

# FIELD PEAS

## HERBICIDES FOR WEED CONTROL IN WINTER/FIELD PEAS/ DRY PEAS (ENGLISH OR AUSTRIAN)<sup>1</sup>

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HERBICIDE <sup>2</sup>	MOA	BROADCAST RATE/A		REI/PHI D = days H = hours	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION	POUNDS AI/A		
<b>PRE-PLANT BURNDOWN (REDUCED TILLAGE SYSTEMS)</b>					
<i>glyphosate</i> 4.0 lb ai/A 5.5 lb ai/gal	9	32–64 oz 23–46 oz	1.0–2.0	4H/ —	For burndown control of nearly all vegetation prior to planting.
<i>paraquat</i> 2 lb ai/gal 3 lb ai/gal	22	32–64 oz 21–43 oz	0.49–1.0	1 D/ —	For burndown control of nearly all vegetation prior to planting. Apply in minimum of 10 GPA. <b>Rain-free period: 30 minutes.</b>
<i>saflufenacil</i> Sharpen 2.85SC	14	1.0–2.0 oz	0.022–0.044	12 H/ 0 D	Can be applied up to 30 days before planting. Plant at least 0.5" deep. Improper seed furrow closure will result in delayed crop emergence and stunting. Can be tank-mixed with <i>glyphosate</i> or <i>paraquat</i> . <b>Do not tank-mix with Spartan.</b> Do not apply when seedlings have reached cracking stage or after emergence. <b>Rain-free period: 1 hour.</b>
<b>PRE-PLANT INCORPORATED</b>					
<i>ethalfluralin</i> Sonalan 3HFP	3	16–32 oz/A	0.375–0.75	1 D/ —	Rate depends upon soil texture. Incorporate into soil according to labeled directions.
<i>pendimethalin</i> Prowl 3.3EC Prowl H2O 3.8ASC	3	29–38 oz 24–32 oz	0.75–0.98 0.71–0.95	1 D/ —	Rate depends upon soil texture. Incorporate into soil according to labeled directions. <b>Do not apply Prowl to peas, pea forage, pea silage, pea hay, or pea straw grown for livestock feed.</b>
<i>trifluralin</i> Treflan 4HFP	3	16–32 oz	0.50–1.0	12 H/	Rate depends upon soil texture (16 oz/A = coarse; 16–32 oz/A = medium). Incorporate into soil according to labeled directions.
<b>PREEMERGENCE</b>					
<i>s-metolachlor</i> Dual Magnum 7.62EC	15	16 oz	0.95	1 D/ —	Under cold and wet conditions during germination and emergence, the use of Dual Magnum may delay maturity and/or reduce yields.
<i>sulfentrazone</i> + <i>carfentrazone</i> Spartan Charge 3.5L	14	3.0–3.75 oz	0.07–0.09 + 0.008–0.10	12 H/	Do not apply after crop emergence or if the seedling is close to the soil surface. Do not use on soils classified as sand which have less than 1% OM. Rotation restrictions: field corn = 4 months; cotton = 18 months; wheat = 4 months; peanut/soybean/tobacco = none; sorghum = 10 months.

1. Limited field pea weed control research has been conducted in Georgia. Information provided in this table is also based upon a review of current herbicide labels.

2. Generic formulations of many herbicides are also available. Refer to specific generic labels for rates and times of application. Updated 10/13/2021.

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<b>POSTEMERGENCE</b>					
<i>bentazon</i> Basagran 4L Basagran 5L	6	6–16 oz 4.8–12.8 oz	0.188–0.50	2 D/ 30 D	Apply after peas have 3 pairs of leaves or 4 nodes. <b>Can only be applied when tank-mixed with Pursuit.</b> Do not apply when blooming. Do not use crop oil. Basagran can cause cosmetic pea injury in the form of yellowing, bronzing, speckling, and leaf burn. <b>Rain-free period: 4 hours</b>
<i>clethodim</i> Select Max 0.97EC	1	9–16 oz	0.068–0.121	1 D/ 21 D	Apply with NIS @ 0.25% v/v (1 qt/100 gal). Apply before bloom. Only 1 application is permitted per acre per season. <b>Rain-free period: 1 hour.</b>
<i>imazethapyr</i> Pursuit 2AS	2	3.0 oz	0.047	4 H/ 30 D	Include a NIS at 0.25% v/v (1 qt/100 gals). Apply when peas are 3" tall but before 5 nodes and before flowering. Can be tank-mixed with Basagran. Rotation restrictions: field corn = 8.5 months; cotton = 18 months; wheat = 4 months; peanut/soybean = none; sorghum = 18 months. <b>Rain-free period: 1 hour</b>
<i>sethoxydim</i> Poast 1.5EC	1	16–32 oz/A	0.187–0.375	12 H/ 30 D	Apply with COC @ 1 qt/A. Maximum in-season use rate is 64 oz/A. <b>Rain-free period: 1 hour.</b>
<i>quizalofop</i> Assure II 0.88EC	1	8 oz/A	0.055	12 H/ 60 D	Apply with NIS (0.25% v/v) or COC (1% v/v). Maximum rate that can be applied in a single application is 14 oz/A. Can make up to 2 applications/year (>7 days apart). <b>Rain-free period: 1 hour.</b>

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**WINTER WEED RESPONSE TO FIELD PEA HERBICIDES**

WEED	PPI			PRE		POST				
	SONALAN	PROWL	TREFLAN	DUAL MAGNUM	SPARTAN CHARGE	ASSURE II	BASAGRAN	POAST	PURSUIT	SELECT
annual ryegrass	F–G	F–G	F–G	F–G	P	G–E	P	G–E	P–F	G–E
cutleaf eveningprimrose	G	G	G	G		P	F	P	F–G	P
henbit	P–F	P–F	P–F	F–G		P	P–F	P	F	P
wild radish	P	P	P	P	P	P	P–F	P	G–E	P

Poor = <70%; Fair = 70–79%; Good = 80–89%; Excellent = ≥90%.