

Supplemental Labeling



Dow AgroSciences LLC

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Surmount™

EPA Reg. No. 62719-480

Ground Applications On or Around Earthen Roof-Tops

(For Distribution and Use Only within the State of Alabama)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling and the container label must be in the possession of the user at the time of application.
- Read the label affixed to the container for Surmount™ herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Surmount according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Surmount.

This supplemental labeling only permits use by Federal or State Authorities, or those under their supervision, for the ground applications and individual plant applications of Surmount™ herbicide for the control of Opuntia (prickly pear) cactus growing on or around earthen roof-tops.

Directions for Use

Apply Surmount when conditions are favorable for active growth, but only after leaves are fully expanded and terminal growth has slowed. Adequate soil moisture before and after treatment as well as healthy foliage at the time of application is important for optimal effectiveness. Avoid application during cold weather. Application is recommended when daily maximum air temperature has exceeded 50°F for three consecutive days.

Broadcast Application

Apply as specified in the table below in 10 or more gallons per acre by ground equipment. Use higher spray volumes to ensure adequate foliar coverage. A nonionic surfactant or liquid fertilizer at 1-2 quarts per 100 gallons spray solution (0.25% – 0.5% v/v) may improve woody plant control for either broadcast or spot application, especially if plants are drought-stressed. To minimize spray drift, a drift control and deposition aid cleared for application to growing crops is also recommended.

Recommendations for Specific Woody Plants:

Woody Plants Controlled	Broadcast Rate (pt/acre)	Application Timing:
Prickly pear	3 – 4	Avoid application in extremely cold weather. Fall application usually most effective. Do not spray when pads or stems are wet. Mechanical injury that punctures the surface of prickly pear pads or stems immediately before application may improve control. Die back of prickly pear will be slow, and can take up to 2 to 3 years.
Prickly pear - large and/or dense brush	6	

Individual Plant Treatment

Application: Apply with a backpack or power sprayer using sufficient spray pressure to provide uniform plant coverage without forming a mist and direct spray no higher than tops of target woody plants. Use sufficient spray volume to uniformly wet all leaves, stems, and root collars (pad surfaces and stems in the case of prickly pear or other cactus), but avoid runoff. To minimize spray drift, a drift control additive approved for growing crops is recommended. A dye marker may be added to the spray mixture as a means of marking treated plants. Use of a nonionic surfactant at the recommended rate (usually 0.25% to 0.5% v/v) may improve herbicidal efficacy and is recommended.

Use a 0.5% to 1.0% v/v solution of Surmount in water. A coarse droplet size applied with an adjustable cone nozzle is recommended. Application may be made any time of year, but fall application may be most effective. Treatment effects are slow to appear and total plant kill may require 2 to 3 years. Do not spray when the plants are wet. Mechanical injury such as bruising or puncturing of the prickly pear pad surfaces may speed up and improve control.

Mixing Chart for High-Volume Foliar Spray (Label rate range is 0.5 to 1 gallons per 100 gallons or 0.5 to 1% v/v)			
Total Volume of Spray Mixture (gallons)	Amount of Herbicide Required at Specified Rate		Amount of Surfactant
	0.5 gal/100 gal (0.5% v/v)	1 gal/100 gal (1% v/v)	(0.25% v/v)
400	2 gal	4 gal	1 gallon
100	2 qt	4 qt	1 qt
50	2 pt	4 pt	1 pt
25	1 pt	2 pt	8 fl oz
14	9 fl oz	18 fl oz	4.5 fl oz
10	6.4 fl oz	12.8 fl oz	3.2 oz
5	3.2 fl oz	6.4 fl oz	1.6 fl oz
3	2 fl oz	4 fl oz	1 fl oz

Cleaning Instructions for Spray Equipment

To avoid injury to desirable plants, equipment used to apply Surmount should be thoroughly cleaned before reusing to apply any other chemicals.

1. Rinse and flush application equipment thoroughly after use. Flush the entire system at least three times with water, and dispose of rinse water in non-cropland area away from water supplies.
2. During the second rinse, add 1 qt of household ammonia for every 25 gallons of water. Circulate the solution through the entire system so that all internal surfaces are contacted (15 to 20 min.). Let the solution stand for several hours, preferable overnight.
3. Flush the solution out the spray tank through the boom.
4. Rinse the system twice with clean water, recirculating and draining each time.
5. Nozzles and screens should be removed separately.

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