	Apply using a minimum carrier of 20 GPA for ground or 5 GPA for air. Add NIS at 1qt/100 gal. Do not graze or harvest treated fields for 7 days after spraying.