10/2/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON D C 20460

> OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

NOTIFICATION

OCT 0 2 2012

Carolyn Mıter Albaugh Inc P O Box 2127 Valdosta GA 31604

Subject Notification Alternate Brand Name to be Macho 480 ST Imidacloprid 4L ST EPA Reg No 42750 134 Your letter dated September 18 2012

Dear Ms Miter

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10 dated 9 18 2012 for the product EPA Reg No 42750 134 The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action(s) requested fall within the scope of PRN 98 10 The label submitted with the application has been stamped Notification and will be placed in our records

If you have any questions please call me @ 703 305 5314 or metzger autumn@epa gov

Sincerely Autumn Metzger

Autumn Metzger Biologist Insecticide Rodenticide Branch Office of Pesticide Programs

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ALBAUGH, INC

3/15 GEORGIA OFFICE PO Box 2127 Valdosta GA 31604 2127 229 244 3288 (Phone) 229 244 5841 (FAX)

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September 18 2012

Document Processing Desk (NOTIFY) Ms Venus Eagle (PM 1) Registration Division Office of Pesticide Programs (7504P) U S Environmental Protection Agency Room S-4900 One Potomac Yard (South Bidg) 2777 South Crystal Dr Arlington VA 22202

RE Imidaclopind 4L ST EPA Reg No 42750-134

Dear Ms Eagle

The enclosed submission for the above referenced registration is to notify the Agency of the alternate brand name MACHO 480 ST" under PR Notice 98-10

The certification statement is on the 8570-1 application form

Please call if you have any questions

Sincerely

Carolyn Miter Registrations Specialist Albaugh Inc 229-244-3288

carolynm@albaughinc.com



PREMIER SUPPLIER OF OFF PATENT CROP PROTECTION PRODUCTS www.albaughinc.com

OCT 0 2 2012



ACTIVE INGREDIENTS IN Imidacloprid 1 [(6 Chloro 3 pyridinyl)methyl] N nitro 2 imidazolidinimine OTHER INGREDIENTS TOTAL

40 7% 59 3% 100 0% 15

Contains 4 lbs active per gallon (480 grams per liter)

KEEP OUT OF REACH OF CHILDREN

CAUTION

	FIRST AID
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor 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 center 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 mouth to mouth if possible Call a poison control center or doctor for further treatment advice
Have the product for treatment	container or label with you when calling a poison control center or doctor or going

IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC (800) 424 9300

EPA Reg No 42750 134 AD112807 EPA Est XXXXX XX XX

NET CONTENTS

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Manufactured For ALBAUGH INC ANKENY IA 50021

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed absorbed through skin or inhaled Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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 C on an EPA chemical resistance category selection chart

Applicators and other handlers must wear

- 1 Long sleeved shirt and long pants
- 2 Socks and shoes and
- 3 Chemical resistant gloves (such as nitrile butyl neoprene barrier laminate polyvinyl chloride or Viton)

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

- 1 Wash hands before eating drinking chewing gum using tobacco or using the toilet
- 2 Remove clothing immediately if pesticide gets inside Then wash thoroughly and put on clean clothing
- 3 Remove PPE immediately after handling this product Wash the outside of gloves before removing As soon as possible, wash thoroughly and change clothing

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds and aquatic invertebrates. For terrestrial uses 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 washwaters. Cover or incorporate spilled treated seeds.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

For use in commercial seed treaters only with the exception of application to cancia rotton (délinitéd seed) field corn sorghum wheat and barley which may be made either by commercial seed treatment or as an end use seed treatment on agricultural establishments at or immediately beful e planting Thiu product is to be used in liquid or slurry treaters

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.

