



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 26, 2024

Ram Seethapathi
President and CEO
Gharda Chemicals International, Inc.
760 Newtown Yardley Road
Newtown, PA 18940

Subject: Label Amendment – Label changes based on the 2022 National Marine Fisheries Service Biological Opinion on Chlorpyrifos
Product Name: Pilot 15G Chlorpyrifos Agricultural Insecticide
EPA Registration Number: 93182-8
Application Date: September 23, 2024
Decision Number: 585250

Dear Ram Seethapathi:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Chlorpyrifos 2022 Biological Opinion. The Agency has concluded that your submission is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved by the Agency. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling until April 30, 2025. After April 30, 2025, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section

12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

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

If you have any questions, please contact Patricia Biggio at 202-566-1938 or at biggio.patricia@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is fluid and cursive, with the first name "Dana" and last name "Friedman" clearly legible.

Dana L. Friedman
Branch Chief
Risk Management and Implementation Branch I
Pesticide Re-evaluation Division

Enclosure

CC: Michael Walsh, Registration Division, PM11

PILOT® 15G

[Maintain "Swish" logo
Optional]

Chlorpyrifos Agricultural Insecticide

For control of listed insects infesting certain field, fruit, and vegetable crops.

CHLORPYRIFOS	GROUP	1B	INSECTICIDE
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Active Ingredient:

Chlorpyrifos: O,O-diethyl

O-(3,5,6-trichloro-2-pyridinyl)

phosphorothioate15.0%

Other Ingredients:85.0%

Total:100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Manufactured for:

Gharda Chemicals International Inc.

760 Newtown-Yardley Rd.

Suite 106

1-(215)-968-9474

Net Contents: 50 lbs./bag (22.7 Kgs.)

FIRST AID (Organophosphate insecticide)

If swallowed:	<ul style="list-style-type: none">Call the 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 do so by the poison control center or doctor.Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none">Hold eye open and rinse slowly and gently with water for 15-20 minutes.Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none">Take off contaminated clothing.Rinse skin immediately with plenty of water for 15-20 minutes.Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none">Remove person to fresh air.If a 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.

HOT LINE NUMBER (Organophosphate insecticide)

Have the product container or label with you when calling a poison control center or doctor or going for treatment. **For emergency medical treatment information call: 1-(866)-359-5660**

NOTE TO PHYSICIAN

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

ACCEPTED

Sep 26, 2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 93182-8

Precautionary Statements

Hazards To Humans and Domestic Animals

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

All mixers, loaders, other applicators, and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants.
- Chemical resistant gloves.
- Chemical-resistant footwear plus socks.
- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N,R,P or HE filter.

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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing and/or 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.

Engineering Controls

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

When applicators use closed cab equipment 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.

Environmental Hazards

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark.

Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate. 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.

Read all Directions for Use before applying.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. **Read and follow all Spray Drift Mitigation Measures (See Spray Drift Mitigation Measures section).** 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.

Endangered Species Protection Requirements:

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered

species and certain threatened species under the Endangered Species Act section 9.

When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply for the product.

Reporting Ecological Incidents: To report ecological incidents, including mortality, injury, or harm to plants and animals, call 1+ (215) 968-9474.

Application Precautions and Restrictions

Use Precautions

- Insect control may be reduced at low spray volumes under high temperature and wind conditions.
- Some reduction in insect control may occur under unusually cool conditions.

Use Restrictions

- Use as a wide area/general outdoor treatment for ants and other miscellaneous pests (excludes wide-area mosquito adulticide use) is prohibited.
- **Flood Irrigation:** To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours following a soil surface or foliar application of Pilot 4E.
- **Water Protection Statements for Non-agricultural/Non-broadcast Applications:** Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, wetlands or natural ponds, estuaries, and commercial fish farm ponds).
 - Do not apply directly to, or allow the product to enter sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
 - Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
 - Do not apply to vertical surfaces directly above previous or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters.
 - Do not apply or irrigate to the point of runoff.

Spray Drift Mitigation Measures (SDMM)

The buffer distances specified in the below table are the distances in feet that must exist to separate sensitive sites from the targeted application site. Buffers are measured from the edge of the sensitive site to the edge of the application site. Sensitive sites are areas frequented by non-occupational bystanders (especially children). These include residential lawns, pedestrian sidewalks, outdoor recreational areas such as school grounds, athletic fields, parks and all property associated with buildings occupied by humans for residential or commercial purposes. Sensitive sites include homes, farmworker housing, or other residential buildings, schools, daycare centers, nursing homes, and hospitals. Non-residential agricultural buildings, including barns, livestock facilities, sheds, and outhouses are not included in the prohibition.

Application rate Lb ai/A	Required Setback (Buffer Zones)	
	Aerial	Ground**
>0.5 - 1	25	10
>1 - 2	NA	10

**The required buffer zones for ground applications apply to applications made via spreaders.

Only pesticide handlers are permitted in the setback area during application of this product. Do not apply this product if anyone other than a mixer, loader, or applicator, is in the setback area. Exception: Vehicles and people riding bicycles that are passing through the setback area on public or private roadways are permitted.

