

GROUP	BM 01	FUNGICIDE
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# Timorex Gold

## BIOFUNGICIDE

### EMULSION

For the control or suppression of listed diseases on grape, greenhouse and field pepper, greenhouse and field tomato, greenhouse cucumber, greenhouse and field strawberry, greenhouse lettuce, greenhouse eggplant, hops, potato, blueberry, raspberry and greenhouse cannabis, cannabis grown in other enclosed growing structures and field cannabis.

#### COMMERCIAL

READ THE LABEL BEFORE USING

WARNING – EYE IRRITANT

WARNING - SKIN IRRITANT

POTENTIAL SKIN SENSITIZER

ACTIVE INGREDIENT: Tea Tree Oil ..... 23.80%

REGISTRATION NO. 30910 PEST CONTROL PRODUCTS ACT

**Manufactured by:**

Stockton (Israel) Ltd.  
17 Ha'Mefalsim St.  
Petach Tikva P.O. Box 3517  
Israel 4951447  
[www.stockton-ag.com](http://www.stockton-ag.com)

Represented by:

Belchim Crop Protection Canada, Inc.  
104 Cooper Drive, Unit 3  
Guelph, ON  
N1C 0A4  
1-866-613-3336

Net Contents: 0.5, to 200 litres

## **PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

Causes eye, skin and mucous membrane irritation. **DO NOT** get in eyes, on skin or clothing, or inhale sprays, mists or vapours. Potential skin sensitizer. May cause respiratory irritation. Workers are required to wear a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), socks and shoes, and a NIOSH-approved particulate filtering facepiece respirator (minimum R-95 or P-95) that is properly fit tested, during mixing, loading, application, clean-up and repair.

Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Keep unprotected persons out of the areas of the greenhouse to be treated for the duration of the treatment and the restricted entry interval (REI).

Do not apply to field crops when bystanders are in the vicinity of the fields to be treated.

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

**USER SAFETY RECOMMENDATIONS:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove personal protective equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL PRECAUTIONS:**

**TOXIC** to aquatic organisms. Observe buffer zones specified under **DIRECTIONS FOR USE**.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

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.

### **FIRST AID:**

#### **If swallowed**

- Call a poison control centre or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control centre 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**

- 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.
- 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 in eyes**

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

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

Note: Product contains a petroleum distillate solvent.

**TANK MIXING:**

**Do not apply Timorex Gold with captan or sulphur, which could cause phytotoxicity. Carefully clean the spray tank, if you have used these products recently. 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. Always use caution when trying a new spray mixture, by applying to a few test plants.**

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 Belchim Crop Protection Canada, Inc. at 1-866-613-3336 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

**STORAGE:**

Store in original container, in a dry, cool place out of direct sunlight and away from heat sources. Keep from overheating or freezing.

To prevent contamination 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.

**GENERAL USE INFORMATION:**

Timorex Gold is a broad spectrum, preventative biofungicide for the control or suppression of listed fungal diseases on certain greenhouse and field crops. It may be applied as a foliar spray or in an alternating spray program with other registered crop protection products. For maximum effectiveness, use Timorex Gold at the

first sign of disease development. When conditions cause heavy disease pressure, use Timorex Gold in a rotational program with other registered fungicides.

Timorex Gold may be applied with ground application equipment. Timorex Gold will control powdery mildew on greenhouse and field pepper, greenhouse and field tomato, greenhouse cucumber, greenhouse eggplant, and grape, and suppress powdery mildew on strawberry, hops and greenhouse cannabis, cannabis grown in other enclosed growing structures and field cannabis; control botrytis bunch rot on grape; control grey mould on greenhouse and field tomato, greenhouse and field strawberry, greenhouse lettuce, greenhouse eggplant, blueberry, raspberry, greenhouse cannabis, cannabis grown in other enclosed growing structures and field cannabis, and hops; suppress downy mildew on grape and greenhouse cucumber, suppress late blight on greenhouse and field tomato and potato, suppress early blight on greenhouse and field tomato; and, control white mould on greenhouse eggplant, and suppress white mould on greenhouse cannabis, cannabis grown in other enclosed growing structures and field cannabis.

**USE DIRECTIONS:**

SHAKE WELL BEFORE USE.

**Boom Sprayers, High Pressure Sprayers and other equipment fitted with agitation:**

Half fill the spray tank, turn on agitation and add the required amount of Timorex Gold. With agitation on, add the remaining water to the spray tank. Maintain agitation during mixing, standing and spraying. Do NOT allow the diluted spray to remain in the spray vat for more than 24 hours.

**Knapsack Sprayers (including airblast backpack sprayers):**

Half fill the sprayer with water. Add the required amount of Timorex Gold. Top up the spray tank with water to the required level. Shake the sprayer to ensure the product is well dispersed in the water. Do NOT allow the diluted spray to remain in the spray tank for more than 24 hours.

