PYDIFLUMETOFEN | GROUP 7 | FUNGICIDE

PULL HERE TO OPEN

Kolumn®

syngenta®

Fungicide

ADEPIDYN® Technology*

Active Ingredient:	
Pydiflumetofen**	41.7%
Other Ingredients:	58.3%
Total:	100.0%

*Technology denotes the active ingredient Pydiflumetofen.
**CAS No. 1228284-64-7

Kolumn is a flowable concentrate for seed treatment containing 4.17 lb pydiflumetofen per gallon.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1648 EPA Est. No. 100-NE-001

Product of Switzerland

SCP 1648C-L1 0223
4217050

PRODUCT ID:
87374

15 GALLONS
Net Contents

®

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1.0 FIRST AID

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 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 treatment advice.
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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call **1-800-888-8372**	

2.0 PRECAUTIONARY STATEMENTS

2.1 Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves: barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton™ ≥14 mils
- Shoes plus socks

2.2.1 USER SAFETY REQUIREMENTS

Follow 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.

2.2.2 ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS. IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

2.2.3 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.

2.3 Environmental Hazards

Pydiflumetofen is toxic to wildlife, fish, aquatic invertebrates, and oysters and shrimp. Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect seeds spilled during loading and planting. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.

2.3.1 GROUNDWATER ADVISORY

This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

2.3.2 SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of pydiflumetofen from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

2.4 Physical or Chemical Hazards

Do not mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

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. Notify State and/or Federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY; POOR DISEASE CONTROL; AND/OR ILLEGAL RESIDUES.

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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

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 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.

continued…

AGRICULTURAL USE REQUIREMENTS *(continued)*

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:

- Coveralls
- Chemical-resistant gloves: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils
- Shoes plus socks

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for treating the total seed lot. Then conduct germination tests with a portion of this treated seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of seed or propagating material for any crop seed treated with Kolumn.

3.0 PRODUCT INFORMATION

Kolumn is a seed treatment fungicide which provides protection from listed seed- and soil-borne diseases of rapeseed (including canola) crop subgroup 20A and soybean. Kolumn is effective against seed and seedling blight or damping-off caused by listed seed- and soil-borne *Fusarium* spp., including *Fusarium virguliforme*, the causal organism of Sudden Death Syndrome (SDS) in soybean and seed- and soil-borne black leg (*Leptosphaeria maculens*) in canola. Kolumn also provides activity against listed plant parasitic nematodes. Where rate ranges are shown, use the higher rate when disease pressure is expected to be severe.

Read all label directions for use. All applications must be made according to the use directions that follow.

3.1 Resistance Management

PYDIFLUMETOFEN	GROUP	7	FUNGICIDE

For resistance management, Kolumn contains a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to Kolumn and other Group 7 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Pydiflumetofen belongs to the carboxamide class of chemistry and is a succinate dehydrogenase inhibitor (SDHI) which disrupts cellular respiration and energy generation.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of Kolumn or other Group 7 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Syngenta Crop Protection at 1-866-796-4368. You can also contact your university extension specialist to report resistance.

4.0 APPLICATION DIRECTIONS

Apply Kolumn as a water-based slurry utilizing standard seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control.

This product must be used only by commercial seed treatment facilities or with commercial seed treatment equipment on farm, subject to the Restrictions listed below and as specified for each crop in the Crop Specific Use instructions on this label. Do not use in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

4.1 Mixing Directions

Thoroughly mix the specified amount of Kolumn into the required amount of water and other seed treatment products for better application performance. Follow the manufacturer's application instructions for the seed treatment equipment being used. It's important to homogenize products prior to use and to maintain constant agitation of the slurry during the treatment.

This product does not contain dye and treated seed is not covered by an appropriate tolerance, tolerance exemption, or other clearance under the Federal Food, Drug and Cosmetic Act. To comply with 40 CFR 153.155, therefore, all seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals. The buyer of Kolumn fungicide is responsible for ensuring all seed treated with this product is adequately dyed with a suitable color to prevent accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25.

Allow seed to dry before bagging.

4.1.1 TANK-MIX PRECAUTIONS

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

4.1.2 TANK MIXTURES

Rapeseed (including canola) Crop Subgroup 20A: For additional control of certain seed- and/or soil-borne diseases, Kolumn may be combined with seed treatment products containing difenoconazole, fludioxonil, mefenoxam, and sedaxane. On canola only, Kolumn may be combined with a seed treatment product containing thiamethoxam for insect control and/or cyantraniliprole.

