

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

May 5, 2016

Ms. Juli Mann, Agent Petro-Canada Lubricants, Inc., d/b/a Intelligro, a Suncor c/o Steptoe & Johnson, LLP 1330 Connecticut Avenue NW Washington, DC 20036-1795

Subject: Notification per PRN 98-10 – Changing Name of Adjuvant Appearing Throughout

the Label and Correcting a Typographical Error

Product Name: Civitas

EPA Registration Number: 69526-13 Application Date: April 13, 2016 Decision Number: 516298

#### Dear Ms. Mann:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, you may contact Betty R. Williams at (703) 308-0132 or via email at Williams.BettyR@epa.gov.

Sincerely,

Michael Walsh, Product Manager 11 Invertebrate & Vertebrate Branch 2 Registration Division

Registration Division

Office of Pesticide Programs

Enclosure

## **CIVITAS**

## [Alternate Brand Names]

CIVITAS TURF DEFENSE™ Ready-2-Mix

Fungicide, insecticide and plant protection product for turfgrass *[or]* 

Fungicide, insecticide and plant protection product for turf on golf courses, sports and athletic fields

 ACTIVE INGREDIENT:
 By Weight

 Mineral Oil\*
 98.00%

 OTHER INGREDIENTS:
 2.00%

 TOTAL:
 100.00%

# KEEP OUT OF REACH OF CHILDREN CAUTION

See inside [booklet] for additional Precautionary Statements and Directions for Use

**EPA REG. NO**. 69526-13

**EPA EST. NO. XXXXXX** 

Patent(s): www.suncor.com/patents

## MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) FOR:

INTELLIGRO, [or] PETRO-CANADA LUBRICANTS, INC., A SUNCOR ENERGY BUSINESS 2310 LAKESHORE ROAD WEST MISSISSAUGA, ONTARIO, CANADA L5J 1K2

[Batch Code/Lot Number]

## NOTIFICATION

69526-13

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/05/2016

<sup>\*</sup>Contains petroleum distillates, CAS # 8042-47-5

 $<sup>{}^{\</sup>text{TM}}\text{Trademark}$  of Suncor Energy Inc. Used under license.

FIRST AID							
If swallowed:  • Immediately call a poison control center or doctor.							
	<ul> <li>Do not induce vomiting unless told to by a poison control center or doctor.</li> </ul>						
	Do not give any liquid to the person.						
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>						
If on skin or	If on skin or • Take off contaminated clothing.						
clothing:	• Rinse skin immediately with plenty of water for 15-20 minutes.						
_	Call a poison control center or doctor for treatment advice.						

#### **HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. To reach a U.S. POISON CONTROL CENTER, call 1-800-222-1222. You may also contact INTELLIGRO, a Suncor Energy business [or] PETRO-CANADA LUBRICANTS INC: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.

**NOTE TO PHYSICIAN:** Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia.

## PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

#### **Personal Protective Equipment (PPE)**

## Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥14mils, Neoprene Rubber ≥ 14mils or Viton ≥ 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily damaged by this product's concentrate. Do not reuse them.

## **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet;
- Remove clothing and/or PPE immediately if pesticide gets inside and then wash thoroughly and change into clean clothing;
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

Apply this product only as specified on the label. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Aerial application of this product is prohibited.

This product is only registered for use on turf on golf courses, sports and athletic fields.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Keep children and pets out of the treated area until sprays have dried.

## STORAGE AND DISPOSAL

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

#### **PESTICIDE STORAGE:**

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. **Keep from freezing.** 

Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Keep drums closed to prevent entry of water.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

#### **PESTICIDE DISPOSAL:**

Dispose of wastes resulting from use of this product on site or at an approved waste disposal facility.

#### **CONTAINER HANDLING:**

#### 275 Gallon Polyethylene Bladder in Steel Cage:

Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying.

Triple rinse as follows: Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Return bladder and steel cage to your CIVITAS™ dealer and offer for recyclingif available or reconditioning if appropriate, or puncture and dispose of bladder in a sanitary landfill or by other procedures approved by state and local authorities.

#### Containers greater than 5 gallons:

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

## 5 Gallon Polyethylene Pail:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

## PRODUCT INFORMATION

CIVITAS<sup>TM</sup> should be applied to non-dormant, healthy turf, preventatively, prior to the onset of disease symptoms. CIVITAS works to prevent diseases from taking hold in the first place, and can also provide some treatment benefits. If disease symptoms are present or disease pressure is expected to be high, CIVITAS should be used in combination with other fungicides.

