

(WSP)

# Nova™ Fungicide

Water Soluble Packets

KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Myclobutanil 40%

**CAUTION**  **POISON**

**WARNING – EYE IRRITANT**

NET CONTENTS: 140 g

(Overpack)



**Dow AgroSciences**

# Nova™ Fungicide

GROUP	3	FUNGICIDE
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## In Water-Soluble Pouches

AGRICULTURAL

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: Myclobutanil 40%

REGISTRATION NO. 22399 PEST CONTROL PRODUCTS ACT

**CAUTION**  **POISON**

### WARNING – EYE IRRITANT

DO NOT SELL THE WATER SOLUBLE PACKETS INDIVIDUALLY

NET CONTENTS: 0.56 kg (4 x 140 g Water-Soluble Pouches)

### Dow AgroSciences Canada Inc.

Suite 2100, 450 - 1 Street S.W.

Calgary, Alberta

T2P 5H1

1-800-667-3852

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

**PRECAUTIONS**  
**KEEP OUT OF REACH OF CHILDREN**  
**DO NOT APPLY BY AIR**

Hazardous to humans and domestic animals. Causes eye irritation. A potential skin sensitizer. May cause irritation to the nose, throat and skin. Harmful if swallowed, inhaled, or absorbed through the skin. **DO NOT** get in eyes, on skin or breathe spray mist.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Keep the following personal protective equipment immediately available for use in case of emergency (i.e., a broken package, spill, or equipment breakdown): chemical-resistant coveralls, chemical-resistant gloves, chemical-resistant foot wear, chemical-resistant head gear and a respirator.

Use only properly calibrated groundboom, chemigation or hand held equipment as specified by the label.

Not for use by homeowners or other uncertified users.

**DO NOT** use in residential areas. Residential areas are defined as sites where bystanders including children may be potentially exposed during or after spraying. This includes around homes, school, parks, playgrounds, playing fields, public buildings or any other areas where the general public including children could be exposed.

**Personal Protective Equipment**

Wear goggles, mid-forearm to elbow-length chemical-resistant gloves, chemical-resistant footwear, a wide brimmed hat, chemical-resistant coveralls over long pants and a long-sleeved shirt and an appropriate respirator when mixing, loading, and applying this product. Pants or coveralls should be worn outside footwear to prevent pooling within boots.

Remove protective equipment immediately after handling this product. Wash outside of gloves and footwear before removing. As soon as possible, wash thoroughly and change into clean clothing. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them. Contaminated clothing must be laundered separately in hot water before reusing. Wash hands and face thoroughly after handling and before eating, drinking, chewing gum, smoking, or using toilet.

**DO NOT** enter treated areas for a minimum of 12 hours for all crops, unless a longer REI is specified. Wear gloves, long sleeved shirts, long pants, a hat and work boots when entering treated areas, including greenhouses, for harvesting, pruning, thinning, suckering or for any other agricultural practice in the treated area. **DO NOT** apply this product in such a manner as to directly, or through drift, expose workers or other persons. Unprotected persons must be vacated from the area being treated. Only protected handlers may be in the area during application.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at [www.croplife.ca](http://www.croplife.ca).

#### **FIRST AID**

**Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

#### **TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

#### **AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

#### **ENVIRONMENTAL HAZARDS**

**TOXIC** to birds and small wild mammals. **TOXIC** to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under **DIRECTIONS FOR USE**. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable ( for example, sandy soil) and/or the depth to the water table is shallow. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

#### **STORAGE**

Store in a cool dry place but not below 0 deg C. Do not remove package from container except for immediate use.

**DISPOSAL**

1. When all the water-soluble bags are used, make the empty outer package unsuitable for further use.
2. Dispose of the outer package in accordance with provincial requirements.
3. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in any way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

**(Booklet)**



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## GENERAL INFORMATION

Nova Fungicide is systemic fungicide with both after-infection (eradicator) and protectant properties. This fungicide is most effective when used in a routinely scheduled preventative spray program.

## GENERAL USE PRECAUTIONS

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

**DO NOT** apply by air.

Nova Fungicide is a soluble granule sealed within a water soluble bag. **DO NOT** open or puncture water soluble bag for any reason. **DO NOT** use opened or punctured water soluble bag for any reason. If broken water soluble bags are found when container is opened, avoid contact with, and inhalation of the product. Wear chemical resistant coveralls, chemical resistant gloves and a respirator to dispose of broken water soluble bags according to **DISPOSAL** section.

