

# Herbicides for Lima Bean Weed Control in New York\*

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Key to Comparative Effectiveness  E = Excellent G = Good F = Fair P = Poor N = None			BROADLEAF ANNUALS									GRASSES					
												ANNUAL			PERENNIAL		
			Rate/A	PHI	Lambsquarters	Purslane	Common Ragweed	Pigweed	Smartweed	Galinsoga	Mustard	Nightshade	Velvetleaf	Barnyardgrass	Crabgrass	Fall Panicum	Foxtail sp.
<b>Pre-Plant Incorporated</b>																	
Dual Magnum <sup>1</sup> (s-metolachlor)	1.0-2.0 pt	–	G	G	P	E	P	E	P	G <sup>2</sup>	P	E	E	E	E	P	E
Dual II Magnum <sup>1</sup> (s-metolachlor)	1.0-2.0 pt	–	G	G	P	E	P	E	P	G <sup>2</sup>	P	E	E	E	E	P	E
Pursuit <sup>5</sup> (imazethapyr)	2.0-3.0 fl oz	60 d	G <sup>4</sup>	P	P	E	P	P	E	E	P	P	P	P	P	P	P
Prowl <sup>5</sup> (pendimethalin)	1.2-3.6 pt	–	G	G	P	G	F	P	F	P	G	E	E	E	E	P	P
Treflan (trifluralin)	1.0-1.5 pt	–	F	F	P	P	P	P	P	P	P	E	E	G	E	P	P
<b>Pre-Emergence</b>																	
Dual Magnum <sup>1</sup> (s-metolachlor)	1.0-2.0 pt	–	F-G	G	P	E	P	E	P	G <sup>2</sup>	P	E	E	E	E	P	E
Dual II Magnum <sup>1</sup> (s-metolachlor)	1.0-2.0 pt	–	F-G	G	P	E	P	E	P	G <sup>2</sup>	P	E	E	E	E	P	E
Pursuit <sup>5</sup> (imazethapyr)	≤ 3 fl oz	60 d	P <sup>4</sup>	P	P	E	P	P	E	E	P	P	P	P	P	P	P
Sandea <sup>1</sup> (halosulfuron)	0.5-1.0 oz	30 d	E	P	E	E	G	G	G	P	G	P	P	P	P	P	F
<b>Post-Emergence</b>																	
Basagran (bentazon)	1.0-2.0 pt	30 d	G	F	G	F	G	P	G	G <sup>3</sup>	G	P	P	P	P	P	P
Raptor (imazamox)	4.0 fl oz	0 d	F	F	P	E	F	F	E	E	P	P	P	P	F	P	P
Sandea <sup>1</sup> (halosulfuron)	0.5-0.67 oz	30 d	F	P	E	E	P	G	G	P	G	P	P	P	P	P	E
Poast (sethoxydim)	1.0-1.5 pt	15 d	P	P	P	P	P	P	P	P	P	G	F	G	G	F	P
Select Max (clethodim)	12-16 fl oz	21 d	P	P	P	P	P	P	P	P	P	E	E	E	E	G	P

**\* For general comparison only. Effectiveness may vary with method of application, rate, use of an adjuvant, size of weed, soil type and weather. See the Cornell 2015 Guidelines for Vegetable Production for more details. Always read and follow label directions.**

- 1 - Crop injury is possible on coarse soils if heavy rain occurs shortly after application and beans are emerging
- 2 - Eastern black nightshade only
- 3 - Hairy nightshade only
- 4 - Only the pre-plant incorporated application is effective
- 5 - Read the label regarding crop rotational restrictions