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40CFR 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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours

Exception If the seed is treated with the product and the treated seed is soil injected or soil incorporated the Worker Protection Standard under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is

- 1 Coveralls
- 2 Chemical resistant gloves (such as nitrile butyl neoprene barrier laminate polyvinyl chloride or Viton)Shoes plus socks
- 3 Protective eyewear

STORED SEED PROTECTION

To protect stored seed of crops listed on this label apply a minimum 1 0 fluid ounces of MACHO 480 ST per 100 pounds of seed Pest controlled by this application include Indian Meal Moth (plodia interpunctella) Rice Weevil (Sitophilus oryzea) Red Flour Beetle (Tribiolium castaneum) and Lesser Grain Borer (Rhizopertha dominica) If seed being treated is known to have existing pest infestation fumigation may be necessary prior to bagging

EARLY SEASON PROTECTION AGAINST SUCKING INSECTS

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENT
Canola Rapeseed and Mustard Seed	Aphids Flea beetles Wireworms	12 8 - 32 0	Use higher rate when pest populations are above historical levels
(Not registered for use in California)	Lygus Bugs (including Lygus spp) Seedpod Weevil larvae (including Ceutorhynchus assimilis)	19 2 - 32 0	Suppression only Use higher rate when pest populations are above historical levels

Canola Rapeseed and Mustard Seed (For end use application at agricultural establishments)

Shake product well before making slurry and apply using a HCBT or Batch Treater May be diluted with an approved fungicide for disease control Treat 1/2 of seed with 1/2 of slurry then add remainder of seed and slurry and continue mixing until all seed are covered

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CROP	PEST	RATE (fluid ounces per 80 000 units of seed)	COMMENT
Field corn	Corn root worm (including Northern Western Southern and Mexican) (1) Flea beetle Chinch bug Southern green stinkbug White grub Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Southern corn leaf beetle Billbug (2) Grape colaspis (2) Black cutworm (3)	7 5 (equivalent to 1 34 milligrams ai per kernel)	 In areas of heavy to severe corn rootworm populations protection will not be adequate Use only in areas of light to moderate corn rootworm populations Consult your State Agricultural Extension Service on levels of corn rootworm populations Reduces early season feeding damage Will reduce feeding damage caused by leaf feeding black cutworms that are 1/2 inch or less in length
	Flea beetle Chinch bug Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Grape colaspis (2) White grub	3 35 (Equivalent to 0 60 milligrams ai per kernel)	(4) Reduces feeding damage during emergence and seedling stages
	Seed corn maggot (seed protection only) Wireworm (seed protection only) Flea beetle (through 1 leaf stage) Imported fire ant White grub (4)	0 90 (Equivalent to 0 16 milligrams ai per kernel)	

Field Corn (For end use application at agricultural establishments) (Not registered for use in California)

Shake product well before making slurry and apply using a HCBT or Eight Bag Batch Treater May he diluted with an approved fungicide for disease control Mix slurry so that rate is 8 - 10 fluid ounces per 50 pound bag of seed Treat $\frac{1}{2}$ of seed with $\frac{1}{2}$ of slurry then add remainder of seed and $\frac{1}{2}$ urry and continue mixing until all seed are covered. After slurry treatment, the addition of dry talc at the rate of $\frac{3}{4}$ 1 ounce per 50 pounds of seed is recommended to minimize risk moisture buildup in planter.

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CDOD	DECT	RATE	COMMENT
CROP	PEST		COMMENT
		(fluid ounces per	
		hundredweight seed)	
Wheat Barley	Aphids	10-30	Reduces possible yellow dwarf virus disease
Triticale	(Including Bird		from aphid vectoring
	cherry oat		
	English grain		Use the higher rate to increase time of
	Greenbug and		protection and/or when insect pressure is
	Russian wheat		heavy
	aphid)		
	Hessian fly	•	
	Wireworm	0 16 – 0 32	Suppression only
			Use the higher rate to increase time of
			protection and/or when insect pressure is
			heavy
	Grasshopper	15-30	Treated seed may be planted as a 50 to 60
			foot border around the perimeter of the field
			to help minimize early season damage from
			grasshoppers
			Consult your local agricultural extension
			agent for grasshopper control information
			specific to your area
			Use the higher rate to increase time of
			protection and/or when insect pressure is
			heavy

Wheat Barley Triticale (For End Use Application at Agricultural Establishments)

