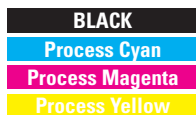


FORM: 2164-A
NAME: Armis FI
KIND: Pressure sensitive flat label
DATE: 1.19.18

PRODUCT SIZE: 14.48 Gallons
LABEL SIZE: 19"(w) x 9.5"(h)



ARMIS[™]·FI

A FUNGICIDE AND INSECTICIDE SEED TREATMENT PRODUCT PROVIDING SYSTEMIC SEED AND SEEDLING PROTECTION AGAINST LISTED EARLY SEASON SEEDLING DISEASES AND INSECTS OF SOYBEAN

Active Ingredients	By Wt
Clothianidin ¹	20.06%
Ethaboxam ²	2.97%
Ipconazole ³	0.99%
Metalaxyl ⁴	0.79%
Other Ingredients	75.19%
Total	100.00%

¹ (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine

² (RS)-N-(α-cyano-2-thenyl)-4-ethyl-2-(ethylamino)-1,3-thiazole-5-carboxamide

³ (1RS,2SR,5RS,1RS,2SR,5SR)-2-(4-chlorobenzyl)-5-isopropyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

⁴ methyl N-(methoxyacetyl)-N-2,6-xylyl-DL-alaninate

Armis[™] FI contains 1.91 lb clothianidin per gallon, 0.282 lb ethaboxam per gallon, 0.094 lb ipconazole per gallon and 0.075 lb metalaxyl per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE BELOW FOR PRECAUTIONARY STATEMENTS

NET CONTENTS 14.48 GALLONS

EPA Reg. No. 59639-205-48013
EPA Est. 89332-GA-2

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed.

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice.
Have a person sip a glass of water if able to swallow.
Do not induce vomiting unless told to by a poison control center or doctor.
Do not give anything to an unconscious person.

NOTE TO PHYSICIAN

Treatment is supportive and symptomatic.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **800-892-0099** for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Workers loading product, treating seed and conducting maintenance and calibration of the treater must wear: long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves: barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride or Viton.

Workers involved with handling treated seed (such as baggers, sewers and bag stackers) must wear: long-sleeved shirt, long pants, socks and shoes.

Workers who load and plant treated seed must wear: long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves: barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride or Viton when handling treated seed.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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

This product is toxic to birds, mammals and aquatic invertebrates, oysters and shrimp. 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 washwater or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not apply where runoff is likely to occur. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified on label.

Treated seed exposed on the soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seed by burying seed away from bodies of water. Do not contaminate water when disposing of equipment washwater or rinsate.

Clothianidin is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

Groundwater advisory: Metalaxyl is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable particularly where the water table is shallow may result in groundwater contamination.

Ipconazole may persist in soil, and long term use in the same field may result in accumulation of active ingredient.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box or other on-farm seed treatment applications. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

DISCLAIMER OF WARRANTIES

Information, descriptions, and illustrations in brochures, leaflets, or other marketing materials are based as closely as possible on experiences in tests and in practice and do not constitute quality claims, representations, and/or warranties. CHS Inc. and seller do not warrant, guarantee, or imply similar results. Tests have not been conducted under all possible conditions or agronomic practices, and CHS Inc. and seller do not warrant or represent that the product is usable under all possible use conditions. The purchaser and/or user must determine whether the product is suitable for the intended purpose and/or can be used in the local conditions with the user's specific agronomic practices.

CHS Inc. and seller, as their sole and exclusive warranty, state that when the product was shipped from a CHS Inc. facility, the product conformed to the descriptions on the product label, within tolerances allowed by law. **CHS INC. AND SELLER MAKE NO OTHER WARRANTIES OR REPRESENTATIONS REGARDING THE PRODUCT, AND CHS INC. AND SELLER DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND WARRANTIES FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL OF THE PRODUCT CONTAINER.**

No person or agent on behalf of CHS Inc. or seller has any authority to make any warranties or representations different from, or in addition to, the sole and exclusive warranty stated in these Terms and Conditions of Sale.

(continued)

(continued)

LIMITATION OF LIABILITY, ALLOCATION OF RISK, AND LIMITATION OF REMEDIES

No Guarantee of Yield or Crop Performance, and Recovery Limited to Purchase Price

Crop yield and quality are dependent on many factors beyond CHS Inc.'s and seller's control. These factors include, but are not limited to, weather, agronomic practices, manner of use, soil conditions, presence of other materials, disease, pests, handling, and storage. CHS Inc. and seller do not guarantee or make any warranties regarding yields or crop performance. CHS Inc. and seller do not represent that the product is free from latent defects unknown to CHS Inc. and seller at the time of sale. These are all inherent risks in growing crops, and all risks of nonperformance, reduced performance, and/or crop damage are assumed by the purchaser and the user.