## Tank Mixtures

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Dow AgroSciences Canada Inc at 1-800-667-3852 or [www.dowagro.ca](http://www.dowagro.ca) for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Dow AgroSciences Canada Inc.

## DIRECTIONS FOR USE

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC FUNGICIDE CONTROL OR CROP DAMAGE.

## Mixing

The enclosed pouches of Nova Fungicide are water-soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

Add the required number of unopened pouches as determined by the dosage recommendations into the spray tank with agitation. Depending on the water temperature and the degree of agitation, the pouches should dissolve completely within approximately five minutes from the time they are added to the water. Copper products tank mixed with Nova Fungicide reduce the effectiveness of the fungicide.

**Compatibility**

**Please note** - Do not add pouches directly to diesel oils or summer type oil. The pouches are water soluble not oil soluble. Spray tank must be completely free of oil residue from previous sprays. Do not add pouches to spray solutions containing boron or that release free chlorine as the plastic in the pouches becomes insoluble.

**Application**

A uniform spray coverage is essential for good disease control. Nova Fungicide is a systemic fungicide and will not be affected if rainfall occurs at least one hour after application. This fungicide is locally systemic.

Apply at the recommended rate using a maximum spray volume of 1000 L per hectare, unless otherwise stated.

**Restricted Entry Intervals**

<b>Crop</b>	<b>Activity</b>	<b>REI* (days)</b>
apples, cherries (sweet & sour), peaches, nectarines	thinning	12
	hand harvest	5
	hand pruning, scouting, pinching, tying, training, hand weeding, propping, animal control, mechanical harvest (cherries only)	0.5
asparagus	All	2
grapes	cane turning and girdling	14
	hand harvesting & pruning, training, thinning, tying, leaf pulling	7
	hand line irrigation, scouting, hand weeding	0.5
strawberries	hand harvest, pinching, pruning, training	2
	irrigation, mulching, scouting, hand weeding	0.5
Saskatoon berries	hand harvest, hand pruning, hand thinning	3
	scouting, hedging, irrigating, hand weeding	0.5
carnations	all	17
Outdoor ornamental trees & shrubs: pear (flowering), crab apple,(flowering), privet, dogwood, euonymus, hawthorn, juniper (flowering & non-flowering), honeysuckle, lilac, crab-apple (flowering); nursery crops: ash, amelanchier	all	0.5
Outdoor ornamental roses	all	11
Outdoor ornamental flowers, shrubs: iris, roses, hollyhock, phlox	all	12

<b>Crop</b>	<b>Activity</b>	<b>REI* (days)</b>
Kentucky bluegrass grown for seed	harvesting/transplanting treated turf, mowing, watering, irrigation, aerating, fertilizing, hand pruning, mechanical weeding, scouting, seeding	0.5
Greenhouse (potted) roses, gerbera, aster, chrysanthemums, geraniums, poinsettias	All	0.5
Greenhouse (cut) roses, gerbera, aster, chrysanthemums, geraniums,	All	1
Greenhouse peppers, tomatoes, cucumbers	All	0.5
Nursery (potted) roses, gerbera, aster, chrysanthemums,	All	0.5
Nursery (cut) roses, gerbera, aster, chrysanthemums,	All	12

\*Day at which the dermal exposure results in an MOE  $\geq 100$  or the minimum label REI of 1 or 0.5 days.

<b>Apples</b>		
Best control of labeled diseases is achieved when Nova Fungicide is applied on a 7 to 10 day application schedule.		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>SCAB</b> Prebloom	340	Begin application at green tip or when environmental conditions become favorable for primary scab development. Apply Nova Fungicide alone or in a tank mix with 3 kg per hectare Dithane™ DG or Dithane™ M-45
Bloom and Postbloom	340	Use Nova Fungicide in a tank mix with 3 kg per hectare Dithane DG or Dithane M-45 for improved fruit scab and summer disease control.
Post- infection (Prebloom only)	340	Nova Fungicide provides 96-hour after-infection control or curative activity. Apply Nova Fungicide as soon as possible after the infection period and follow with a second Nova Fungicide application 7 days later. Continue with a regular Nova Fungicide spray schedule or a regular protectant program. Nova Fungicide will suppress sporulation in established lesions when used in two or more applications.
<b>POWDERY MILDEW</b>	340	Begin application at tight cluster and continue through the second (apples only) cover spray. If powdery mildew was prevalent the previous year, apply Nova Fungicide beginning at green tip. Additional sprays beyond second cover may be needed on susceptible varieties or under heavy disease pressure.
<b>CEDAR APPLE RUST &amp; QUINCE RUST</b>	340	Begin applications at pink stage and continue through the second cover spray.
<b>RESTRICTIONS</b>		
Use a maximum of 6 applications per year with a minimum of 7 days between applications. Do not apply Nova Fungicide within 14 days of harvest. Check the labels of Dithane DG or Dithane M-45 for preharvest intervals.		

