

TURF ON GOLF COURSES INCLUDING FAIRWAYS, GREENS, ROUGHS AND TEES *

**This product is primarily intended for use on fairways and roughs. The product should be tested on small area prior to broad application.*

TARGET DISEASE	APPLICATION RATE - (Ounces CIVITAS™ per 1,000 sq. ft.)	Ounces CIVITAS HARMONIZER™ per 1,000 sq. ft.	Total Application Volume with water (gal per 1,000 sq. ft.)	APPLICATION INTERVAL (Days)	COMMENTS
Anthracnose (<i>Colletotrichum graminicola</i>) Brown Patch (<i>Rhizoctonia solani</i>) Spring Leaf Spot Grey Leaf Spot (<i>Pyricularia grisea</i>) Fusarium patch Dollar Spot (<i>Sclerotinia homoeocarpa</i>) Necrotic Ring (<i>Leptosphaeria korrae</i>) Red Thread (<i>Laetisaria fuciformis</i>) Leaf Spot / Melting-out (<i>Drechslera spp.</i> and/or <i>Biopolaris spp.</i>) Powdery Mildew (<i>Erysiphe graminis</i>)	8 oz to 32 oz	1 oz to 4 oz.	1 gal to 5 gal	7 to 21	Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™. Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area. Apply as a preventative treatment or when conditions are favorable for disease development.
**Grey Snow Mold (<i>Typhula ishikariensis</i> , <i>Typhula incarnate</i>) **Pink Snow Mold (<i>Microdochium nivale</i>)	8 oz to 32 oz	1 oz to 4 oz.	1 gal to 5 gal	7 to 14	**For Grey Snow Mold and Pink Snow Mold: Make 2 or more applications spaced 7-14 days apart in late fall before snow cover. Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area.
Annual Blue Grass Weevils Banks Grass Mites Mealybugs Mites Cutworm Sod Webworm Fall Armyworm	8 oz to 32 oz	1 oz to 4 oz.	1 gal to 5 gal	7 to 21	Only use in conjunction with Petro-Canada's CIVITAS HARMONIZER™ Add Petro-Canada CIVITAS HARMONIZER™ in a ratio of between 8 and 16 parts by volume CIVITAS™ to 1 part CIVITAS HARMONIZER™ by volume. Use lower ratio of CIVITAS™ to CIVITAS HARMONIZER™ to achieve more intense coloration of treated area. Do not make spot applications. Treat the entire area where exposure (or infestation) occurs.

LANDSCAPE ORNAMENTALS

SHADE TREES** AND SHRUBS INCLUDING CONIFERS, DECIDUOUS BROADLEAF EVERGREENS & WOODY ORNAMENTALS, ORNAMENTAL TREES**, ALONG CITY STREETS, OTHER RIGHTS-OF-WAY, AND IN LANDSCAPES				
TARGET PEST	APPLICATION RATE (Ounces CIVITAS™ per gallon of water)	APPLICATION INTERVAL (Days)	COMMENTS	
Powdery Mildew	1 to 2.5 Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff	14	Do not use with Petro-Canada's CIVITAS HARMONIZER™. Apply when conditions are favorable for disease development. CAUTION: Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress.	
Adelgids, Webworms	For Spring and Summer Use Only 1 to 2.5 Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff.	14	Do not use with Petro-Canada's CIVITAS HARMONIZER™. CAUTION: Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress. NOTE: May cause discoloration of Blue Spruce. Do not use on conifers or ferns not tolerant to CIVITAS™ spray solution. Use a lower concentration for more sensitive plants. ** This product removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Tendency toward sensitivity: Red Cedar and Douglas Fir.	

FOLIAGE ORNAMENTALS AND BEDDING PLANTS INCLUDING AGERATUM, AGLAONEMA, ASTER, AZALEAS, BEGONIAS, BROWALLIA, CAMELLIAS, CELOSIA, CHRYSANTHEMUM, COLEUS, COSMOS, CROWN OF THORNS, DIEFFENBACHIA, DUSTY MILLER, FERNS, FIGUS, GARDENIAS, GERBERA, HELLICHRYSUM, HIBISCUS FOLIAGE, HYDRANGEA, LISIANTHUS, MARIGOLD, NEW GUINEA IMPATIENS, NICOTONIA, PALMS, PETUNIA, PHILODENDRON, PORTULACA, REIGER BEGONIAS, SCHEFFLERA, SNAPDRAGON, SUNFLOWER, ZINNIAS				
<i>Some plants are more sensitive to CIVITAS™ if any of the following conditions are present when application is made: High humidity (74%), an overcast or cloudy day, and/or inadequate air flow.</i>				
TARGET PEST	APPLICATION RATE (Ounces CIVITAS™ per gallon of water)	APPLICATION INTERVAL (Days)	COMMENTS	
Powdery Mildew	0.5 to 1.5 Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves and stems until wet but without significant runoff.	7	Do not use with Petro-Canada's CIVITAS HARMONIZER™. Apply when conditions are favorable for disease development. Due to varietal differences in response to a treatment of this product at the recommended rate, we recommend conducting a small test on 1 or 2 plants of the specific variety to be treated.	

