

Selected Herbicides* Labeled for Greenhouses

No preemergence herbicides are currently registered the following herbicides only control emerged weeds (only postemergence activity).

Greenhouse and air circulation fans must be off during herbicide application; use large droplet, low pressure type nozzles.

Herbicide	Target Pests	Labeled Crops	PHI (days) / REI (hrs)	Comments
clove oil plus citric acid (<i>BurnOut II</i> , St. Gabriel Lab)	Small broadleaf weeds; poor control of grassy weeds	Ornamental plants	not specified / not specified	OMRI-approved.
clethodim (<i>Envoy Plus</i> , <i>Select Max</i> , Valent; or <i>Arrow</i> , MANA)	Grass weed species only	Envoy Plus only ornaments Select Max or Arrow labeled for numerous food crops	14 to 30 (see label for crop) / 24	Will not control broadleaf weeds. Consult label for recommended spray adjuvants.
d-limonene citrus oil extract (<i>GreenMatch</i> , Marrone Bio Innovations)	Small broadleaf weeds; poor control of grassy weeds	Vegetable and fruit crops	7 / 4	OMRI-approved. Label does not require adjuvant, but manufacturer recommends use of an adjuvant.
diquat dibromide (<i>Reward Landscape and Aquatic Herbicide</i> , Syngenta).	Seedling broadleaf and grassy weeds	Only non-food crops	not specified / 24	Label prohibits the use on food or feed crops; other formulations maybe available (check label before use). Use of a non-ionic surfactant is recommended.
glufosinate (<i>Finale</i> , Bayer)	Broadleaf weeds and small grassy weeds	Ornamental plants	not specified / 12	Not for use in greenhouses with edible plants. Use of ammonium sulfate may improve control.
glyphosate (<i>Roundup Pro</i> , <i>Roundup Original Max</i> , Monsanto; <i>Touchdown Pro</i> , Syngenta)	Broadleaf and grassy weeds	For use in greenhouse with no plants present	0 to 14 (see label for crop) / 4	Other formulations maybe available (check label before use). Consult label for recommended spray adjuvants.
pelargonic acid (<i>Scythe</i> , Dow AgroSciences)	Small broadleaf weeds; poor control of grassy weeds	All plants grown in greenhouses	not specified / 12	

*These were the only herbicides that specifically mentioned use in greenhouses. Before using any pesticide, be sure to read the label to ensure it is labeled for that use.

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