Make application using a Total Slurry Treater (TST) Farmer Applied Seed Treater (FAST) or other on farm seed treating equipment capable of accurately applying low rates of MACHO 480 ST Apply 1.0 - 3.0 fl oz per hundredweight of seed MACHO 480 ST may be mixed with a fungicide product for protection against disease MACHO 480 ST may be applied to seed previously treated with a fungicide In this case dilution is necessary

Do not graze or feed livestock on treated areas for 45 days after planting

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENT
Sorghum	Aphids (including Corn leaf English grain Greenbug and Yellow sugar cane aphid) Chinch bugs Imported Fire ants Wireworms	80	Thorough coverage is necessary for optimal control

Sorghum (For End Use Application at Agricultural Establishments)

Shake product well before making slurry and apply using a HCBT or Eight Bag Batch Treater May be diluted with an approved fungicide for disease control Mix slurry so that rate is 8 - 10 fluid ounces of slurry per 50 pound bag of seed Treat $\frac{1}{2}$ of seed with $\frac{1}{2}$ of slurry then add remainder of seed and slurry and continue mixing until all seed are covered After slurry treatment the addition of dry talc at the rate of $\frac{3}{4}$ 1 ounce per 50 pounds of seed is recommended to minimize risk moisture buildup in planter

Do not graze or feed livestock on treated areas for 45 days after planting

CROP	PEST	RATE (fluid ounces per	COMMENT
		hundredweight seed)	
Cotton	Thrips	16 0	Regardless of the type of application (seed
(Delinted Seed	Aphids	(Equivalent to 0 375	treatment soil or foliar) do not apply more
Only)		milligram active	than a total of 0 5 lb of imidacloprid per
		ingredient per seed)	acre per cropping cycle

Cotton (Delinted Seed Only) (For End Use Application at Agricultural Establishments)

Shake product well before making slurry and apply using a HCBT or Eight Bag Batch Treater May be diluted with an approved fungicide for disease control Mix slurry so that rate is 8 - 10 fluid ounces of slurry per 50 pound bag of seed Treat $\frac{1}{2}$ of seed with $\frac{1}{2}$ of slurry then add remainder of seed and slurry and continue mixing until all seed are covered

CROP	PEST	RATE (fluid ounces per seed unit) (1)	COMMENT
Sugar Beets (commercial seed treatment)	Whitefly Aphids (2) Leafhoppers (2) Root aphid Thrips Wireworms	30-625	 (1) On a unit of pelleted sugar beet seed with a weight ratio of 2 1 pelleting mixture to raw seed (seed count 100 000 seed approximately 1 kilogram by weight) (1) Including to reduce risk of spread of Curly top and Yellow mosaic virus) If applying to non pelleted raw seed do not exceed a rate of 3 0 fluid ounces per 100 000 seed (approximately 1 Kg by weight)

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CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Sweet Corn (commercial seed treatment)	Flea beetle Early season corn leaf aphıd Seed corn maggot Wıreworm	8 0	Mix slurry so that it is applied at a rate of 16 - 20 fl oz of diluted solution per hundredweight of seed
	Imported fire ant Early season corn leaf aphid Seed corn maggot Wireworm	40-80	
	Imported fire ant Seed corn maggot (seed protection) Wireworm (seed protection)	20-40	
	Wireworm (seed protection)	10-20	
Popcorn (commercial seed treatment)	Flea beetles	8 0	

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Adzuki Bean Asparagus Bean Broad Bean (Succulent Or Dry) Catjang Bean Chinese Longbean Field Bean Guar Bean Jackbean Kidney Bean Lablab Bean Lima Bean (Succulent Or Dry) Moth Bean (Succulent Or Dry) Mung Bean Navy Bean Pinto Bean Rice Bean Runner Bean Snap Bean Sword Bean Tepary Bean Urd Bean Wax Bean Yardlong Bean Blackeyed Pea (Succulent Or Dry) Chickpea Cowpea (Succulent Or Dry) Crowder Pea Dwarf Pea Edible Pod Pea English Pea Field Pea Garden Pea Green Pea Pigeon Pea (Succulent Or Dry) Snow Pea Southern Pea (Succulent Or Dry) Sugar Snap Pea Grain Lupin Sweet Lupin White Lupin White Sweet Lupin Lentil *	Wireworm Bean leaf beetle Imported fire ant Aphid	20-40	* Seed and pod vegetable seed treated In California must be destined for planting in states other than California and Is not to be planted in California
Carrot	Seed corn maggot Wireworm	80	

