

Relative Effectiveness of Herbicides Available for Use in Peas in New York for 2009¹

(compiled by Julie Kikkert, CCE Regional Vegetable Program and Robin Bellinder, Cornell University)

Key ² E=Excellent G=Good F=Fair P=Poor to None	Rate/A ³	PHI	BROADLEAF ANNUALS										ANNUAL GRASSES				PERENNIALS			
			Lambsquarters	Purslane	Common Ragweed	Pigweed	Smartweed	Galinsoga	Mustard	Nightshade	Velvetleaf	Jimsonweed	Chamomile "daisy"	Barnyardgrass	Crabgrass	Fall Panicum	Foxtail sp.	Quackgrass	Yellow Nutsedge	Canadian Thistle
Pre-Plant Incorporated																				
Treflan HFP (trifluralin)	0.5-0.75 qt		F	F	P	P	P	P	P	P	P	P	P	F	F	G	F	P	P	P
Prowl 3.3EC (pendimethalin)	1.2-3.6 pt		G	G	P	G	F	P	F	P	G	P	P	F	F	F	F	P	P	P
Prowl H ₂ O (pendimethalin)	1.5-3.0 pt		G	G	P	G	F	P	F	P	G	P	P	F	F	F	F	P	P	P
Pre-Emergence																				
Command 3ME (clomazone)	1.3 pt	45 d	F	F	F	P	F	F	P	P	G	P	P	G	G	G	G	P	P	P
Dual Magnum (s-metolachlor)	1.0-2.0 pt		G	G	P	E	P	E	P	G ⁷	P	P	P	F	F	F	F	P	E	P
Post-Emergence																				
Basagran ⁴ (bentazon)	1.0-2.0 pt	10 d	G	F	G	F	G	P	G	G ⁸	G	G?	F	P	P	P	P	P	P	P
Thistrol 2S ⁵ (4-MCPB)	2.0 pt		G	P	P	G	G	P	P	P	P	P	P	P	P	P	P	P	P	F
Raptor ⁶ (imazamox)	3.0 fl oz	30 d	F	F	P	E	F	F	E	E	P	P	P	P	P	P	F	P	P	P
Poast (sethoxydim)	1.0-1.5 pt	15 d	P	P	P	P	P	P	P	P	P	P	P	G	F	G	G	F	P	P
Assure II/Targa (quizalofop P-ethyl)	0.375-0.75 pt	30 d	P	P	P	P	P	P	P	P	P	P	P	F	F	F	F	E	P	P
Select Max (clethodim)	9.0-16.0 fl oz	21 d	P	P	P	P	P	P	P	P	P	P	P	F	G	F	F	G	P	P
PPI, Pre- or Post-Emergence																				
Pursuit (imazethapyr)	2.0-3.0 fl oz	30 d	G ⁹	P	P	E	P	P	E	E	P	P	P	P	P	P	P	P	P	P

¹For information only. Always read NYS approved product labels carefully before use.

²General comparison. Effectiveness may vary with method of application, rate, use of an adjuvant, size of weed, and soil and climatic factors. See label for specific information.

³Weed species controlled depends on rate. Lower rates than listed in this chart will result in poorer weed control.

⁴Peas must have 3 nodes with true leaves before application.

⁵Do not apply later than 3 nodes before flowering.

⁶Apply to peas at least 3 inches tall, but prior to 5 nodes before flowering. Basagran must be used with all Raptor applications.

⁷Eastern Black nightshade only.

⁸Hairy nightshade only.

⁹Only the pre-plant incorporated application is effective.