<b>Grapes</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>POWDERY MILDEW</b>	200	Begin application at prebloom and continue application on a 21 day schedule.
<b>BLACK ROT</b>	200	Begin application at prebloom and continue application on a 14 day schedule during infection periods
Tank mix with the recommended rate of Dithane M-45 or Dikar™ prebloom and early post bloom for control of downy mildew.		
<b>RESTRICTIONS</b> Use a maximum of 5 applications per year with a minimum of 14 days between applications. Do not apply Nova Fungicide within 14 days of harvest. Check the label of Dithane M-45 or Dikar for preharvest intervals.		

<b>Stonefruit</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>CHERRIES - SWEET</b>		
<b>BROWN ROT</b>	340	Begin application when the fruit blossoms are opening. Continue fungicide application on a 7 to 10 day schedule until harvest.
<b>CHERRIES - SOUR</b>		
<b>BROWN ROT POWDERY MILDEW LEAF SPOT</b>	340	Begin application at bloom. Repeat applications at 10 day intervals. Where leaf spot and powdery mildew are serious problems apply further post harvest sprays.

<b>Peaches and Nectarines</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>BROWN ROT</b>	340	Begin application when the first blossoms are opening and repeat at 7 to 14 day intervals. If wet weather occurs, repeat applications every 4 - 5 days until shuck fall. Protect ripening fruit with fungicide applications starting 2 - 3 weeks before harvesting.
<b>POWDERY MILDEW</b>	340	Begin application after bloom schedule at shuck fall. Repeat at 2 - 4 week intervals until terminal growth ceases.
<b>RESTRICTIONS</b> Use a maximum of 6 applications per year with a minimum of 7 days between applications. Do not apply within 1 day of harvest. Rotate recommended fungicides to help prevent resistance development.		

<b>Saskatoon Berry</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>POWDERY MILDEW</b>	11.3 g product per100L water	Apply at flowering, small green berries, and at green berry stage; spray until dripping.
<b>RESTRICTIONS</b> Do not apply more than 340 g/ha. Use a maximum of 3 applications per year with a minimum of 14 days between applications. Do not apply Nova Fungicide within 14 days of harvest.		

<b>Greenhouse Tomatoes</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>POWDERY MILDEW</b>	340	Use a maximum of one application per crop cycle. Apply as soon as possible after initial infection,; apply 1000L water/ha; do not apply 3 days before harvest

<b>Greenhouse Cucumbers</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>POWDERY MILDEW and GUMMY STEM BLIGHT</b>	340	Use a maximum of one application per crop cycle. Apply when disease first appears. Do not apply 2 days before harvest.

<b>Kentucky Bluegrass Grown for Seed</b>		
<b>Disease</b>	<b>Rate of Nova (g/ha)</b>	<b>Use Recommendations</b>
<b>POWDERY MILDEW</b> (Erysiphe graminis)	250	Apply as a foliar spray. Apply a maximum of two applications, with a minimum of 14 days between applications, one at pre-heading (15-20 cm tall and not yet headed) and again at 50-100% heading

**NOTE TO USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than Dow AgroSciences Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Dow AgroSciences Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Dow AgroSciences Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described on this label.

Refer to the main Nova Fungicide label for additional details and instructions, including preharvest intervals, before using.

READ THE ROTATIONAL CROPPING RESTRICTIONS ON THE FULL LABEL BEFORE USING THIS PRODUCT.