Soybean: Additional protection from common seed-borne and soil-borne pathogens may be achieved by adding seed treatment products containing mefenoxam, azoxystrobin, fludioxonil and/or thiabendazole.

5.0 RESTRICTIONS

- Store treated seeds away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- 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 and planting.
- Dispose of all excess treated seed. Leftover 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 washwater.
- Treated seed must be planted into the soil at a depth of at least 1 inch. Ensure that all planted seeds are thoroughly incorporated by the planter during planting. Additional incorporation may be required to thoroughly cover exposed seeds.
- Dispose of seed packaging in accordance with local requirements.
- 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 for agronomic practice.
- Do not use in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

- In the event of a crop failure or harvest of a crop grown from seed treated with Kolumn, the field may be replanted according to the following schedule:

Crop, Crop Group, or Crop Subgroup	Plant-Back Interval
Brassica Head and Stem Vegetable, Crop Group 5-16 Bulb Vegetables, Crop Group 3-07 Cereals, Small Grain (barley, oats, rye, triticale, wheat) Corn (field, pop, seed, sweet) Cottonseed, Crop Subgroup 20C Cucurbit Vegetables, Crop Group 9 Fruiting Vegetables, Crop Group 8-10 Leaf Petiole Vegetables, Crop Subgroup 22B Leafy Greens, Crop Subgroup 4-16A Leaves of Root and Tuber Vegetables, Crop Group 2 Legume Vegetables, Succulent or Dried, Crop Group 6, Except Cowpea Forage and Cowpea Hay Mustard Greens and Brassica Leafy Greens, Crop Subgroup 4-16B Peanut Potato Quinoa Rapeseed (including canola), Crop Subgroup 20A Root Vegetables, Crop Subgroup 1A Soybean, Except Forage, Hay, and Silage Sorghum Strawberry Sunflower, Crop Subgroup 20B Tuberous and Corm Vegetables, Crop Subgroup 1C	0 days
Grasses Grown for Seed Non-grass Animal Feeds, Crop Group 18 Rice Tobacco	30 days
All other crops Intended for Food and Feed	365 days

6.0 SEED CONTAINER LABEL REQUIREMENTS

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

- This seed has been treated with pydiflumetofen fungicide.
- Do not use for feed, food, or oil purposes.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seed treated with Kolumn fungicide:

- Store away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- 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 and planting.
- Dispose of all excess treated seed. Leftover 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 washwater.
- Groundwater Advisory: Pydiflumetofen has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

- Treated seed must be planted into the soil at a depth of at least 1 inch. Ensure that all planted seeds are thoroughly incorporated by the planter during planting. Additional incorporation may be required to thoroughly cover exposed seeds.
- Do not feed or harvest soybean hay, forage, and silage.
- Dispose of seed packaging in accordance with local requirements.
- 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 for agronomic practice.
- For Rapeseed (including canola) Crop Subgroup 20A **DO NOT** exceed 0.291 lb ai/A/year of pydiflumetofen-containing products through any combination of seed and foliar applications.
- For Soybean, **DO NOT** exceed 0.357 lb ai/A/year of pydiflumetofen-containing products through any combination of seed and foliar applications.
- This seed has been treated with __X__ lb of pydiflumetofen per 100 lb seed.
- In the event of crop failure or harvest of a crop grown from seed treated with Kolumn, crops may be replanted according to the following schedule:

Crop, Crop Group, or Crop Subgroup	Plant-Back Interval
Brassica Head and Stem Vegetable, Crop Group 5-16 Bulb Vegetables, Crop Group 3-07 Cereals, Small Grain (barley, oats, rye, triticale, wheat) Corn (field, pop, seed, sweet) Cottonseed, Crop Subgroup 20C Cucurbit Vegetables, Crop Group 9 Fruiting Vegetables, Crop Group 8-10 Leaf Petiole Vegetables, Crop Subgroup 22B Leafy Greens, Crop Subgroup 4-16A Leaves of Root and Tuber Vegetables, Crop Group 2 Legume Vegetables, Succulent or Dried, Crop Group 6, Except Cowpea Forage and Cowpea Hay Mustard Greens and Brassica Leafy Greens, Crop Subgroup 4-16B Peanut Potato Quinoa Rapeseed (including canola), Crop Subgroup 20A Root Vegetables, Crop Subgroup 1A Soybean, Except Forage, Hay, and Silage Sorghum Strawberry Sunflower, Crop Subgroup 20B Tuberous and Corm Vegetables, Crop Subgroup 1C	0 days
Grasses Grown for Seed Non-grass Animal Feeds, Crop Group 18 Rice Tobacco	30 days
All other crops Intended for Food and Feed	365 days