CIVITAS may be used on cool and warm-season grasses if applied in accordance with the requirements and specifications of this label.

CIVITAS works to smother insects and provides a barrier that helps prevent insects and pathogens from accepting or using the host plant.. Apply CIVITAS prior to insect or disease symptoms, and use it as a component of an integrated pest management (IPM) program.

## **USE RESTRICTIONS**

Keep children and pets out of the treated area until sprays have dried.

CIVITAS may only be used on turf on golf courses, sports and athletic fields to control the types of insects, and fungi identified in the **Application Rate Table** in this **DIRECTIONS FOR USE** section.

Do not over-spray or double-spray.

CIVITAS must only be used in conjunction with CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER at a ratio (by volume) of 16 oz. of CIVITAS to 1 oz. of CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER.

Apply in the morning, before daily high temperatures are reached, use caution when daily high temperatures are expected to be high (above 90°F for cool season grass types) for 2 or more consecutive days. Continually monitor condition of turfgrass and adjust applications based on turf vigor and weather forecasts.

Do not apply when air temperatures at time of application are expected to be near freezing (at or below 40°F). Ensure applications are made to non-dormant, healthy turf grass.

Do not apply when rain or other unsuitable weather conditions are predicted.

## **USE PRECAUTIONS**

Plants should be sprayed only when they are in vigorous condition and when their moisture condition is suitable. Adjust the use of CIVITAS during periods of severe environmental stress: high heat and humidity (including high soil temperatures at the roots) and/or soil moisture at or below permanent wilting point.

Under periods of severe environmental stress conditions, use the product with caution especially on *Poa annua* and Colonial Bentgrass and consider adjusting the application program by doing one or more of the following:

- Use longer specified application intervals(Refer to **Application Rate Tables**)
- Lower CIVITAS application rate
- Increase total application volume
- Evaluate rates and use of other products in a tank mix, primarily chemicals that may have phytotoxic properties of their own
- Manage cultural practices to reduce stress on turf grass and apply during cooler periods of the day (morning or evening)
- Pause applications

Once these conditions pass, and turfgrass is actively growing and under reduced environmental stress, resume the normal application program.

Under high disease pressure, use the highest rate and shortest application interval corresponding with the application schedule selected from the tables below and/or combine with another registered fungicide.

This product has not been tested on all species or varieties of turf grass. Before treating a large area, treat a small area and observe for several days prior to making full scale applications.

Ensure CIVITAS is applied prior to line painting on sports and athletic fields. Wait until product has thoroughly dried prior to re-entry to avoid staining.

Drying times may be longer at lower temperatures.

## **SPRAY DRIFT MANAGEMENT**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

#### Wind Speed

Do not apply at wind speeds greater than 15 mph at the application site.

## **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make

applications into areas of temperature inversions or stable atmospheric conditions.

## **Release Height**

Apply using a nozzle height of no more than 4 feet above the ground.

## **Droplet Size**

Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

## INTEGRATED PEST MANAGEMENT AND RESISTANCE MANAGEMENT

This product can be used in resistance management strategies or in integrated pest management (IPM) programs. CIVITAS is effective for use in programs that attempt to minimize disease resistance as there are no known resistance issues with CIVITAS.

Consult with your Federal, State or local Cooperative Extension Specialist for guidance on the proper use of CIVITAS in programs for resistance management and using it in an IPM program.

#### **MIXING DIRECTIONS**

## **Prior to Mixing**

- Use only in equipment with sufficient agitation to keep contents thoroughly mixed,\_provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- Be sure tank is clean: make certain that the tank is free of sulfur residues.
- Carefully calculate the amounts of CIVITAS and CIVITAS HARMONIZER Ready-2-MixCIVITAS
   HARMONIZER needed before mixing. Use 1 part, by volume, of CIVITAS HARMONIZER
   Ready-2-MixCIVITAS HARMONIZER for every 16 parts, by volume, of CIVITAS or 1.32 qts. of CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER per 5 gals. of CIVITAS. Refer to the Application Rate Tables for controlling specific pests.
- Roll CIVITAS drums/pails or lightly mix containers that have been still for at least 3 months.
- Shake or agitate CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER immediately prior to adding it to the tank.

