



SERENE HERBICIDE

Serene is a liquid herbicide for non-selective vegetation control around established perennial food crops such as apple orchards and vineyards.

Serene is specifically designed as a post emergent, foliar active, vegetation management product that is non-selective to green foliage and non-residual in soil.

Active Ingredient:

Acetic Acid 20%

Key Registered Crops:

Apples, Grapes, Cranberries,
Ornamentals

HRAC Group:

Group 0

Packaging Size:

10L, 200L

FEATURES & BENEFITS

- Can be used as often as required
- Leaves no residue – breaks down on contact with soil
- Contains organic surfactant
- Most effective in warm temperatures - above 20° C
- Safe for use around land animals
- Easy to use – easy to store
- Certified organic

SERENE APPLICATION RECOMMENDATIONS

Serene in Solution	Litres / m ²	Litres / ha
Serene Full Strength	5 litres/69.7 m ²	717.5 litres/ha
Serene 1:2.25 Dilution (Serene:Water)	1.53 litres/69.7 m ²	219.5 litres/ha
Serene 1:3.0 Dilution (Serene:water)	1.25 litres/69.7 m ²	179 litres/ha

Serene offers control of annual weeds including Ragweed, Chickweed, Lamb'squarters, Black Medic, and seedling Canada flea-bane. Perennial weeds controlled include Dandelion, Plantain species, Clover species, Wild Carrot, Toadflax, Quack Grass, Tuted Vetch, Hawkweed species, Curled Dock, Canada thistle, Kentucky bluegrass, and Sedges. Apply Serene as a uniform band or as a spot application directed at weeds on the ground between the trunks or vines. Serene is not intended for broader applications outside of these areas such as drive rows. Avoid direct or indirect spray contact to the crop foliage.

FOR APPLES - do not apply to trees established less than one year. Do not apply when plants are under stress. Do not apply after budbreak unless using hooded or shielded application equipment and applicator can ensure spray drift will not come in contact with fruit or foliage.

FOR GRAPES - do not apply to vines established less than two years. Do not apply to grapes that are not trellised or staked unless they are free standing. Do not apply during the period after budbreak through final harvest, unless using shielded application equipment and applicator can ensure spray drift will not come into contact with fruit or foliage.

FOR CRANBERRIES - for suppression only of sedges, spray on weed at rates of 2 – 6% or applied in soil injection at the rates of 6 – 12% (v/v) of active ingredient. Do not apply directly to cranberry. Retreatment is required for regrowth of weeds.

FOR EARLY SEASON ANNUAL WEED CONTROL, when weeds are small (35 leaf) and actively growing; mix a spray solution consisting of 1 L of product for each 3 L of water. Ensure adequate mixing. Spray unwanted vegetation to the point of wetness.

SPOT TREATMENT APPLICATION: Use a single nozzle or handgun applicator to direct the spray and thoroughly wet undesirable foliage.

FOR CONTROL OF LARGER ANNUAL WEEDS AND TOP GROWTH REDUCTION (suppression) of perennial weed growth. Mix a spray solution consisting of 1L of product for each 2.25 L of water. Use an application system, solution volume and adequate spray pressure to ensure complete coverage of unwanted vegetation. Best results with larger weeds will be achieved by spot treatment. Retreatment is required for regrowth of perennial weeds.

FOR CONTROL OF SEEDLING CANADA FLEABANE, LARGER, ESTABLISHED ANNUAL WEEDS, AND TOP GROWTH REDUCTION (SUPPRESSION) OF ESTABLISHED PERENNIAL WEEDS: Use full strength (undiluted) with adequate spray pressure to ensure complete coverage of unwanted vegetation. Best results with larger weeds will be achieved by spot treatment. Retreatment is required for regrowth of perennial weeds.