CROP	DISEASE	RATE	RECOMMENDATIONS	RESTRICTIONS
Geraniums	Rust ( <i>Puccinia pelargonii-zonatis</i> )	340 g/1000 L water	Apply when disease appears and then every 10-14 days	Use a maximum of 6 applications per growing season, with 10 days between applications.
Poinsettias	Powdery Mildew	280 g/1000 L water	Apply when disease first appears and then every 10-14 days	Use a maximum of 6 applications per growing season, with 10 days between applications.
Asparagus	Rust	340 g/ha	Post harvest treatment of ferns; ground; 370 L water/ha	Use a maximum of 5 applications at 7 day intervals
Cut and Potted Roses, Gerbera, Aster and Chrysanthemums (Nursery and Greenhouse)	Powdery Mildew ( <i>Sphaerotheca pannosa</i> ); ( <i>Erysiphe cichoracearum</i> ) and Rust	340 g/1000 L water	Apply as soon as possible after initial infection. Apply as a high volume wet spray to runoff.	Use a maximum of 6 applications per year (Nursery and Greenhouse potted), Greenhouse cut, use a maximum of 4 applications per crop cycle., 10 days between applications..

<b>Nursery Grown Ornamentals:</b>				
<b>Amelanchier Ash Chrysanthemum Iris Hollyhock Phlox</b>	<b>Rust</b>	250-340 g/1000 L water	Apply as soon as possible after initial infection. Apply as a high volume wet spray to runoff.	Use a maximum of 6 applications per year, , with 10 days between applications.
<b>Carnation</b>	<b>Rust</b>	540 g/1000 L water		
<b>Hollyhock Phlox Rose</b>	<b>Powdery mildew</b>	340 g/1000 L water		
<b>Crabapple Flowering</b>	<b>Rust, Powdery mildew and Scab</b>	340 g/1000 L water		
<b>Greenhouse Peppers</b>	<b>Powdery Mildew</b>	340 g/ha	Apply as soon as possible after initial infection and again 12 days later when disease pressure warrants control; apply 1500-3000 L water/ha.	Use a maximum of one application per crop cycle. Do not apply Nova Fungicide within 3 days of harvest.
<b>Crabapple, flowering Hawthorn, flowering Juniper Pear, flowering</b>	<b>Rust</b>	340 g/1000 L water	Apply as soon as possible after initial infection. Apply as a high volume wet spray to runoff.	Use a maximum of 6 applications per year, with 14 days between applications.10 days between applications for crabapple.
<b>Azalea/Rhododendron Dogwood Euonymus Honeysuckle Lilac Privet</b>	<b>Powdery mildew</b>	340 g/1000 L water		
<b>Dogwood</b>	<b>Anthraco nose and Septoria leaf spot</b>	340 g/1000 L water		
<b>Rose</b>	<b>Black spot</b>	340 g/1000 L water	Apply as soon as possible after initial infection. Apply as a high volume wet spray to runoff.	Use a maximum of 4 applications per year with 10 days between applications.
<b>Sweet cherry</b>	<b>Powdery mildew</b>	340 g/ha	Apply 340 g Nova Fungicide/ha at bloom and repeat at 10-14 day intervals as required until terminal growth ceases. Apply 1000L water/ha.	Use a maximum of 6 applications per year with 7 days between applications.. Application at husk fall is important for fruit protection. Pre-harvest interval is 1

				day. Application is by ground only.
<b>Strawberry</b>	<b>Powdery mildew</b>	340 g/ha	Begin applications when disease first appears or when conditions favour disease development. Repeat application at 14-to-21 day intervals. Observe a 120-day plant-back interval between the last application and planting leafy vegetable or grain crops, and a 210-day plant-back interval between the last application and planting root vegetable or any other unlabelled crop at the treatment site.	Use a maximum of 6 applications per growing season with 14 days between applications. Do not apply Nova Fungicide within 3 days of harvest.
<b>Pear</b>	<b>Scab</b> ( <i>Venturia pirina</i> )	340 g/ha	Apply starting at greentip or when conditions are favorable for scab infestation. Repeat application at 7-to-10 day intervals. Apply as a foliar spray in a spray volume of 500 to 1000 L/water.	Use a maximum of 6 applications per growing season with 14 days between applications. Do not apply within 14 days of harvest.
	<b>Powdery mildew</b> ( <i>Podosphaera leucotricha</i> )	340 g/ha	Begin applications at pink stage and repeat at petal fall stage. Repeat application at 7 to 10 day intervals. Coverage to 4 weeks after bloom may be required on highly susceptible varieties. Apply as a foliar spray in a spray volume of 500 to 1000 L/water.	Use a maximum of 6 applications per growing season with 14 days between applications. Do not apply within 14 days of harvest.



