

87862-1

04/18/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

APR 18 2012

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Olav Messerschmidt  
OMC AG Consulting Agent for  
MPT Mustard Products and Technologies Inc  
828 Tangle wood LN  
East Lansing MI 48823

Subject CA 1 for Turf and Ornamentals  
EPA Registration No 87862 1  
Label Amendment requesting a stamped approved label subsequent to EPA s approval of  
the product transfer  
Decision # 452983  
Application Dated July 14 2011

Dear Mr Messerschmidt

The amendment referred to above submitted in connection with registration under FIFRA section 3(c)(5) is **acceptable** provided that you

- 1 Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c) (5) when the Agency requires all registrants of similar products to submit such data
- 2 Submit three (3) copies of your final printed labeling before you release the product for shipment Final printed labeling means the label or labeling of the product when distributed or sold Clearly legible reproductions or photo reductions will be accepted for unusual labels such as those silk screened directly onto glass or metal containers or large bags or drum labels

If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA section 6(b) Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions

If you have any questions contact Ms Menyon Adams at 703 347 8496 or by email at [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov) A stamped copy of the label is enclosed for your records

Sincerely

CONCURRENCES

Linda A Hollis Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)

SYMBOL ▶ DS11P  
SURNAME ▶ [Handwritten]  
DATE ▶ 04/18/12

# MustGro™ Invest™ for Turf and Ornamentals

<b>Active Ingredient</b>	
Oriental Mustard Seed ( <i>Brassica juncea</i> )	98%*
<b>Other Ingredients</b>	2%
<b>TOTAL</b>	100%

\*Contains by weight 1% Allyl isothiocyanate (AITC)

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 20 minutes</li> <li>• Remove contact lenses if present after the first 5 minutes then continue rinsing eye</li> <li>• Call a poison control centre or doctor for treatment advice</li> </ul>
Have the product container or label with you when calling a poison control centre or doctor or going for treatment	
See back panel for additional precautionary statements	

EPA Reg No 87862 – 1  
EPA Est No 67650 CN 001

Net Contents 2205 lbs (1 metric ton tote)

**Manufactured by**  
MPT Mustard Products and Technologies Ltd  
101 – 111 Research Drive  
Saskatoon  
Saskatchewan Canada  
S7N3R2  
Tel 306 668 2692

ACCEPTED  
APR 18 2012

Under the Federal Insecticide, Fungicide  
and Rodenticide Act a pesticide registered under  
the pesticide registered under  
EPA Reg No 87862-1

™Registered Trade Mark of MPT™ Mustard Products and Technologies Inc

## PRECAUTIONARY STATEMENTS

### Hazard to Humans and Domestic Animals

Caution Causes moderate eye irritation Avoid contact with eyes or clothing If it comes into contact with eyes wash thoroughly with plenty of running water Wash hands thoroughly with soap and water after handling

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear long sleeved shirts and long pants shoes and socks It is strongly recommended to wear goggles and not expose bare skin when handling the product Follow manufacturer s instructions for cleaning and maintaining PPE Wash and keep PPE separately from other laundry

### User Safety Requirements

Users should wash hands before eating drinking chewing gum using tobacco or using the toilet 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

### Environmental Hazards

Product must not be applied 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 water

## DIRECTIONS FOR USE

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

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170 This Standard contains requirements for the protection of agricultural workers on farms forests nurseries and greenhouses and handlers of agricultural pesticides It contains requirements for training decontamination notification and emergency assistance It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry intervals (REI) The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard

There is a restricted entry of zero (0) hours for soil application of this product Keep unprotected persons out of treated areas until sprays have dried or dusts have settled

## General Information

MustGro™Invest™ for Turf and Ornamentals is a dry granular applied directly to soil for suppression of plant parasitic nematodes including root knot lance and stubby root nematodes and soil fungi including *Rhizoctonia solani* and *Aspergillus* spp MustGro™Invest™ for Turf and Ornamentals is intended for use as a part of an Integrated Pest Management (IPM) system When used in conjunction with good cultural management practices and as part of a complete control program MustGro™Invest™ for Turf and Ornamentals suppresses nematode infestations in turf and ornamentals Turf and ornamentals will be healthier and plant vigor will be increased

### Mixing and Application Directions

Do not mix with water prior to application This product is to be applied dry and directly incorporated in the soil or broadcast spread to the soil surface as directed below Treatment area must be watered immediately after application

**For established turf (including golf courses)** – Apply 15 to 20 lbs per 1000 square feet using a lawn spreader or any other applicator that will ensure uniform coverage Calibrate spreaders for accurate output The best time to apply is when soil is dry

MustGro™Invest™ for Turf and Ornamentals is activated by moisture and must be watered in immediately after application The amount of water required is a minimum of one inch applied 1/3 inch at a time in 30 minutes intervals

Reapply every 4 – 6 weeks to maintain effectiveness

**For use on ornamentals, before transplanting or seeding** – Apply 15 lbs to 20 lbs per 1000 square feet directly to soil surface 7 to 14 days prior to transplanting or seeding Do not transplant or seed immediately after treatment Apply product with a spreader or any other applicator that will ensure uniform coverage For optimum results mix/incorporate the product to a depth of 4 6 inches by means of disc rotary hoe or other similar equipment MustGro™Invest™ for Turf and Ornamentals is activated by moisture and must be watered in immediately after application Apply enough water to soak the top 4 6 inches of the treated surface

**NOTICE** A broad spectrum of plants and turf species have been found to be tolerant to MustGro™Invest™ for Turf and Ornamentals however due to the large number of species and varieties of ornamental plants and turf it is impossible to test every one for tolerance to MustGro™Invest™ for Turf and Ornamentals Neither the manufacturer nor the seller has determined whether or not MustGro™Invest™ for Turf and Ornamentals can be used on all know species of plants and turf Therefore a small test section at recommended rates should be used to test for phytotoxicity prior to widespread use

**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage or disposal

**Pesticide storage** Store in a cool dry place out of direct sunlight and away from heat sources

Optimum storage temperature is < 40° C Keep from overheating or freezing

**Pesticide disposal** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

**Container disposal** Do not reuse empty container Triple rinse (or equivalent) The offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or if allowed by state and local authorities by incineration If burned keep out of smoke

**WARRANTY**

To the extent consistent with applicable law MPT™ Mustard Products & Technologies Inc warrants that this product conforms to the chemical description on the label To the extent consistent with applicable law MPT™ Mustard Products & Technologies Inc neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability guarantee or representation express or implied concerning this material MPT™ Mustard Products & Technologies Inc s maximum liability for breach of this warranty shall not exceed the purchase price of this product To the extent consistent with applicable law buyer and user acknowledge and assume all risks and liabilities resulting from the handling storage and use of this material