**APPLICATION RATES and level of disease control for Timorex Gold**

Crop	Disease	Level of control	Product L/ha	Spray volume L/ha
Grape	Powdery mildew ( <i>Erysiphe necator</i> )	Control	1.5-2.0	600-1500
	Downy mildew ( <i>Plasmopara viticola</i> )	Suppression	3.0-4.0	600-1500
	Botrytis bunch rot ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	600-1500
Greenhouse tomato and open field tomato	Powdery mildew ( <i>Oidium neolycopersici</i> , <i>O. lycopersici</i> or <i>Leveillula taurica</i> )	Control	2.0-3.0	400-1200
	Late blight ( <i>Phytophthora infestans</i> )	Suppression	2.0-3.0	400-1200
	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-1200
	Early blight ( <i>Alternaria solani</i> )	Suppression	1.5 – 1.88	400-1200
Greenhouse peppers	Powdery mildew	Control	1.0-1.5	400-800

and open field peppers	<i>(Leveillula taurica)</i>			
Greenhouse cucumber	Powdery mildew ( <i>Sphaerotheca fuliginea</i> or <i>Erysiphe cichoracearum</i> )	Control	2.0-3.0	400-800
	Downy mildew ( <i>Pseudoperonospora cubensis</i> )	Suppression	2.0-3.0	400-800
Blueberry (Highbush and Lowbush)	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-800
Strawberry – open field	Powdery mildew ( <i>Podosphaera aphanis</i> )	Suppression	2.0-3.0	400-800
	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-800
Raspberry	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-1200
Potato	Late blight ( <i>Phytophthora infestans</i> )	Suppression	2.25	200-400
Greenhouse Cannabis, Cannabis grown in other enclosed growing structures and field Cannabis	Grey mould ( <i>Botrytis cinerea</i> )	Control	2.0	400 -1000
	Powdery mildew ( <i>Podosphaera macularis</i> ) White mould (cottony rot) ( <i>Sclerotinia sclerotiorum</i> )	Suppression	2.0	400-1000

**NOTE TO USER:**

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Stockton (Israel) Ltd. under the User Requested Minor Use Label Expansion program. For these uses, Stockton (Israel) Ltd. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

Greenhouse strawberry	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-800
Greenhouse lettuce	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-800
Greenhouse eggplant	Grey mould ( <i>Botrytis cinerea</i> ), White mould ( <i>Sclerotinia sclerotiorum</i> )	Control	1.5-2.0	400-800
	Powdery mildew ( <i>Leveillula taurica</i> )	Control	1.0-1.5	400-800

Hops	Grey mould ( <i>Botrytis cinerea</i> )	Control	1.5-2.0	400-1200
	Powdery mildew ( <i>Podosphaera macularis</i> )	Suppression	1.0-1.5	400-800
Use higher application rates within the stated ranges when disease pressure is expected to be high due to favourable conditions.				

Timorex Gold has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Test a small portion of the crop for sensitivity prior to treating entire crop.

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.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

### DIRECTIONS FOR USE:

Restricted-Entry Interval (REI): **DO NOT** enter or allow worker entry into treated areas for 4 hours or until sprays have dried. For early entry into treated areas within 4 hours of application, workers will be required to wear a long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield), sock and shoes, and a NIOSH-approved particulate filtering facepiece respirator (minimum R-95 or P-95) that is properly fit tested. Allow entry or re-entry to greenhouse only after thorough ventilation and spray mist or fog has cleared and the treated surface has dried.

Apply in slow drying conditions for best uptake of spray solution and product effectiveness.

Do not spray during the warm hours of the day and in hot seasons with temperatures above 35°C (95°F)

Treated crops should not be harvested until a pre-harvest interval (PHI) of 2 days has passed.

Do not apply this product through any type of irrigation system.

Apply Timorex Gold at recommended rates of spray volume (see table of Application Rates). Make applications preventatively or in the early stages of disease infestation for best results. Apply Timorex Gold in the greenhouse or field to listed crops using conventional spray equipment. Application may only be made in the greenhouse for specifically indicated crop-disease combinations. Good coverage and wetting of the foliage is required. Use enough spray solution to **completely penetrate the leaf canopy and cover both the top and underside of all leaves until runoff**. Within the stated spray volumes, the amount of spray solution to apply will vary with crop and amount of plant growth. Prepare enough solution based on leaf and plant density to ensure thorough coverage, while maintaining the concentration spray volume. Reapply Timorex Gold throughout the growing season at 7-14 day intervals. Within this range, use the shortest application interval under conditions that promote rapid disease development or heavier disease pressure.

Use higher application rates of the stated ranges when disease pressure is expected to be high due to favourable conditions.

**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) fine 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 using aerial application equipment.

### Spray Buffer zones:

Use of the following spray methods or equipment **DO NOT** require a spray buffer zone: hand-held or backpack sprayer and spot treatment.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of 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		Spray Buffer Zones (metres) Required for the Protection of:			
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:	
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	Strawberry		2	0	1	0
	Grapes		4	1	1	1
	Blueberry, raspberry, potato, tomato		1	0	0	0
	Hops, cannabis		1	1	N/A	N/A
Airblast	Grapes	Early growth stage	15	1	3	1
		Late growth stage	10	1	2	1
	Hops, cannabis	Early growth stage	2	0	N/A	N/A
		Late growth stage	1	0	N/A	N/A

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..