

Table 7.4.1. Herbicides registered for use on strawberries in New York State.

Herbicide	Formulation	Amount of product per treated acre	lb active ingredient
pelargonic acid	Scythe	3-5% solution for annuals 5-7% solution for perennials 7-10% solution for maximum burn down	2.25-20 gal

Apply between rows to suppress weeds or narrow rows. Do not contact desirable foliage. This product may be tank mixed with appropriately labeled glyphosate products at a 1-3% solution plus the labeled rate of glyphosate to enhance burn-down activity.

sethoxydim	Poast COC ²	0.75-2 pt + 2 pt	0.14-0.47
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For perennial grasses, apply higher rates in spring when grasses are 6 inches tall. For annual grasses, apply in spring immediately after harvest, or in late summer. Do not use within 6 weeks of *Sinbar application. Do not mix with other chemicals. Do not use more than 2.5 pt per season.

¹Other glyphosate products may be labeled for the same purpose.

² NIS = non-ionic surfactant; COC = crop oil concentrate.

* = Restricted-use pesticide; may be purchased and used only by certified applicators or used by someone under the direct supervision of a certified applicator.

† = Not for use in Nassau and Suffolk Counties. Pesticide labels that indicate 'Not for use on Long Island, NY' mean that use is prohibited in Nassau and Suffolk Counties only.

Note: Herbicides are usually not banded in strawberry plantings, except when using *paraquat (*Gramoxone Inteon), pendimethalin (Prowl H₂O), or pelargonic acid (Scythe). Read the label.

Table 7.4.2. Weed management with and without herbicides in a strawberry planting.

Year	Month	Herbicide options	Non-herbicidal options
Planting year	April - May	Roundup 30 days before planting. After weeds die, till to prepare for planting. OR Prepare for planting. Apply Chateau or Goal 2XL to prepared planting bed. Wait 30 days after application before planting.	Till to prepare for planting
	May	Prowl H ₂ O prior to planting. Aim EC 24 hrs pre or post plant.	Cultivate
	Mid-June after planting	Fusilade for perennial grasses. Cultivate, and then apply Devrinol ¹ at 5 lb/A. Irrigate after application.	Cultivate.
	Mid-July	Hand weed only.	Cultivate.
	Mid-August	Cultivate, then apply *†Dacthal at 12 lb/A.	Cultivate.
	October	Cultivate.	Cultivate.
	Late November	Devrinol ¹ at 8 lb/A and/or *Sinbar ² , then mulch for winter protection.	Mulch for winter protection.