



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

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

JUN 1 3 2014

Mr. Morris Gaskins Albaugh, LLC P.O. Box 2127 Valdosta, GA. 31604

Subject: Notification Revised Label to add the Pests Pea Weevil, Footnote Seed Corn Maggots and Wireworms for Suppression Only Control.

Dear Mr. Gaskins:

The Agency is in-receipt-of-your-Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 30, 2014 for:

EPA Registration 42750-133

Imidacloprid 5L ST

The Registration Division (RD) has conducted a review of this request of applicability under PRN 98-10 and finds that the label changes(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at daniel.dani@epa.gov.

Sincerely.

Dani Daniel

Registration Division (7504P) Insecticide/Rodenticide Branch

NOTIFICATION JMB No. 2070-0060. Please read instructions on reverse before comp Form Approved Approval expires OPP Identifier Number Registration **United States Environmental Protection Agency Amendment** . Washington, DC 20460 Other Application for Pesticide - Section I 1. Company/Product Number 2. EPA Product Manager 3. Proposed Classification 42750-133 V. Eagle None Restricted 4. Company/Product (Name) PM# Imidacloprid 5L ST 5. Name and Address of Applicant (Include ZIP Code) 6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling Albaugh, LLC P.O. Box 2127 EPA Reg. No. Valdosta, GA 31604 Check if this is a new address **Product Name** Section - II Amendment - Explain below. Final printed labels in repsonse to Agency letter dated Resubmission in response to Agency letter dated_ "Me Too" Application. Notification - Explain below. Other - Explain below. Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification to add Pea Weevil as a pest and footnote seed corn maggots and wireworms for suppression only control This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no further changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA. Section - III 1. Material This Product Will Be Packaged In: Unit Packaging Child-Resistant Packaging Water Soluble Packaging 2. Type of Container Metal Yes Yes Plastic Nο No Glass Paper If "Yes" No. per if "Yes" No. per * Certification must Unit Packaging wgt. Package wgt Other (Specify) container container be submitted 4. Size(s) Retail Container 5. Location of Label Directions 3. Location of Net Contents Information Attached to container 2.5 gal, 30 gal, bulk Container 6. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled Other Section - IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Title Name Telephone No. (Include Area Code)

4. Typed Name

both under applicable law.

Morris Gaskins

2. Signature

Morris Gaskins

3. Title

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingily false or misleading statement may be punishable by fine or imprisonment or

Registrations Manager

Registrations Manager

5. Date

5/30/14

229-244-3283°

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Received

6. Date Application

(Stamped)

ccccc

ALBAUGH, LLC

GEORGIA OFFICE P.O. Box 2127 Valdosta, GA 31604-2127 229.244.3288 (Phone) 229.244.5841 (FAX)

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Fed-Ex

May 30, 2014

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

Re:

Imidacloprid 5L ST

EPA Reg. No. 42750-133

Dear Ms. Eagle,

We are submitting this notification for the above referenced product under PR 98-10 to add the pea weevil as a pest and footnote seed corn maggots and wireworms for suppression only control. We have noted the changes in bold text on pages 5-12 of the attached label.

copies of the label are enclosed, a pdf on a CD, and the EPA Form 8570-1. The notification statement is on our form.

Should you have any questions, please do not hesitate to call me or e-mail. Thank you.

Sincerely,

Carolyn Miter

Registrations Specialist

Albaugh, LLC

P. O. Box 2127

Valdosta, GA 31604

229-244-3288

carolynm@albaughllc.com

NOTIFICATION JUN 1 3 2014

IMIDACLOPRID 5L ST

ACTIVE INGREDIENTS:	
Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	48.7%
OTHER INGREDIENTS:	
TOTAL	100.0%

Contains 5 lbs. active per gallon (600 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 pro for treatmen	duct 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. 42750-133

EPA Est. xxxxx-xx-xx

NET CONTENTS: 2.5 Gal

Manufactured For: ALBAUGH, LLC 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.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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 canola, cotton (delinted 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 before, planting in broduct 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).
- 3. Shoes plus socks
- 4. Protective eyewear.