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 Petro-Canada, the manufacturer or seller. To the extent consistent with applicable law neither Petro-Canada, the manufacturer or seller 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, Petro-Canada, 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 Petro-Canada, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

Manufactured in Canada for:
PETRO-CANADA
385 SOUTHDOWN ROAD, MISSISSAUGA, ONTARIO L5K 1A8, CANADA
www.petro-canada.ca/



FUNGICIDE AND INSECTICIDE FOR GOLF COURSE TURF AND FOR ORNAMENTALS

ACTIVE INGREDIENT: Mineral Oil.....98.00%
OTHER INGREDIENTS:2.00%
TOTAL 100.00%

PATENT PENDING
KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional Precautionary Statements

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FIRST AID	
If swallowed	<ul style="list-style-type: none"> Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<p>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 PETRO-CANADA: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.</p>	
<p>NOTE TO PHYSICIAN: CONTAINS PETROLEUM DISTILLATE. DO NOT INDUCE VOMITING SINCE VOMITING MAY INDUCE ASPIRATION PNEUMONIA.</p>	
<p>EPA REG. NO. 69526-13 EPA EST. NO. 79693-CAN-001</p>	

Precautionary Statements
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. This product is a potential skin sensitizer. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants;
- Chemical-resistant gloves, such as: barrier laminate or Nitrile rubber, Neoprene rubber or Viton;
- Shoes plus socks

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

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. Apply this product only as specified on the label.

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. Do not apply this product aerially.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. 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.
STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. 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. Do not freeze. Roll drum before use if stored longer than 3 months. 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: Disposal of waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

[5-Gallon Polyethylene Pail]: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean 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. If recycling is unavailable, puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

USE INFORMATION

CIVITAS™ is a broad spectrum, fungicide and insecticide for use on golf course turf and landscape ornamentals listed on this label. CIVITAS™ is used to control powdery mildew, adelgids and webworms on landscape ornamentals. CIVITAS™ may be applied as part of an alternating spray program or in tank mixes with other registered, turf and ornamental protection products. Read all label directions for proper use of other turf and ornamental protection products. CIVITAS™ is used as a preventative treatment with curative properties recommended for the control of many important diseases on turf. This product is intended primarily for fairways and roughs.

For turf applications, CIVITAS™ must only be used in conjunction with Petro-Canada CIVITAS HARMONIZER™.

Do not use CIVITAS HARMONIZER™ for ornamental applications.

CIVITAS™ may be applied with spray equipment commonly used for ground applications. Ensure sufficient agitation is provided either through the use of mechanical mixing or thorough circulation
Note: This product has not been tested on all species or varieties. Before treating a large area, treat a small area and observe prior to full scale applications.

For ground applications, apply CIVITAS™ in sufficient water volume for adequate coverage and canopy penetration. All applications must be made according to the use directions that follow.

Note: This product was formulated to provide luster to turf and is not uncommon to notice a healthy luster after spraying.

INTEGRATED PEST MANAGEMENT (IPM)

Pests are not known to develop resistance to CIVITAS™ and can be used for resistance management strategies and in an integrated pest management program (IPM). Consult with your local Cooperative Extension Specialist, on using this product for resistance management and using it in an IPM program.

MIXING DIRECTIONS

DIRECTIONS

Use only in equipment with sufficient agitation to keep spray thoroughly mixed. Provide sufficient agitation during mixing and application to maintain a uniform emulsion. Be sure tank is clean.

DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

Note: Use efficient equipment of the proper type. Avoid spraying during or immediately prior to hot or freezing weather, rain or other unsuitable conditions; avoid over spraying or double spraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable. Before using, make certain spray tank is free of sulfur residues.

For Ornamental Applications:

With agitator running, start filling tank with water; add CIVITAS™ when tank is about 1/2 full. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding other desired materials as tank is filling.

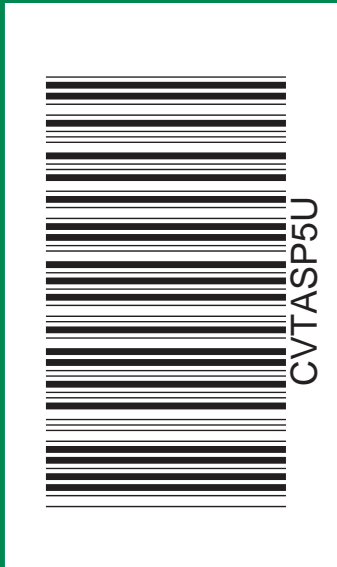
For Turf Applications:

CIVITAS™ must only be used in conjunction with Petro-Canada's CIVITAS HARMONIZER™. CIVITAS HARMONIZER™ enhances the color of treated turf while minimizing the impact of stresses. For purposes of color adjustment the ratio of Petro-Canada CIVITAS HARMONIZER™ to CIVITAS™ can be varied from 1 to 8 up to 1 to 16 by volume and any value in between.

Carefully calculate the quantity of CIVITAS™ and CIVITAS HARMONIZER™ needed before mixing. Shake or agitate CIVITAS HARMONIZER™ immediately prior to use. With agitator running, start filling tank with water; add CIVITAS™ when tank is about 1/2 full. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding CIVITAS HARMONIZER™ as tank is filling. Spray mix should have a uniform opaque dark green color. Keep agitation during application. Prepare only enough spray mix for the current day's use, do not store spray mix.

Tank Mixes

DO NOT combine CIVITAS™ in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use has shown the combination physically compatible and non-injurious under your conditions. **DO NOT** combine CIVITAS™ with chlorothalonil as phytotoxicity may result from the combination when applied to turf.



WARNING
MISE EN GARDE
ATENCIÓN



Children can fall into pails and drown. Keep children away from pails with even a small amount of liquid.

Les enfants risquent de tomber dans le seau et de se noyer. Le tenir loin des enfants, même s'il est presque vide.

Los niños pueden caerse en los baldes y ahogarse. Mantenga los baldes fuera del alcance de los niños aun cuando tengan una pequeña cantidad de líquido.