## **Mixing Directions**

- With agitator running, start filling the tank until it gets about half full. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- CIVITAS is an emulsified concentrate and should be added after Wettable Soluble Powders, Wettable Powders, Water Dispersible Granular and Liquid Flowables are added to the tank.
- Add CIVITAS to the mixture. If the mixture turns milky white, this indicates proper emulsion, and the formulation can be applied to the turf. **Do not use this product if it does not emulsify.**
- Add the calculated amount of shaken CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER. That should cause the spray mix to turn an opaque green color.
- Add remaining emulsified concentrate and Soluble soluble products (if applicable) and fill the tank completely with water.
- Maintain agitation during mixing and application
- Prepare only enough spray mix for the current day's use. Do not store spray mix.

#### **Tank Mixes**

Follow all directions, restrictions, precautions, and limitations on labeling of all products used in tank mixes. Observe the most restrictive of the labeling limitations and precautions of all products used in the mixture. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

Do not combine CIVITAS in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use or "jar compatibility test" has shown the combination to be physically compatible and non-injurious to turf under your conditions. USE WITH CAUTION and test on a small area prior to broad application, especially with the following combinations:

- Combinations with DMI fungicides will increase the possibility of phytotoxicity inherent with certain DMI chemistries, especially on *Poa annua*, Colonial Bentgrass and Bermudagrass, under high temperatures and humidity. Increasing total spray volume may help reduce the chance of phytotoxicity.
- Combinations with high rates of certain iron-containing products may cause temporary discoloration.
- Use caution when tank-mixing with high rates of Chlorothalonil, especially under high temperature conditions.
- Do not combine CIVITAS with pentachloronitrobenzene (PCNB) as phytotoxicity may result from the combination when applied to turf.

## **APPLICATION PROCEDURES**

- CIVITAS may be applied using the types of spray equipment commonly employed for ground applications. Note requirements for SPRAY DRIFT MANAGEMENT.
- Apply at 1-5 gallons of total spray volume per 1000 ft<sup>2</sup>.
- CIVITAS should only be applied to non-dormant, healthy turf.
- All applications must be consistent with the requirements and specifications indicated in the DIRECTIONS FOR USE and the rest of this label.
- CIVITAS should be applied prior to the onset of disease, turf dormancy, biotic or abiotic stressors.
- On golf course greens, it is recommended to use application rates toward the lower end of the specified range for the pest(s) to be controlled.
- Thorough coverage will provide the best result, use of flat fan or air induction nozzles are suggested.
- Protect porous surfaces and objects from overspray to avoid discoloration. Clean up any spills containing <u>CIVITAS HARMONIZER Ready-2-MixCIVITAS HARMONIZER</u> immediately with warm water and soap to help avoid persistent staining.
- When disease pressure is high, use application rates toward the upper end of the range specified for the pest(s) to be controlled and retreat at intervals toward the shorter end of the range specified, unless product use is not appropriate due to temperature, humidity, and/or turf health.

## **APPLICATION RATE TABLES**

## Turf Disease Control (listed in alphabetical order)

	Target Disease	Application Interval (Days)	Total Application Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS per 1,000 sq. ft.)	Comments
Ar	nthracnose	7-14 days	1-5 gal.	8 fl. oz. CIVITAS,	