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 P	LANT-BACK		30-DAY PLANT-BACK
Artichoke	Crambe -	Millet	Strawberry	Cereals, including:
Barley	Cranberry	Mustard Seed	Sugarbeet	buckwheat
Brassica (cole)	Cucurbits	Oats Okra	Sunflower	rice
leafy .	Eggplant	Pepinos	Tomatiilo ·	
vegetable	Flax	Pepper	Tomato	(
Borage	Ground cherry	Popcorn	Triticale	6
Bulb Vegetable	Leaf petiole	Potato	Vegetable Root	·
Canola	vegetable	Rapeseed	and Tuber	
Cilantro	Leafy vegetable	Rye	Watercress	c c
Corn, Field	Legume vegetable	Safflower	Wheat	(((
Corn, Sweet	(succulent or	Sorghum		_ (.
Cotton	dried, except	Soybean	,	((((((((((((((((((((
	soybean)			(

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- * 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.

SEED BAG LABEL REQUIREMENTS '

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.

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with an imidacloprid insecticide.
- Do not use for feed, food or oil purposes. User is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act. In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with IMIDACLOPRID 5L ST:
- Store away from food and feedstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seed must be adequately covered with soil at planting.
- Treated areas may be replanted with any crop specified on imidacloprid label, or any crop for which a tolerance exists for imidacloprid, as soon as practical following the last application. Areas planted with treated seed may be replanted immediately with artichoke, barley, Brassica (cole) leafy vegetables, borage, bulb vegetables, canola, cilantro, corn (field), corn (pop), corn (sweet), cotton, cranberry, crambe, cucurbits, eggplant, flax, ground cherry, leaf petiole vegetables, leafy vegetables, legume vegetables (succulent or dried, including soybean), millet, mustard seed, oats, okra, pepinos, pepper, contato, rapeseed, rye, safflower, sorghum, soybean, strawberry, sugarbeet, sunflower, tomatillo, tomato, triticale, root and tuber vegetables, watercress, wheat. These areas may also be replanted after 30 days with cereals, including buckwheat, rice. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with IMIDACLOPRID 5L 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 seeds."

USE RESTRICTION

Rape greens grown and harvested from IMIDACLOPRID 5L 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.

Wheat, Barley, Oats, Rye, Triticale, Sorghum, and Millet: Do not graze or feed livestock on treated areas for 45 days after planting.

Cotton (delinted seed only): Regardless of the type of application (seed treatment, soil or foliar) do not apply more than a total of 0.5 lb. of imidacloprid per acre per year.

STORED SEED PROTECTION

To protect stored seed of crops listed on this label apply a minimum 0.8 fluid ounces of IMIDACLOPRID 5L 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	COMMENT
		(fluid ounces per	
		hundredweight seed)	ļ·
Canola,	Aphids,	10.24 - 25.6	Use higher listed rate when pest
Rapeseed and	Flea beetles,		populations are above historical
Mustard Seed	Wireworms*		levels.
			*Suppression only
	Lygus Bugs	15.36 – 25.6	Suppression only. Use higher listed
	(including Lygus		rate when pest populations are above
	spp.),	·	historical levels.
	Seedpod Weevil		(()
•	larvae (including		
	Ceutorhynchus		
	assimilis)		
Flax, crambe,	Wireworms*,	25.6	To provide early season protection of
and borage:	seed corn		seedlings, apply as a commercial
una sorage.	maggots*,		seed treatment.
	flea beetles		
	Tica beedes		*Suppression only
		I	- Suppression only

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. Apply 5.1 to 12.8 fl. oz. of IMIDACLOPRID 5L ST per 50 pound bag. May be diluted with an approved fungicide for disease control. 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	COMMENT
Safflower:	Wireworms*	0.25 – 0.50 mg a.i./seed.	To provide early season protection of seedlings, apply as a commercial
Sunflower:	Wireworms*, seed corn maggots*, flea beetles	(One fl. oz. of Imidacloprid 5L ST contains 17.7g imidacloprid.)	seed treatment. Sunflower seed treated in California must be destined for planting in states other than California and is not to be planted in California.
			*Suppression only

Safflower, Flax, Sunflower, Crambe, and Borage (For end-use application at agricultural establishments):

To provide early season protection of seedlings against wireworms, apply using HCTB or a batch treater at 12.8 fl. oz. per hundredweight of seed.

