

2022-6646
2023-09-21

This label has been updated according to the re-evaluation of Trinexapac-ethyl RVD2022-12. While users are encouraged to follow this updated label immediately, the previously approved label is valid until “18/08/2024” in accordance with the phase out period set out in RVD2022-12. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.

2022-6646
2023-09-21

PARLAY®

PLANT GROWTH REGULATOR

EMULSIFIABLE CONCENTRATE

COMMERCIAL

PARLAY® is a micro-emulsion concentrate for managing growth of perennial ryegrass grown for seed.

ACTIVE INGREDIENT:

Trinexapac-ethyl 11.3%

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

**KEEP OUT OF REACH OF CHILDREN
WARNING: EYE IRRITANT**

REGISTRATION NO.: **31214**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **3.78 - 37.8 L**

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, ON N1G 4Z3
Telephone: 1-877-964-3682

Label

2022-6646

2023-09-21

1.0 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.

2.0 FIRST AID

IN CASE OF POISONING, contact a physician or a poison control centre **IMMEDIATELY**. 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 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.

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.

3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote if this product is ingested. Treat symptomatically. Do not induce emesis.

4.0 PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN.

KEEP PEOPLE OFF TREATED AREA UNTIL FOLIAGE IS DRY.

Causes eye irritation. DO NOT get in eyes. DO NOT get on skin or on clothing.

RESTRICTED-ENTRY INTERVAL: DO NOT enter or allow worker entry during the restricted-entry interval (REI) of 10 days for all postapplication activities.

When using this product on perennial ryegrass grown for seed, do not handle more than 70 kg a.i. per day.

DO NOT contaminate food or feed.

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DO NOT apply when weather conditions favour drift from treated areas.

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 by air.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear coveralls over 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. In addition, wear protective eyewear (goggles or face shield) during mixing and loading.

DO NOT use leather or cloth gloves. Rinse gloves with soap and water before removal and wash hands. Immediately wash off accidental splashes of the concentrate or spray mixture from skin, clothing and eyes.

Wash with soap and water after handling, and before eating, drinking or smoking. Remove clothing immediately if pesticide gets inside. Wash contaminated clothing, separately from household laundry, before re-use. Do not wear contaminated shoes. 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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

All users should wash hands before eating, drinking, chewing gum, using tobacco, using the toilet or using a handheld device.

6.0 ENVIRONMENTAL PRECAUTIONS

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

Avoid contact with non-target plants or any body of water. Avoid drift to these sensitive habitats. DO NOT contaminate aquatic systems through the disposal of waste or the cleaning/rinsing of spray equipment.

7.0 STORAGE

1. Do not use or store near heat or open flame.
2. Keep from freezing.
3. Store in original container in a secured, dry storage area.
4. Store the tightly closed container away from seeds, fertilizers, plants and foodstuffs.
5. Prevent cross contamination with other pesticides.

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8.0 DISPOSAL

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.

For recyclable containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the .
2. Make the empty container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For refillable containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

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Pamphlet

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1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
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If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For refillable containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

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9.0 PRODUCT INFORMATION

PARLAY can be used to manage the growth of perennial ryegrass.

PARLAY reaches the growing point by foliar uptake. Application should be completed at least 3 hours before irrigation or rain.

10.0 DIRECTIONS FOR USE

Environmental conditions, management, and cultural practices that affect grass growth and vigour will influence the response of the perennial ryegrass to PARLAY applications. Fertility level, moisture availability, plant vigour, crop stage and height have been shown to influence the activity of PARLAY.

NOTE: A reduction in crop quality (as overall appearance, including colour and/or density) may occur after application; however reductions are transient and recovery within 2-4 weeks is normally observed.

NOTE: Due to risk of injury to the crop, avoid overlapping and do not apply to perennial ryegrass that is stressed, such as by low fertility, high temperatures, drought, frost or to ryegrass that is diseased or insect-damaged.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. at 1-87-SYNGENTA (1-877-964-3682) for information before applying any tank mix that is not specifically recommended on this label.

Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank-mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

Always read and follow label directions including WALES mixing order.

10.1 Ground Application

PARLAY may be applied by ground sprayer only. Clean spray equipment thoroughly before use. Make sure the sprayer is capable of accurate and uniform application. Calibrate the sprayer before applying PARLAY. Rinse sprayer with clean water after use and dispose of rinsate in an approved manner.

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 S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

10.1.1 Mixing Instructions

PARLAY is a micro-emulsion concentrate (MEC) with minimal odour because the product does not contain petroleum solvents. PARLAY mixes completely with water. Prepare no more mixture than is necessary for the immediate operation. Once PARLAY is uniformly mixed, no further agitation is required.

1. Add at least ½ of the required amount of water to the spray tank.
2. While agitating, add the required amount of PARLAY.
3. Continue agitation until PARLAY is completely dissolved.
4. Maintain agitation while adding the remainder of the water.
5. Begin application of the spray solution.

10.1.2 Equipment Clean-Up

Before Spraying:

- Prior to using PARLAY, ensure that the spray tank, lines and filter are thoroughly clean.

After Spraying:

- Thoroughly clean application equipment immediately after spraying. **DO NOT** allow PARLAY residue to dry within the spray tank.
 - When using tank mixes, consult the tank-mix partner label for additional clean-up instructions.
 - The following recommendations are provided:
 1. Drain and flush tank walls, boom and all hoses for ten minutes with clean water. Rinse with clean water. **DO NOT** clean the sprayer near desirable vegetation, wells or other water sources.
 2. Remove all nozzles and screens and wash separately.
- Dispose of all rinsate in accordance with provincial regulations.

10.2 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) and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of application	Crop	Spray buffer zones (metres) required for the protection of:		
		Freshwater habitat of depths		Terrestrial habitat
		Less than 1 m	Greater than 1 m	
Field sprayer	Perennial ryegrass grown for seed	1	1	1

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.

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.

11.0 CROP USE DIRECTIONS

11.1 Perennial Ryegrass Grown for Seed

PERENNIAL RYEGRASS GROWN FOR SEED	
PRODUCT RATE	1.7 – 3.4 L/ha
SPRAY WATER VOLUME	Use a minimum of 100 L of water per hectare. Use sufficient water for thorough coverage.

PERENNIAL RYEGRASS GROWN FOR SEED	
APPLICATION TIMING	<p>Before or during stem elongation stage of development (Zadoks growth stage 30-37 or Feekes stages 5-8).</p> <p>NOTE: Although this product is effective at any time in this growth stage the BEST timing is early (Zadoks growth stage 32 or Feekes 7) when the second node on the main stem is detectable.</p> <p>Perennial rye grass stand is required to go through one winter vernalization period prior to product application</p>
APPLICATION METHOD	Use ground equipment only.
MAXIMUM NUMBER OF APPLICATIONS PER SEASON	1
NOTES	<p>DO NOT apply to forage-type perennial ryegrass.</p> <p>For seed production only, seed screenings and aftermath from the harvesting of the crop can be fed to livestock 50 days following application of PARLAY® Plant Growth Regulator</p>

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