

GROUP	7	FUNGICIDE
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Parade™ Fungicide

Suspension Concentrate

COMMERCIAL

ACTIVE INGREDIENT: Pyraziflumid220 g/L
Contains 1,2-benzisothiazolin-3-one at 0.0193% as a preservative.

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

REGISTRATION NUMBER: 34526 PEST CONTROL PRODUCTS
ACT

NET CONTENTS: 0.5 – 1000 L

Nichino America, Inc.
4550 Linden Hill Road
Suite 501
Wilmington, DE 19808
1-888-740-7700

FIRST AID

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.

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

You may also contact 1-800-348-5832 for emergency medical treatment information. In case of fire or spills, information may be obtained by calling 1-800-424-9300.

TOXICOLOGICAL INFORMATION

There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Potential skin sensitizer.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Harmful if swallowed.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.

User Safety Recommendations

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT apply using handheld mist blower/airblast or handheld fogging equipment.

DO NOT apply by air.

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

Restricted-Entry Interval (REI)

DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

ENVIRONMENTAL PRECAUTIONS

Toxic to non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to aquatic organisms.

Parade Fungicide demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE

GENERAL INFORMATION

Parade Fungicide is formulated as a suspension concentrate containing 220 grams of active ingredient per litre. **Parade Fungicide** is a broad spectrum, succinate dehydrogenase inhibitor (SDHI) belonging to FRAC Group 7. **Parade Fungicide** is a systemic fungicide for control of scab and powdery mildew of apple.

MIXING DIRECTIONS

Shake well before using. Read and follow all label directions for each tank-mix product prior to any tank mixing with **Parade Fungicide**. This product can be mixed with other registered pesticides for use on labeled crops or sites, in accordance with the most restrictive use directions and precautions. Do not exceed any labeled dose rate.

Parade Fungicide Alone: Begin with clean equipment. Fill spray tank with $\frac{3}{4}$ of the amount of water needed for the intended application and then turn on agitation. Pour recommended amount of product on the surface of water in the spray tank. Add the remaining water volume to the spray tank with agitation running. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the

remainder of the load. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day's spray mix may result in reduced activity.

Parade Fungicide 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 Nichino America, Inc. at 1-888-740-7700 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

All possible tank-mix combinations have not been tested under all conditions. It is recommended to evaluate the combination on a small area to ensure that a phytotoxic response will not occur as a result of the application.

The physical compatibility of **Parade Fungicide** with all potential tank-mix partners, including pesticides, fertilizers and micronutrients, has not been fully investigated. If you have no experience with the combination you are considering, a jar test may be conducted to determine physical compatibility. To determine physical compatibility, add the recommended proportions of each chemical with the same proportion of water, as will be present in the chemical supply tank, into a suitable container, mix thoroughly and allow to stand for at least five minutes. If the combination remains mixed, or can be readily re-mixed, the mixture is considered physically compatible.

Begin with clean equipment. Fill spray tank with $\frac{3}{4}$ of the amount of water needed for the intended application and turn on agitation. If using a buffering agent, add after filling the tank with $\frac{3}{4}$ amount of water. Add the recommended amount of tank-mix products in the following order while maintaining agitation:

- 1) products in water-soluble packets
- 2) wettable powders
- 3) water-dispersible granulars and/or soluble powders
- 4) flowable liquids (including **Parade Fungicide**)
- 5) emulsifiable concentrates
- 6) remaining amount of water to achieve the desired level

Always follow the labeled mixing instructions of any partner products. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load. Storage and use of the previous day's spray mix may result in reduced activity.

APPLICATION DIRECTIONS

Parade Fungicide is applied using appropriate application equipment for the preventative control of labeled plant diseases. Although **Parade Fungicide** exhibits curative activity, preventative programs are more efficacious and less prone to development of pathogen resistance. The minimum application interval of seven days is based on field testing under a variety of conditions. Within the stated rate range, the rate selected should be reflective of the susceptibility of the apple variety to the targeted disease(s) and the extent to which the prevailing environmental conditions favour disease development.

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.

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.

APPLE		
Diseases Controlled	Application Rate (mL/ha)	Directions for Use
Scab§ (<i>Venturia inaequalis</i>) Powdery Mildew (<i>Podosphaera leucotricha</i>)	227 – 340	<ul style="list-style-type: none"> • Apply prior to disease development. • Apply by ground using a spray volume of 375 to 2000 L/ha. Use sufficient water volume to penetrate canopy and ensure thorough coverage. • May be applied only using airblast or vertical boom sprayers. • Do not apply through any type of irrigation system. • Do not use any type of adjuvant. • Do not apply more than 1020 mL [225 g ai] per hectare per year. • Do not make more than 3 applications per year. • Allow a minimum of 7 days between applications. • Preharvest Interval (PHI): 7 days

§ In provinces other than British Columbia, apply in a tank-mix with a labeled fungicide of a different mode of action that is registered for control of apple scab. Tank-mix partners include those containing mancozeb (e.g., Dithane Rainshield Fungicide, Manzate Max, Manzate Pro-Stick Fungicide and Penncozeb 75 DF Raincoat Fungicide), captan (e.g., Supra Captan 80 WSP, Supra Captan 80 WDG, Maestro 80 WSP) and triazoles (Cevya, Fullback 125 SC Fungicide, Nova Fungicide and Inspire Super Fungicide).

Do not apply more than 2 consecutive applications of **Parade Fungicide** or other group 7 fungicides before switching to a non-Group 7 fungicide. Follow all precautions, restrictions and directions on the labels of fungicide products used in tank mixture or in an alternation program with **Parade Fungicide**.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

The spray 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).

Method of application		Crop	Spray Buffer Zones (metres) Required for the Protection of:
			Terrestrial Habitat:
Airblast	Early growth stage	Apple	2
	Late growth stage		1

When tank-mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank-mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank-mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **Parade Fungicide** contains a Group 7 Fungicide. Any fungal population may contain individuals naturally resistant to **PARADE FUNGICIDE** and other Group 7 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 **Parade Fungicide** or other Group 7 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen 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 host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as 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 Nichino America Inc. if reduced sensitivity of the pathogen to **Parade 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 or to report suspected resistance contact Nichino America, Inc. at 1-888-740-7700.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place. Do not use or store near heat or open flame. Store this product away from food or feed.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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 a way that is inconsistent with the directions on the label.

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