

FIELD PEAS

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

Eric P. Prostko—Extension Weed Specialist, Dept. Crop & Soil Sciences

HERBICIDE ²	MOA	BROADCAST RATE/A		REI/PHI D = days H = hours	REMARKS AND PRECAUTIONS
		AMOUNT OF FORMULATION	POUNDS AI/A		
PRE-PLANT BURNDOWN (REDUCED TILLAGE SYSTEMS)					
<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> 3 lb ai/gal	22	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. Rain-free period: 30 minutes.
<i>safinopyracil</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> . Do not tank-mix with Spartan. Do not apply when seedlings have reached cracking stage or after emergence. Rain-free period: 1 hour.
PRE-PLANT INCORPORATED					
<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 H ₂ O 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. Do not apply Prowl to peas, pea forage, pea silage, pea hay, or pea straw grown for livestock feed.
<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.
PREEMERGENCE					
<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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		AMOUNT OF FORMULATION	POUNDS AI/A		
POSTEMERGENCE					
<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. Can only be applied when tank-mixed with Pursuit. 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. Rain-free period: 4 hours
<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. Rain-free period: 1 hour.
<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. Rain-free period: 1 hour
<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. Rain-free period: 1 hour.
<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). Rain-free period: 1 hour.

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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%.