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ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on an imidacloprid label or any crop for which a tolerance exists for the active ingredient as soon as practical following the last application. The following plant back intervals should be observed for listed crops

	ROTATIONAL	PLANT BACK	INTERVALS*	
	IMMEDIATE PLANT	BACK		30 DAY PLANT BACK
Artichoke	Cranberry	Mustard	Soybean	Cereals including
Barley	Cucurbits	Seed	Strawberry	buckwheat
Brassica (cole) leafy	Eggplant	Oats	Sugarbeet	millet
vegetable	Ground cherry	Okra	Tomatilo	rice
Canola	Leaf petiole vegetable	Pepinos	Tomato	Safflower
Cılantro	Leafy vegetable	Pepper	Triticale	
Corn Field	Legume vegetable	Popcorn	Vegetable Root	
Corn Sweet	(succulent	Potato	and Tuber	
Cotton	or dried including	Rapeseed	Watercress	
	soybean)	Rye	Wheat	
		Sorghum		

* Cover crops for soil building or erosion control may be planted any time but do not graze or harvest for food or feed

* For all other crops not listed on an Imidacloprid label or for crops for which no tolerance for the active ingredient has been established a 12 month plantback interval should be observed

NOTIFICATION of the crop rotational restriction must be conveyed to the grower by appropriate seed tag labeling or bag printing on all seed units

NOTE The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals Refer to 21 CFR Part 2 25 Any dye or colorant added to treated seed must be cleared for use under 40CFR Part 180 1001 Federal regulations have established official tolerances for certain pesticide residues In order that residues on food and forage crops will not exceed established tolerances use only at recommended rates

Treated seed must not be used for or mixed with food or animal feed or processed for oil Seed commercially treated with MACHO 480 ST must be labeled in accordance with all applicable requirements of the Federal Seed Act

Labels for commercially treated seed should include the following addition to the Environmental Hazards statements

Exposed treated seed may be hazardous to birds Dispose of all excess treated seed and seed packaging by burial away from bodies of water Cover or incorporate spilled treated sceda

USE RESTRICTION

Rape greens grown and harvested from MACHO 480 ST treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from treated seed is only for industrial uses and can not be used for edible oil or any other human/feed consumption.

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

PESTICIDE STORAGE Store in a cool place Do not store in direct sunlight Protect from freezing temperatures

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 Non refillable containers (1 2 5 15 30 & 55 gallon) Do not reuse or refill this container Offer for recycling if available Triple rinse or pressure rinse container (or equivalent) promptly after emptying

(non refillable <5 gallons) 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 /4 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

(non refillable >5 gallons) 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 Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times

Pressure rinse as follows (all sizes) Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip Hold container upside down over application equipment or mix tank or collect rinsate for later use for disposal Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds Drain for 10 seconds after the flow begins to drip

Refillable container (265 gallon & bulk) Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller

To clean the container before final disposal empty the remaining contents from the container into application equipment or mix tank Fill the container about 10 percent full with water Agitate vigorously or recirculate water with the pump for 2 minutes Pour or pump rinseate into application equipment or rinsate collection system Repeat this rinsing process two more times

CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed or seed of known low vigor and poor 2345 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 Albaugh no claims are made to guarantec ge mination of carry over seed

As its sole express warranty Albaugh 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 accordancie 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

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ALBAUGH SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES SUBJECT TO APPLICABLE LAW ALBAUGH 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 Albaugh If these terms are not acceptable return all products to the place of purchase unopened for a full refund

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