CROP	PEST	RATE	COMMENT
		(fluid ounces per	
		80,000 units of	
		seed)	
Field corn	Corn root worm	6.0	(1) In areas of heavy to severe corn
	(including Northern,	(equivalent to 1.34	rootworm populations, protection
	Western, Southern	milligrams ai per	will not be adequate. Use only in
	and Mexican), (1) Flea beetle,	kernel)	areas of light to moderate corn rootworm populations. Consult your
	Chinch bug,		State Agricultural Extension Service
	Southern green stinkbug,	•	on levels of corn rootworm
	White grub,	·	populations
	Seed corn maggots*,		
	Thrips,	•	
	Wireworm*,		(2) Reduces early season feeding
	Corn leaf aphid,		damage.
	Imported fire ant, Southern corn leaf		
	beetle,		(3) Will reduce feeding damage
	Billbug, (2)		caused by leaf feeding black
	Grape colaspis, (2)		cutworms that are 1/2 inch or less
	Black cutworm (3)		in length.
l	Flea beetle,	2.70	
	Chinch bug,	(Equivalent to 0.60	
*	Seed corn maggots*,	milligrams ai per	(4) Reduces feeding damage
	Thrips, Wireworms*,	kernel)	during emergence and seedling
	Corn leaf aphid		stages.
·	Imported fire ant,		*Suppression only
	Grape colaspis, (2)		
	White grub,		
		0.72	· · · · ·
	Seed corn maggots*	0.72	
	(seed protection only), Wireworms* (seed	(Equivalent to 0.16 milligrams ai per	
	protection only),	kernel)	
	Flea beetle (through 1	Kerriery	
	leaf stage),		,
	Imported fire ant,	1	
	White grub (4)		

Field Corn (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 per 50 pound bag of seed. Treat ½ of seed with ½ 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 34 - 1 ounce per 50 pounds of seed is recommended to minimize risk moisture buildup in planter.

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CROP	PEST	RATE	COMMENT
:		(fluid ounces per	
		hundredweight seed)	
Wheat, Barley,	Aphids	0.8 to 2.4	Reduces possible yellow dwarf virus disease
Oats, Rye,	(including Bird		from aphid vectoring.
Triticale	cherry-oat,		
	English grain,		Use the higher rate to increase time of
	Greenbug,		protection and/or when insect pressure is
	and Russian		heavy.
	wheat aphid),		
,	Hessian fly	0.12 0.26	10
	Wireworms*	0.13 - 0.26	*Suppression only.
			Use the higher rate to increase time of
	'	,	protection and/or when insect pressure is
	·	·	heavy.
	Grasshopper	1.2 to 2.4	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.
			Handlin Broken and the first and the
		•	Use the higher rate to increase time of
		•	protection and/or when insect pressure is
L	<u> </u>	<u> </u>	heavy.

Wheat, Barley, Oats, Rye, Triticale (For End-Use Application at Agricultural Establishments):

Make application using a Total Slurry Treater (TST), Farmer Applied Seed Treater (F.A.S.T.), or other onfarm seed treating equipment capable of accurately applying low rates of IMIDACLOPRID 5L ST. Apply $0.8-2.4\,$ fl. oz. per hundredweight of seed. IMIDACLOPRID 5L ST may be mixed with a fungicide product for protection against disease. IMIDACLOPRID 5L 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	COMMENT
		(fluid ounces per	
		hundredweight seed)	
Sorghum,	Aphids (including	6.4	Thorough coverage is necessary for
Millet	Corn leaf, English		optimal control.
	grain, Greenbug,		
	and Yellow sugar		*Suppression only
	cane aphid),		
	Chinch bugs,		
,	Imported Fire	•	
	ants,		
	Wireworms*		

Sorghum, Millet (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 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	COMMENT
			(fluid ounces per	
1			hundredweight seed)	
	Cotton	Thrips,	12.8	Regardless of the type of application
	(Delinted Seed	Aphids	(Equivalent to 0.375	(seed treatment, soil or foliar) do not
	Only)		milligram active	apply more than a total of 0.5 lb. of
			ingredient per seed)	imidacloprid per 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 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	COMMENT
		(fluid ounces per	·
		seed unit) (1)	·
Sugar Beets	Whitefly,	2.4 - 5.0	(1) On a unit of pelleted sugar beet seed
(commercial	Aphids,		with a weight ratio of 2:1 pelleting
seed	Leafhoppers, (2)	•	mixture to raw seed (seed count 100,000
treatment)	Root aphid,		seed - approximately 1 kilogram by
	Thrips,		weight).
	Wireworms*		
			(2) Including to reduce risk of spread of
		*	Curly top and Yellow mosaic virus)
• .			
			If applying to non-pelleted raw seed, do
3			not exceed a rate of 2.4 fluid ounces per
		7	100,000 seed (approximately 1 Kg by
	,		weight).
			*Suppression only
	L		"Suppression only