PURCHASER OR USER MAY NOT RECOVER FROM CHS INC. OR SELLER ANY AMOUNT FOR INCIDENTAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES, INCLUDING LOSS OF PROFIT, LOSS OF YIELD, AND AMOUNTS EXPENDED IN USING THE PRODUCT, OR FOR GROWING, HARVESTING OR MARKETING THE PRODUCE FOR WHICH THE PRODUCT WAS PURCHASED. THIS LIMITATION OF LIABILITY IS APPLICABLE TO ANY CLAIM, WHETHER THE LEGAL THEORY FORMING THE BASIS OF SUCH CLAIM INVOLVES CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE.

PURCHASER'S AND/OR USER'S SOLE AND EXCLUSIVE REMEDY, AND CHS INC.'S AND SELLER'S SOLE LIABILITY FOR LOSS OR DAMAGE ARISING FROM THE PURCHASE AND/OR USE OF PRODUCT FROM CHS INC. IS A REFUND OF PURCHASE PRICE OF THE PRODUCT. Purchaser and user acknowledge and agree that limiting any potential recovery to the purchase price of the product is an appropriate allocation of risk between CHS Inc., seller, and the purchaser and/or user given the risks and uncertainties inherent in the agricultural business outside of CHS Inc.'s and seller's control such as weather, agronomic practices, planting, cultivating, harvesting, and marketing decisions. Purchaser and user acknowledge and agree that limiting any potential recovery to the purchase price of the product is reflected in the purchase price of the product, and without this limitation the purchase price of the product would be significantly higher.

PURCHASER AND USER ACKNOWLEDGE AND AGREE THAT IF CHS INC. OR SELLER REFUND THE PURCHASE PRICE OF THE PRODUCT, THE LIMITATION WILL NOT HAVE FAILED OF ITS ESSENTIAL PURPOSE.

These warranty disclaimers, allocation of risk, and limitations are reflected in the price of the product. If the purchaser or user would like a different warranty, allocations of risk, or limitations, which will substantially increase the price of the product, purchaser or user may contact CHS Inc. to discuss different terms and a different product price. If no agreement is reached, then any unopened product can be returned pursuant to the above terms.

PROMPT NOTICE OF CLAIM:

CHS Inc. must have prompt notice of any claim arising from the use of the product so that a timely inspection of the alleged affected product and/or crop can be made. Purchaser or user shall notify CHS Inc. immediately, but in no case later than thirty (30) days after any defect or other basis of such claim is discovered or should have been discovered. Failure of the purchaser or user to provide notice to CHS Inc. within thirty (30) days will constitute a waiver, and after such time all claims will be barred.

NO AMENDMENT WITHOUT SIGNED WRITING:

The Terms and Conditions of Sale may not be altered or amended in any way except in writing, and signed by an officer of CHS Inc.

RESISTANCE MANAGEMENT

Armis FI contains clothianidin which is a neonicotinoid and a Group 4A insecticide (Insecticide Resistance Action Committee). Insect biotypes with acquired resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Armis FI or other Group 4A insecticides.

CHS Inc. strives to maintain strong stewardship of this product by recommending that its use be coordinated in a planned resistance management strategy program established for the specific crop and area.

Contact your local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management or IPM recommendations for the specific site and resistant pest problems.

For further information or to report suspected resistance, you may contact Valent U.S.A. LLC at 800-682-5368.

RESTRICTIONS

- Armis FI must be used in accordance with use instructions on this label and only in commercial seed treatment facilities. Always mix product thoroughly before use. Not for use in hopper box, planter box, slurry box or other on-farm seed treatment applications.
- Regardless of application method, do not apply more than 0.2 lb (90.7 g) of clothianidin active ingredient per acre per year.
- Not for use on soybeans in California.

Seed Quality and Storage of Treated Seed

Seed treatments applied to low vigor or poor quality seed or to mechanically damaged seed may result in loss of seed germination or reduced seedling vigor. To verify seed safety, treat a small portion of seed with the desired slurry mixture (Armis FI alone or in combination with other commercial seed treatment products) prior to treatment of an entire seed lot. Utilize standard seed germination methodologies to determine and verify seed safety. Use proper storage conditions for treated seed. Due to seed quality and seed storage conditions beyond the control of CHS Inc., no claims are made to guarantee the germination of carry-over treated seed.

PRODUCT INFORMATION

Armis FI (containing clothianidin, ethaboxam, ipconazole and metalaxyl) is an insecticide and fungicide seed treatment product offering both contact and systemic activity in providing broad-spectrum seed and seedling protection against seedling diseases, soil insects and early-season foliar insects of soybean. The fungicide components in Armis FI are effective for protection against *Pythium*, *Phytophthora sojae*, *Fusarium* and *Rhizoctonia solani*. This product is also effective against seed-borne *Phomopsis*, seed-borne *Sclerotinia* and seed rot fungi such as *Aspergillus* and *Penicillium*. Clothianidin, the insecticide contained in Armis FI, provides protection against aphids, bean leaf beetle, grape colaspis, leafhoppers, pea leaf weevil, seed corn maggot, three cornered alfalfa hopper, thrips, white grubs and wireworm. Seed should be sound and well-cured before treatment.