<p><b>Cucurbit Vegetables (Crop Group 9)</b> (Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd, balsam apple and pear, Chinese cucumber, cantaloupe, muskmelon, pumpkin, summer and winter squash, watermelon)</p>	<p><b>Powdery mildew</b> (<i>Podosphaera xanthii</i>)</p>	<p>175 g/ha</p>	<p>Apply at the first sign of disease development and again 10-14 days later. Apply in a minimum of 250 L water/ha.</p>	<p>Use a maximum of 2 applications per year. Do not apply Nova Fungicide within 3 days of harvest.</p>
<p><b>Bushberry 13-07B Subgroup (including highbush blueberry, lowbush blueberry, currant, gooseberry)</b></p>	<p><b>Powdery Mildew</b> (<i>Microsphaera vaccinii</i>-blueberry) (<i>Spaerotheca sp.</i>-gooseberry and currant)</p>	<p>340 g/ha</p>	<p>Apply at the first sign of disease development and repeat in 7-14 days. Pre-bloom, bloom, and immediately after bloom are the most critical times for the control of powdery mildew and white pine blister rust. Apply with a minimum of 250 L water/ha.</p>	<p>Do not apply more than 340 g/ha. Use a maximum of 3 applications per growing season.</p>
<p><b>Currant, gooseberry</b></p>	<p><b>White Pine Blister Rust (<i>Cronartium ribicola</i>)</b></p>			<p>Preharvest interval when harvesting by hand is 6 days except for lowbush blueberries, which is 4 days. Preharvest interval when harvesting mechanically is 1 day.</p>

<b>Caneberry 13-07A Subgroup (including raspberry and blackberry)</b>	<b>Powdery Mildew</b> ( <i>Spaerotheca sp</i> )	340 g/ha	<p>Apply at the first sign of disease development and repeat in 7-14 days. Pre-bloom, bloom, and immediately after bloom are the most critical times for the control of powdery mildew. Apply with a minimum of 250 L water/ha.</p>	<p>Do not apply more than 340 g/ha. Use a maximum of 3 applications per growing season.</p> <p>Preharvest interval when harvesting by hand is 6 days. Preharvest interval when harvesting mechanically is 1 day.</p>
	<b>Yellow Rust</b> ( <i>Phragmidium spp.</i> )	175 g/ha	<p>Begin application as early as bud break when new growth is 3-4 inches or at first sign of yellow rust pustules. Apply with a minimum of 250 L water/ha. Apply at 10-14 day intervals. Use the shorter spray interval under heavy disease pressure. Consult with a crop management specialist for any additional local use recommendations</p>	
<b>Grape</b>	<b>Suppression of Anthracnose</b> ( <i>Elsinoe ampelina</i> )	340 g/ha	<p>Apply as a foliar spray in sufficient water to insure adequate coverage. Begin application when new shoots are 3 to 8 cm in length and continue on an application schedule. Repeat application at 14 day intervals.</p>	<p>Use a maximum of 5 applications per growing season with a minimum of 14 days between applications. Do not apply within 14 days of harvest.</p>
<b>Dry Beans (<i>Phaseolus vulgaris</i>)</b>	<b>Control of Rust (<i>Uromyces appendiculatus</i>. syn. <i>U. phaseoli</i>)</b>	340 g/ha	<p>Apply as soon as weather conditions are favourable for rust development or when first rust pustules are present and continue if conditions remain favourable.</p> <p>Apply as a foliar spray in 300 litres of water to insure thorough coverage of all plant foliage.</p>	<p>Use a maximum of 3 applications per growing season with a 7-10 day re-treatment interval. Do not apply within 30 days of harvest.</p> <p><b>DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 2 days for scouting and 12 hours for all other activities.</b></p>

## BUFFER ZONES

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:				
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	carnations, grapes, asparagus, azalea, dogwood, euonymus, honeysuckle, lilac, privet, hawthorn, juniper, pear		1	0	1	1	1
Airblast	Grapes	Early growth stage	2	0	1	0	1
		Late growth stage	1	0	1	0	1
	Cherries, hollyhock, crabapple, nursery ornamentals, rose, peaches, apples, azalea, dogwood, euonymus, honeysuckle, lilac, privet, hawthorn, juniper, pear, Saskatoon berries	Early growth stage	4	0	2	0	2
		Late growth stage	2	0	1	0	1

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Nova Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to Nova Fungicide and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Nova Fungicide or other Group 3 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

Where possible, make use of predictive disease models to effectively time fungicide applications.

Monitor treated fungal populations for resistance development. Notify Dow AgroSciences Canada Inc. if reduced sensitivity of the pathogen to Nova Fungicide is suspected.

- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.ca).

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in any way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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