7.0 Seed Treatment Directions

7.1 Rapeseed (including Canola) – Crop Subgroup 20A

Crops (Including cultivars, varieties, and/or hybrids of these)		
Borage Canola Crambe Cuphea Echium Flax seed	Gold of pleasure Hare's ear mustard Lesquerella Lunaria Meadowfoam Milkweed	Mustard seed Oil radish Poppy seed Rapeseed Sesame Sweet rocket

Target Disease/Pest	Use Rate		
	fl oz/100 lb seed	grams ai/ 100 kg seed	
Control of seed- and air-borne blackleg caused by *Leptosphaeria maculans*	1.23 (80 ml/100 kg seed)	40	

Resistance Management:
- Refer to Section 3.1.

USE RESTRICTIONS

- **DO NOT** exceed 0.291 lb ai/A/year of pydiflumetofen-containing products through any combination of seed and foliar applications.
- **Sections 4.0, 4.1, 5.0, and 6.0** contain additional product use restrictions.

7.2 Soybean

Crops		
Soybean		
Target Disease/Pest	**Use Rate**	
	fl oz product	**mg ai/seed***
Sudden Death Syndrome (*Fusarium virguliforme*) Early-season Septoria Brown Spot (*Septoria glycines*) Soybean Charcoal Rot (*Macrophomina phaseolina*) Plant-Parasitic Nematodes: Soybean Cyst (*Heterodera glycines*) Root Knot (*Meloidogyne incognita*) Reniform (*Rotylenchulus reniformis*) Lesion (*Pratylenchus* spp.) Lance (*Hoplolaimus* spp.)	1.52 – 3.04 fl oz/ 100 lb soybean 0.714 – 1.428 fl oz/ 140,000 soybean seeds	0.075 – 0.150
*Based on an average seed weight of 3,000 soybeans/lb		
Resistance Management: • Refer to Section 3.1.		
USE RESTRICTIONS		
• **DO NOT** exceed 0.357 lb ai/A/year of pydiflumetofen-containing products through any combination of seed and foliar applications. • **Do not feed or harvest soybean hay, forage, and silage.** • **Sections 4.0, 4.1, 5.0, and 6.0** contain additional product use restrictions.		

8.0 STORAGE AND DISPOSAL

STORAGE AND DISPOSAL

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

Pesticide Storage

Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

Pesticide Disposal

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling (less than or equal to 5 gallons)

Non-refillable 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 and drain for 10 seconds after the flow begins to drip. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume – and recap. Shake for 30 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. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Container Handling (greater than 5 gallons)

Non-refillable 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. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. 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. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Container Handling (greater than 5 gallons)

Refillable container. Refill this container with pesticide only. Do not reuse the 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 container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. Replace and tighten closure. Agitate vigorously or recirculate the rinsate with a pump for at least 2 minutes, ensuring that the rinsate rinses the walls of the container. Empty the rinsate into application equipment or rinsate collection system, for later use or disposal. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

9.0 CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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Viton™ is a trademark of The Chemours Company FC, LLC

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For non-emergency (e.g. current product information), call
Syngenta Crop Protection at 1-866-796-4368.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1648C-L1 0223
4217050

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Kolumn®

Fungicide

ADEPIDYN® Technology*

Active Ingredient:	
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See additional precautionary statements and directions for use inside booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1648
EPA Est. 100-NE-001

Product of Switzerland

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Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1648C-L1 0223
4217050

PRODUCT ID:

87374

15 GALLONS

Net Contents

(01) 9 07 0 29410 1255 7

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 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 treatment advice. **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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
HOTLINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call **1-800-888-8372**.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.
Environmental Hazards: Pydiflumetofen is toxic to wildlife, fish, aquatic invertebrates, and oysters and shrimp. Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect seeds spilled during loading and planting. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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.
Groundwater Advisory: This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.
Surface Water Advisory: This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a medium potential for reaching both surface water and aquatic sediment via runoff several months or more after application.
A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of pydiflumetofen from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.
Physical or Chemical Hazards: Do not mix or allow to come in contact with oxidizing agents. Hazardous chemical reaction may occur.

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.
Pesticide Disposal: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.
Container Handling (greater than 5 gallons) Non-refillable 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. Add water – at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume. 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. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

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