



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

7501-190

Date of Issuance:

July 1, 2003

Date of Expiration:

May 30, 2006

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Titan™ FL

Name and Address of Registrant (include ZIP Code):

Gustafson LLC
1400 Preston Road, Suite 400
Plano, TX 75093

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.

2. Make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 7501-190".
- b. Add the following statements to the Directions for Use:

"All seed treated with this product must be conspicuously colored at the time of treatment. If this product contains no colorant, an appropriate colorant must be added to distinguish seed and to prevent subsequent inadvertent use as a food for man or a feed for animals. Regulations pertaining to coloration of treated seed enforced by 40 CFR 153.155 must be strictly adhered to when using this product."

3. This registration is time-limited and will terminate on May 30, 2006 unless renewed by EPA. Renewal of this registration is dependent upon the acceptable submission of data to satisfy the deficiencies that exist in the data base for technical clothianidin.

Signature of Approving Official:

Daniel C. Kenny, Product Manager (01)
Insecticide-Rodenticide Branch, Registration Division (7505C)

Date:

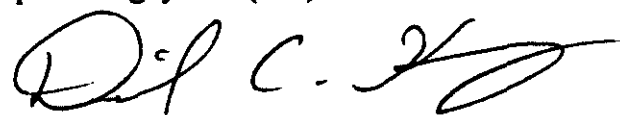
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4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any comments or questions regarding this Notice, please contact Stephanie Nguyen at (703) 605-0702.



Daniel C. Kenny
Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

RON(S)061703S1

TITANTM FL

Flowable Insecticide and Fungicide Seed Treatment

ACTIVE INGREDIENTS:

Clothianidin: [(C(E))-N-[(2-chloro-5-thiazolyl)methyl]-N'-methyl-N"-nitroguanidine.....	9.49 %
Thiram: tetramethylthiuram disulfide.....	9.49 %
Carboxin: 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide.....	4.43 %
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester	0.316%

OTHER INGREDIENTS: 76.274%

TOTAL: 100.00%

TITAN FL contains the following amounts of active ingredient per gallon: 1 lb. clothianidin; 1 lb. thiram; 0.47 lb. carboxin; 0.033 lb. metalaxyl.

EPA Reg. No. 7501- RON

EPA Est. 7501-IA-01

NET CONTENTS: 1 gal, 2.5 gal, 30 gal, 200 gal, 400 gal

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUL 1 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

7501-190

A quality product manufactured by:



Gustafson LLC
1400 Preston Rd., Suite 400
Plano, TX 75093
Questions? (972) 985-8877

KEEP OUT OF REACH OF CHILDREN

CAUTION

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

Harmful if inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Avoid contact with eyes or skin.

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, socks and shoes, chemical-resistant gloves, such as barrier laminate, butyl rubber >14 mils, nitrile rubber >14 mils, neoprene rubber >14 mils, polyvinyl chloride >14 mils, or Viton >14 mils and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

FIRST AID

If in eyes	<ul style="list-style-type: none"> • 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 center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT,
CALL (800) 424-9300**

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Contain any product spills or equipment leaks and dispose of wastes according to disposal instructions on this label. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use by commercial treaters only. Not for use on agricultural establishments in hopper-box, slurry-box, or other seed treatment applications at; or immediately before, planting.

LABELING OF TREATED SEED

Seed commercially treated with TITAN FL must be labeled in compliance with the Federal Seed Act.

All bags containing treated seed must be labeled or tagged as follows:

- This seed has been treated with clothianidin, thiram, carboxin, and metalaxyl.
- Do not use treated seed for feed, food or oil processing.
- Store away from feeds and other foodstuffs.
- Rapeseed greens and seed grown or harvested from TITAN FL-treated seed must not be used for feed or human consumption. Rapeseed grown and harvested from TITAN FL-treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption.
- Store away from feeds and other foodstuffs.
- Cover or incorporate spilled treated seeds.
- Wear long-sleeved shirt, long pants and waterproof gloves when handling treated seed.
- Dispose of all excess treated seed. Left over treated seed may be doublesown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Areas planted with treated seed may be replanted immediately with corn, rapeseed and canola. These areas may also be replanted after 30 days with cereal grains, grasses, non-grass animal feeds, soybeans, and dried beans. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

GENERAL INFORMATION: TITAN FL is a systemic insecticide and fungicide seed treatment for use on canola and rapeseed for control of certain insect pests and for control of seed rot, damping off, seedling blight and early season root rot caused by *Pythium*, *Rhizoctonia*, *Fusarium* and *Alternaria*. Also controls seed borne Blackleg. For protection of seeds and emerging seedlings only.

For use in commercially available equipment designed for seed treatment only. Not for use in hopper-box, slurry-box, or similar seed treatment applications used at planting. This product is to be used in liquid or slurry treaters. Mix thoroughly before use or use entire container at one time. All tank mixes should be pre-tested to determine physical compatibility between formulations. Observe all cautions and limitations on labeling of all products used in mixtures.

DIRECTIONS FOR USE: Prior to and during application, TITAN FL must be thoroughly agitated to ensure uniform mixing.

Canola And Rapeseed: Apply 19.2 to 25.6 fl.oz. of TITAN FL to 100 lbs. of seed using commercial seed treatment equipment. For longer season control of flea beetles, and for areas where flea beetle populations are often high TITAN FL can be tank mixed with Poncho™ 600 according to the directions in the table below. Do not apply more than a total of 6.4 oz. of clothianidin active ingredient per 100 pounds (400 g. a.i./100kg.) of canola or rapeseed.

TITAN FL Application Rate	Poncho™ 600 Application Rate
19.2 fl.oz / 100 lbs. of seed	Up to 6.4 fl.oz. / 100 lbs of seed
25.6 fl.oz. / 100 lbs. of seed	Up to 5.12 fl.oz. / 100 lbs. of seed

6/6

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty container. Open dumping is prohibited.

STORAGE: Storage at low temperatures is not recommended. Do not store above 95°F. Do not store in direct sunlight.

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: Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE – READ CAREFULLY
CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT**

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Gustafson LLC, no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use, and store this product in accordance with safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

Gustafson (logo) is a Reg. TM of Gustafson LLC
TITAN is a TM of Gustafson LLC
PONCHO is a TM of Bayer A.G.