Accurate application of Armis FI to seed is required for best protection against listed pests. Application to seed must be done only in commercial seed treatment facilities utilizing standard liquid or slurry treaters. Mix Armis FI prior to application. Do not agitate or stir Armis FI while treating seed.

Pre-test tank mixtures with other seed treatment products to verify formulation compatibility and to assure proper physical compatibility of products. Follow the most restrictive limitations and precautions on labels of all products used in a seed treatment mixture. Do not tank mix with any products which contain a prohibition on tank mixing.

SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with Armis FI must be labeled with the following statements:

- This seed has been treated with Armis FI which contains clothianidin, ethaboxam, ipconazole and metalaxyl.
- Do not use treated seed for feed, food or oil processing.

In addition, the U.S. Environmental Protection Agency requires the following statements on the container of seed treated with Armis FI:

- Regardless of application method, do not apply more than 0.2 lb (90.7 g) of clothianidin active ingredient per acre per year. (Based on the seed size of 2800 seeds/lb, at the label rate, the mg of clothianidin will be equal to 0.081 mg/seed).
- Store away from feeds and other foodstuffs.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- When handling treated seed wear long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves: barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride or Viton.
- Dispose of all excess treated seed. Left over treated seed may be double-sown 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.
- Clothianidin is toxic to birds and mammals. Seeds treated with clothianidin exposed on the soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seed by burying seed away from bodies of water. Do not contaminate water when disposing of equipment washwater or rinsate.
- Treated seeds must be planted at a minimum depth of 1 inch.
- This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
- This product contains metalaxyl which is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- Do not graze or feed soybean forage and hay to livestock.
- Areas planted with treated soybean seed may be replanted immediately with bulb vegetables, canola, cereal grains, cotton, fruiting vegetables (including cucurbits), leafy vegetables (including brassica vegetables), rapeseed, root and tuber vegetables and soybean. These areas may also be replanted after 30 days with dry beans, grasses and non-grass animal feeds. These areas may also be replanted after 8 months with sugarcane. Do not plant any other crop in the treated area for at least one year after these treated seeds are planted.
- Do not re-use bags from treated seed to handle food or feed products.
- Do not use augers used for handling treated seed to move seed for feed, food or oil processing.

- Foliar spray of clothianidin can be applied 45 days after planting Armis FI treated soybean seed for mid- to late-season foliar insects.
- Not for use on soybeans in California.
- Ipconazole may persist in soil, and long term use in the same field may result in accumulation of active ingredient.

SOYBEAN (Not for use on soybeans in California)			
Seed/Seedling Diseases	Insect Pests	Armis FI Use Rates	
		fl oz/100 lb seed	mg active ingredient per seed ¹
Seed Rots (including seed-borne <i>Phomopsis</i> , seed-borne <i>Sclerotinia</i> , seed-borne and soil-borne <i>Fusarium</i> , <i>Penicillium</i> and <i>Aspergillus</i>)	Aphids Bean Leaf Beetle Grape Colaspis Leafhoppers Pea Leaf Weevil Seed Corn Maggot	3.37	clothianidin 0.081 mg ethaboxam 0.012 mg ipconazole 0.004 mg metalaxyl 0.0032 mg
Damping Off and Seedling Blights Pythium Seed Decay and Seedling Dieback Early Season <i>Phytophthora sojae</i> Root Rot Soil-borne <i>Fusarium</i> and <i>Rhizoctonia solani</i>	Three Cornered Alfalfa Hopper Thrips White Grubs Wireworm		
• Foliar spray of clothianidin can be applied 45 days after planting Armis FI treated soybean seeds for mid- to late-season foliar insects. • Regardless of application method, do not apply more than 0.2 lb (90.7 g) of clothianidin active ingredient per acre per year. • Do not graze or feed soybean forage and hay to livestock.			

¹mg active ingredient per seed is based on 2800 seeds per pound, thus delivering 0.1002 mg ai/seed total active ingredients.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE

Store in a dry place away from excessive heat.

Do not store near food or feed.

Store in original container only.

To close package, replace and tighten cap to form an airtight seal.

Do not freeze.

PESTICIDE DISPOSAL

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 60 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other 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. Offer for recycling, if available; otherwise dispose of in a sanitary landfill or by incineration if allowed by state and local authorities.

RECYCLING

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 877-952-2272 (toll free) or www.acrecycle.org.

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Armis is a trademark of CHS Inc.

Manufactured For:

CHS Inc.

5500 Cenex Dr., Inver Grove Heights MN 55077

Form 2164-A

Made in U.S.A.

EPA Reg. No. 59639-205-48013

EPA Est. 89332-GA-2

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