1 (0 "		I	10.50	
(Colletotrichum			And 0.5 fl. oz. CIVITAS HARMONIZER Ready-2-	
cereale)			MixCIVITAS HARMONIZER	
			Up to:	
			16 fl. oz. CIVITAS,	
			And 1.0 fl. oz. CIVITAS	
			HARMONIZER Ready-2-	
Brown Patch	14-21 days	1-5 gal.	MixCIVITAS HARMONIZER  8 fl. oz. CIVITAS,	When disease pressure is high,
(Rhizoctonia	1121 days	i o gai.	And 0.5 fl. oz. CIVITAS	CIVITAS should be used in
solani)			HARMONIZER Ready-2-	combination with an appropriate,
			MixCIVITAS HARMONIZER	registered fungicide.
			Up to:	
			16 fl. oz. CIVITAS,	
			And 1.0 fl. oz. CIVITAS	
			HARMONIZER Ready-2-	
			MixCIVITAS HARMONIZER	
Crown Rust	14-21 days	1-5 gal.	16 fl. oz. CIVITAS,	When disease pressure is high,
(Puccinia		3	And 1.0 fl. oz. CIVITAS	CIVITAS should be used in
coronate)			HARMONIZER Ready-2-	combination with an appropriate,
Coronato			MixCIVITAS HARMONIZER	registered fungicide.
Dollar Spot	7-21 days	1-5 gal.	8 fl. oz. CIVITAS,	When disease pressure is high,
(Sclerotinia	7 21 days	i o gai.	And 0.5 fl. oz. CIVITAS	CIVITAS should be used in
homoeocarpa)			HARMONIZER Ready-2-	combination with an appropriate,
nomecodipa)			MixCIVITAS HARMONIZER	registered fungicide.
			Up to:	
			16 fl. oz. CIVITAS,	
			And 1.0 fl. oz. CIVITAS	
			HARMONIZER Ready-2-	
			MixCIVITAS HARMONIZER	
Fusarium patch	7-21 days	1-5 gal.	8fl. oz. CIVITAS,	When disease pressure is high,
(Microdochium			And 0.5 fl. oz. CIVITAS	CIVITAS should be used in
nivale)			HARMONIZER Ready-2-	combination with an appropriate,
-/			MixCIVITAS HARMONIZER	registered fungicide.
Gray Leaf Spot	14 days	1-5 gal.	8 fl. oz. CIVITAS,	CIVITAS should be used in
(Pyricularia			And 0.5 fl. oz. CIVITAS	combination with an appropriate,
grisea)			HARMONIZER Ready-2-	registered fungicide.
			MixCIVITAS HARMONIZER	
			Up to:	
			16 fl. oz. CIVITAS,	
			And 1.0 fl. oz. CIVITAS HARMONIZER Ready-2-	
			MixCIVITAS HARMONIZER	
Large Patch of	2 applications	1-5 gal.	16 fl. oz. CIVITAS,	CIVITAS should be used in
Zoysia	in the early	, o gai.	And 1.0 fl. oz. CIVITAS	combination with an appropriate,
(Rhizoctonia	Fall before		HARMONIZER Ready-2-	registered fungicide.
(Kriizocionia   solani)	turf has		MixCIVITAS HARMONIZER	Fallers up applies the in sect.
Joiann)	become dormant			Follow up application in early Spring may be necessary where
	domain			disease pressure is high.
	1	1	1	, ,

Leaf Spot / Melting-out (Drechslera spp. and/or Bipolaris spp)	14 days	1-5 gal.	8 fl. oz. CIVITAS, And 0.5 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER  Up to:  16 fl. oz. CIVITAS, And 1.0 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER	
Necrotic Ring (Leptosphaeria korrae)	14 days	1-5 gal.	16 fl. oz. CIVITAS And 1.0 fl. oz. <del>CIVITAS</del> HARMONIZER Ready-2- MixCIVITAS HARMONIZER	
Powdery Mildew (Erysiphe graminis)	14 days	1-5 gal.	16 fl. oz. CIVITAS, And 1.0 fl. oz. <del>CIVITAS</del> HARMONIZER Ready-2- MixCIVITAS HARMONIZER	
Pythium Blight (Pythium aphanidermatu m)	14 days	1-5 gal.	8 fl. oz. CIVITAS, And 0.5 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER  Up to:  16 fl. oz. CIVITAS, And 1.0 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER	CIVITAS should be used in combination with an appropriate registered fungicide based on pyraclostrobin (FRAC code 11) and/or mefenoxam (FRAC code 4) chemistries. CIVITAS enhances performance of tank mix partners.
Red Thread (Laetisaria fuciformis)	14 days	1-5 gal.	16 fl. oz. CIVITAS, And 1.0 fl. oz. <del>CIVITAS</del> HARMONIZER Ready-2- MixCIVITAS HARMONIZER	
Rhizoctonia Leaf Spot/ Mini- Ring (Rhizoctonia zeae)	14-21 days	1-5 gal.	8 fl. oz. CIVITAS, And 0.5 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER  Up to:  16 fl. oz. CIVITAS, And 1.0 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER	CIVITAS should be used in combination with an appropriate registered fungicide based on Azoxystrobin.
Snow Mold, Gray (Typhula ishikariensis, Typhula incarnata) Pink (Microdochium nivale)	Apply clean- up spray 14- 21 days before final spray, and before turf has become dormant	1-5 gal.	16 fl. oz. CIVITAS And 1.0 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER  Up to:  32 fl. oz. CIVITAS, And 2.0 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER	CIVITAS should be used in combination with an appropriate, registered fungicide.  Must apply final spray before the plant has become dormant.