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Sweet Corn (commercial seed treatment)	Flea beetle, Early season corn leaf aphid, Seed corn maggots*, Wireworms*	6.4	Mix slurry so that it is applied at a rate of 16 - 20 fl. oz. of diluted solution per hundredweight of seed. *Suppression only
	Imported fire ant, Early season corn leaf aphid, Seed corn maggots*, Wireworms*	3.2 - 6.4	
	Imported fire ant, Seed corn maggots*, (seed protection) Wireworms* (seed protection)	1.6 3.2	, c,
	Wireworms* (seed protection)	0.8 - 1.6	
Popcorn (commercial seed treatment)	Flea beetles	6.4	

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Soybean	Seed corn maggots*, Soybean aphids, Over-wintering bean leaf beetles, Wireworms*, Thrips White grubs (suppression only)	1.6 - 3.2	Helps suppress the spread of certain viruses vectored by listed pests. Use higher listed rates to provide increased length of protection and for heavy insect pressure.
			Can be used as an over- treatment. *Suppression only

APPLICATION METHOD	IMIDACLOPRID 5L ST
By weight: hundred weight of seed (100 lbs of seed)	1.6 – 3.2 fl oz/100 lbs of seed
Per seed*	0.0747 - 0.2336 mg ai/seed
Per 140,000 seed unit*	0.59 1.84 fl oz/140,000 seed

SOYBEAN RESTRICTIONS:

- Do not graze or feed livestock on soybean forage or hay.
- *Do not apply by seed treatment more than 0.067 (soybean) pounds of active ingredient imidacloprid per acre per season based on 3000 soybean seed per pound and a planting rate of 160,000 seed per acre.

CROP	PEST	RATE (fluid ounces per hundredweight seed)	COMMENTS
Adzuki Bean, Asparagus Bean, Broad Bean (Succulent Or Dry), Catjang Bean, Chinese Longbean, Fíeld 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,	Wireworms*, Bean leaf beetle, Imported fire ant, Aphid, Pea Weevil*	1.6 - 3.2	**Suppression only **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.
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:**			*** The state of t
Carrot	Seed corn maggots*, Wireworm*	6.4	

POTATO SEED PIECE TREATMENT

APPLICATION INSTRUCTIONS

Pests Controlled	Rate: Fluid ounces per 100 lbs. of Seed	Rate: Fluid ounces per acre*	
Aphids,			
Colorado potato beetle,	0.16 - 0.32	3.2 - 6.4	
Flea beetles,			
Leafhoppers,	·		
Potato psyllid,			
Pest/Diseases Suppressed	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre	
Wireworns (seed-piece protection),	0.32	6.4	
Symptoms of: Potato leaf roll virus		* :	
(PLRV), Potato yellows, Net necrosis			

Restrictions:

- Do not apply more than 8.0 fluid ounces per acre (0.31 lb active ingredient per acre) IMIDACLOPRID 5FL ST per crop season when making seed piece treatment applications.
- Do not use treated seed-pieces for food, feed, fodder or processing for oil.
- Do not apply any subsequent in-furrow application of any imidacloprid product following a seed-piece treatment.

Application:

Apply specified dosage as a diluted spray onto seed-pieces using a shielded spray system. Dilute with 3 parts water, or less, to 1 part IMIDACLOPRID 5FL ST. Agitate or stir spray solution as needed. Fungicidal or inert absorbent dusts may be applied after IMIDACLOPRID 5FL ST application. Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust. Plant seed pieces as soon as possible after treating avoiding prolonged exposure of IMIDACLOPRID 5FL ST treated seed-pieces to sunlight and in accordance with-the-specifications of your local-Extension service.

* Based on a seeding rate of 2000 lbs. per acre.

STORAGE AND DISPOSAL

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, 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 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.

(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 (250 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 rinsate 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 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 Albaugh, no claims are made to guarantee germination 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 accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLES LAW, IN

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THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, 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.