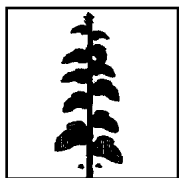




One-minute miracle

Herbicides get a hurry-up call

SYGLARD® 309 Silicone Surfactant is specially developed to improve the performance of water-soluble, post-emergent broadleaf herbicides and help them go to work on weed faster than other adjuvants. In trials, SYLGARD 309 demonstrated penetration of herbicides in less than one minute! That's considerably faster than conventional surfactants. Sudden rainstorms can't affect herbicides already at work beneath the leaf surfaces.



What it is

SYLGARD 309 Silicone Surfactant is a highly efficient silicone polyether copolymer developed to enhance the performance of water-soluble herbicides. When SYLGARD 309 is mixed with herbicides used to control unwanted woody plants and broadleaf weeds, the effect of the herbicides are enhanced. SYLGARD 309 is registered for use with Tordon®101 and several other herbicides, and is continually gaining more registrations.



How it works

When added to a herbicide solution, SYGARD 309 lowers the surface tension, allowing the mixture to spread quickly over the leaf surface rather than bead up. This means more herbicide is delivered to more leaf surface in less time. Faster uptake by the plant results in more consistent control under adverse weather conditions, so worries about impending rain storms are virtually eliminated.



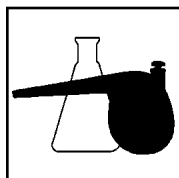
Environmentally responsible

Cleared by the U.S. Environmental Protection Agency as "exempt from tolerance" under EPA 40 CFR 180.1001(c), SYLGARD 309 surfactant proves to be essentially non-toxic. According to EEC Classification, Packaging and Labelling legislation, SYLGARD 309 is classified as non-irritating for skin and eyes and is not likely to be harmful by inhalation. Under normal circumstances, SYLGARD 309 is not expected to be harmful to wildlife, but extreme doses may cause injury. Alone, SYLGARD 309 has not exhibited appreciable phytotoxic responses on a broad range of vegetation.



Application rates

SYLGARD 309 is used as a tank mix with herbicides and mostly utilized in single tem foliar application using a hose and spray gun. Using 0.25% SYLGARD 309 as a percentage of the spray volume will typically achieve optimum herbicide/pesticide enhancement.



Typical properties

Appearance	clear, amber coloured fluid
Viscosity @ 25°C, cST	30
Flash point (closed cup °C)	>100°
Freezing point	<°C
Cloud point	3°C
HLB(calculated)	12
Specific gravity	1.031

For complete information about SYLGARD 309 please contact you local SYLGARD 309 supplier or call **Dow Corning** , toll free, at **1-800-268-5359**

DOW CORNING

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Herbicide with a leading non-ionic organic surfactant (left) beads up, contacts only a small area of plant. Sylgard 309 (right) herbicide rapidly coats leaf.

Super wet for super weed control

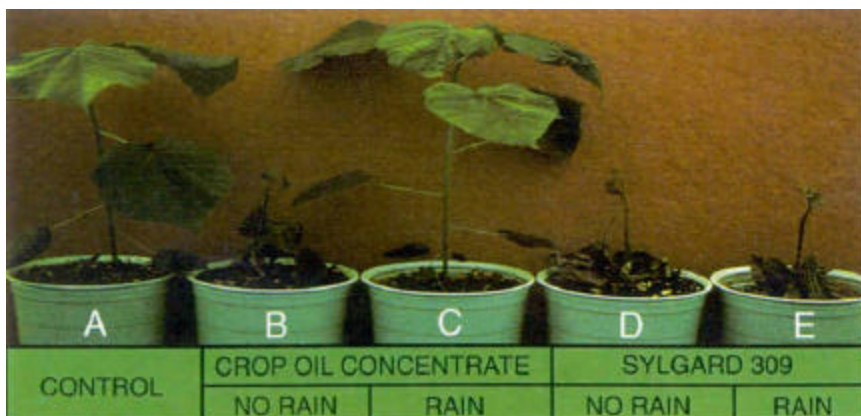
Sylgard[®] increases effectiveness of water-based herbicides

Add Sylgard 309 to your herbicide missing tank and you'll get faster and more thorough control of a wider range of troublesome weeds. Sylgard 309 works by breaking down the surface tension that causes water-based herbicides to bead-up on leaves. Just add 0.25% of Sylgard 309 to your tank to encourage complete and rapid absorption by the plant. Active ingredients enter the plants' systems in less

than a minute. This means that rain need no longer be a concern. Showers that wash off ordinary formulations before they become effective cannot neutralize a Sylgard 309 mixture – because it is already at work. Sylgard 309 can outperform other adjuvants on more mature weeds too. Expect more effective control of velvetleaf up to the 7-leaf stage and lamb's-quarters up to the 12-leaf stage.

For a full technical description of Sylgard 309 and application guidelines contact your regular supplier or call Dow Corning, toll free, at:

1-800-268-5339



Rain no problem. Simulated rainfall washed away herbicide with crop oil concentrate (C) but had no effect on Sylgard 309 application on velvetleaf (E)

DOW CORNING



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