

SYLGARD® 309 Silicone Surfactant

Sylgard® 309 Silicon Surfactant from Dow Corning

What is *Sylgard® 309* Silicone Surfactant?

Sylgard® 309 Silicone Surfactant is a silicone polyether copolymer developed and patented by Dow Corning to enhance the effectiveness of agricultural chemicals including herbicides, insecticides, fungicides and plant growth regulators.

Features and Benefits:

- Lower surface tension than conventional surfactants
- Superior spreading and wetting
- Faster, more complete uptake
- Rainfastness
- Increased fungicide and herbicide effectiveness
- Crop safe
- Many registered uses
- Tested for Canadian uses

Super wet for super weed control

Sylgard® 309 works by breaking down the surface tension that causes water-based pesticides to bead up on leaves. Just add the recommended rate of *Sylgard® 309* to your spray to encourage complete and rapid absorption by the plant.



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

For technical questions and grower information regarding **SYLGARD® 309**, contact Norac Concepts Inc. toll free at (877) 721-3110. Always refer to product labels.



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SYLGARD® 309 Canadian Uses

VEGETATION MANAGEMENT, LEGUMES, POTATO, CUCURBIT VEGETABLES, POME FRUIT, FORESTRY AND WOODLOT MANAGEMENT, ROUNDUP PRE-PLANT, POST HARVEST AND FALLOW.

Crop Or Use	Used With	To Control	Application Notes
Soybeans	Herbicides: <i>Basagran*</i> , <i>Pursuit*</i>	Basagran - Control of annual broadleaf weeds. Pursuit - Control of annual broadleaf and grass weeds.	FOLLOW SYLGARD® 309 PRODUCT LABEL. For additional information refer to Herbicide label.
Pre-Plant, Post Harvest, Summerfallow	Herbicides: <i>Roundup*</i> , <i>Vision*</i> , <i>Laredo*</i> , <i>Glyfos*</i> , <i>Renegade*</i> , <i>Wrangler*</i>	Roundup and other glyphosate products - Control of quackgrass and annual broadleaf weeds.	FOLLOW SYLGARD® 309 PRODUCT LABEL. For additional information refer to Herbicide label.
Areas such as Railway, Pipeline, Highway, Power & Telephone Line Rights-Of-Ways, Petroleum Tank Farms, Pumping Installations, Roadsides, Storage Areas, Lumber Yards, Fence Rows, Industrial Plant Sites, Parking Areas and Airports.	Herbicides: <i>Roundup*</i> , <i>Vision*</i> , <i>Laredo*</i> , <i>Glyfos*</i> , <i>Renegade*</i> , <i>Wrangler*</i>	Roundup and other glyphosate products - Control of annual and perennial weeds.	FOLLOW SYLGARD® 309 PRODUCT LABEL. For additional information refer to Herbicide label.
Unwanted Brush and Broadleaf Weeds on Rights-Of-Ways	Herbicides: <i>Tordon* 101</i>	Tordon 101 - Control of unwanted brush and broadleaf weeds.	FOLLOW SYLGARD® 309 PRODUCT LABEL. For additional information refer to Tordon 101 Herbicide label.
Forestry and Woodlot Management, Site Preparation	Herbicides: <i>Vision* Max Silviculture Herbicide</i> ; <i>Vision* Silviculture Herbicide</i>	Vision Max Silviculture Herbicide and Vision Silviculture Herbicide - For specific uses, see product labels.	DO NOT USE SYLGARD® 309 IN CONIFER RELEASE PROGRAMS OR ON CHRISTMAS TREE PLANTATIONS. Its use in these situations could result in damage to desirable species.
Forest and Woodlands Management	Herbicides: <i>Vantage* Forestry Herbicide Solution</i>	Vantage Forestry Herbicide Solution - refer to Vantage label for list of weeds and brush control.	Refer to Vantage Forestry Herbicide label for directions for use with SYLGARD® 309 .
Apples	Plant Growth Regulator: ReTain Plant Growth Regulator	ReTain Plant Growth Regulator - An effective preharvest drop control agent for apples. May also delay fruit maturity, help maintain fruit quality (e.g. Firmness) and may reduce the incidence and/or severity of watercore.	Use 0.05-0.1% by volume to the spray mixture. When high temperature weather in excess of 32 C conditions prevails or are anticipated, the 0.05% v/v concentration is recommended. Do not exceed 0.1% v/v.
Potato	Fungicide: Ranman 400SC Agricultural Fungicide	Ranman 400SC Agricultural Fungicide - Late Blight (<i>Phytophthora infestans</i>).	Use 0.15L/Ha SYLGARD® 309 .
Potato	Insecticide: Fulfill 50WG Insecticide	Fulfill 50WG Insecticide - Green Peach Aphid (<i>Myzus persicae</i>), Potato Aphid (<i>Macrosiphum euphorbiae</i>), Foxglove Aphid (<i>Aulcorthum Solani</i>), Buckthorn Aphid (<i>Aphis Nasturii</i>).	Use SYLGARD® 309 at a rate of 250 mL/100L of water (0.25% v/v) of spray mixture is recommended to improve the performance of Fulfill 50 WG Insecticide under drought stress conditions.
Cucurbits Vegetables	Fungicide: Ranman 400SC Agricultural Fungicide	Ranman 400SC Agricultural Fungicide - Downy Mildew (<i>Pseudoperonospera cubensis</i>).	Use 0.15L/Ha SYLGARD® 309 .

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. **DOW CORNING SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. DOW CORNING DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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