Southern Blight (Sclerotium rolfsii)	14 days	1-5 gal.	16 fl. oz. CIVITAS, And 1.0 fl. oz. <del>CIVITAS</del> HARMONIZER Ready-2- Mix <u>CIVITAS HARMONIZER</u>	
Spring Dead Spot ( <i>Ophiosphaerell</i> <i>a korrae</i> )	2 applications in the early Fall before turf has become dormant	1-5 gal.	16 fl. oz. CIVITAS And 1.0 fl. oz. <del>CIVITAS</del> HARMONIZER Ready-2- MixCIVITAS HARMONIZER	CIVITAS should be used in combination with an appropriate, registered fungicide.  When CIVITAS is used in a tank mix with fenarimol the turfgrass should be irrigated with 0.5 inches of water following application.
Summer Patch (Magnaporthe poae)	7 days	1-5 gal.	8 fl. oz. CIVITAS, And 0.5 fl. oz. CIVITAS HARMONIZER Ready-2- MixCIVITAS HARMONIZER	CIVITAS should be used in combination with an appropriate, registered fungicide.

## **Turf Insect Suppression**

Target Pest	Application Interval (Days)	Total Applicatio n Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS™ per 1,000 sq. ft.)	Comments
<ul> <li>Annual Blue Grass Weevils</li> <li>Banks Grass Mites</li> <li>Mealybugs</li> <li>Mites</li> <li>Cutworm</li> <li>Sod Webworm</li> <li>Fall Armyworm</li> </ul>	7-21 days	1-5 gal.	8 fl. oz. CIVITAS, And 0.5 fl. oz. <u>CIVITAS</u> <u>HARMONIZER GIVITAS</u> <u>HARMONIZER Ready-2-Mix</u> Up to:  16 fl. oz. CIVITAS, And 1.0 fl. oz. <u>CIVITAS</u> <u>HARMONIZER GIVITAS</u> <u>HARMONIZER GIVITAS</u> <u>HARMONIZER Ready-2-Mix</u>	Do not make spot applications.  Treat the entire area where exposure (or infestation) occurs.  Insecticidal effect of CIVITAS can also be achieved when CIVITAS is combined with other compatible control methods as part of an integrated pest management (IPM) program.

## CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Intelligro, a Suncor Energy business **[or]** Petro-Canada Lubricants Inc., the manufacturer or seller. To the extent consistent with applicable law neither Intelligro, a Suncor Energy business **[or]** Petro-

Canada Lubricants Inc., the manufacturer or seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as warranted by this label, Intelligro, a Suncor Energy business *[or]* Petro-Canada Lubricants Inc., the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and Intelligro, a Suncor Energy business *[or]* Petro-Canada Lubricants Inc.'s, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

**NET CONTENTS:** x GAL. (x L)

## [OPTIONAL MARKETING CLAIMS- to appear on any panel, product name subject to change based on Alternate Brand Name marketed1

- CIVITAS™ A Turf Management Tool
- Use CIVITAS™ as part of your Overall Turf Management Program
- Use CIVITAS™ [TURF DEFENSE™] products as part of your Overall Turf Management Program
- Fungicide that controls over 15 turf grass pathogens as listed on the label
- Controls Surface Insects as listed on the label
- Year-Round Applicability subject to label Use Restrictions
- Shake well before using
- Keep from freezing
- For Use in Both Conventional and Organic Turfgrass Management
- Plant protection product for turf
- Fungicide, insecticide for turfgrass
- Fungicide, insecticide for turf on golf courses, sports and athletic fields
- strengthIN<sup>TM</sup>
- CIVITAS<sup>TM</sup> can help turf tolerate limited water conditions CIVITAS<sup>TM</sup> helps support healthy turf for a more durable playing surface

## [BRAND LOGO]







Ready-2-Mix

[StrengthIN BRAND LOGO]



## [OMRI LOGO]



[INTELLIGRO/COMPANY LOGO]