Specific Spray Drift Mitigation Use Directions

Spray Drift Mitigation Measures apply to all Agricultural Uses for chlorpyrifos products including Nurseries. These measures do not apply to Non-Agricultural uses, such as, golf-course turf, greenhouses, wood products or in applications where chlorpyrifos is applied as an adult mosquitoicide. **Note:** Spray Drift Mitigation Measures do not apply to Granular product applications made in-furrow, T-banded or banded post emergence. However, Spray Drift Mitigation Measures do apply to granular applications made by ground boom spreaders, or when chlorpyrifos granules are applied aerially.

Non-agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. **DO NOT** enter or allow others to enter treated areas until sprays have dried.

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 use of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the directions for use associated with each crop.

Also see specific Use Directions under **Approved Crops** Section of this label

Exception: If the product 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.

Certified crop advisors or persons entering under their supervision, under certain circumstances, may be exempt from the early reenter requirement pursuant to 40 CFR Part 170.

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 over short-sleeved shirt and short pants.
- chemical-resistant gloves made out of waterproof material.
- chemical-resistant footwear plus socks.
- chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a secured dry storage area. Prevent cross contamination with other pesticides and fertilizers. If a container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

In Case of Spill: Isolate the spill. Hold this package, other cargo and vehicles involved. For Emergency spill assistance Call CHEMTREC (24-hour service): 1-800-535-5053.

Pesticide Disposal: Open dumping is prohibited. 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 at the nearest EPA Regional Office for guidance. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Offer for recycling if available, or, disposing of empty bags in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Approved Uses

Alfalfa (ONLY for use in: MO)

Worker Restricted Entry Interval: Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn.

Apply Pilot 15E at planting as an in-furrow treatment for suppression of the target pests during establishment. Direct the granules into the planter shoe with the seed, place the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow, or place the granular band applicator behind the planter shoe so that the granules fall on the soil surface and the open seed furrow and are covered with soil.

Pests Controlled	Pilot 15G lb/acre
cutworms grubs wireworms	6.6

Specific Use Precautions:

- Read and follow all Spray Drift Mitigation Measures (See Spray Drift Mitigation Measures section).

Specific Use Restrictions:

- **Preharvest Interval:** Do not cut or graze treated alfalfa within 21 days after application.
- Do not make more than one application of Pilot 15G or any other products containing chlorpyrifos, per acre per year.
- The maximum single application rate is 1 lb ai chlorpyrifos per acre.

Citrus Orchard Floors

(ONLY for use in: AL, FL, GA, NC, SC, TX)

Worker Restricted Entry Interval: Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 5 days unless PPE required for early entry is worn.

Pests Controlled	Application Rate Lb/acre
ants ⁽¹⁾	6.6

⁽¹⁾ Numbers in parentheses (-) refer to Pest-Specific Use Directions

Pest-Specific Use Directions:

For spot treatment application to the orchard floor to control foraging ants and suppress mounds

- Combined spot treatments must not exceed 0.1 acres.
- Apply ground spray directed to the orchard floor to control foraging ants and suppress mounds as a spot treatment.

Specific Use Precautions:

- Read and follow all **Spray Drift Mitigation Measures** (See **Spray Drift Mitigation Measures** section).

Specific Use Restrictions:

- **Preharvest Interval:** Do not apply within 28 days before harvest.
- Do not make more than 1 application of Pilot 15G or other products containing chlorpyrifos per year.
- Apply fertilizers impregnated with Pilot 4E for control of ants ONLY as spot treatment (Not more than 0.1 acre).
- Do not allow livestock to graze in treated areas.
- Do not apply more than 3 lb. ai chlorpyrifos per acre per year.

Soybeans (ONLY for use in: AL, CO, FL, GA, IA, IL, IN, KS, KY, MN, MO, MT, NC, ND, NE, NM, OH, OK, PA, SC, SD, TN, TX, VA, WI, WV, WY)

Worker Restricted Entry Interval: Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn.

Application Rates and Pests Controlled

Pests Controlled	Banded Applications ⁽¹⁾ (Ounces per 1,000 feet of row)		
	At Plant Treatments		Post plant Treatment
	T-Band	Band	
lesser cornstalk borer	8	8	8
cutworms			

⁽¹⁾Numbers in parentheses (-) refer to Pest-Specific Use Directions.

Pest-Specific Use Directions:

At Plant and Postplant Treatments: Use Pilot 15G insecticide to control larvae of the lesser cornstalk borer and cutworms by application at planting time or postemergence as a band (row) treatment at the rate of 8 oz per 1,000 feet of row. In the southeast apply 4 to 8 oz per 1,000 feet of row as an at-plant treatment. Equivalent rates of Pilot 15G per acre for various row spacing are given in **Table 1**. When applied at planting time incorporate the granules into the top 1 inch of soil by placing in a 4 to 10 inch band over the row behind the planter shoe and ahead of the press wheel. A drag chain can also be used for incorporation. For postemergence treatment when insects first appear incorporate the granules in a 4 to 10 inch band to a depth of 1/2 to 1 inch using a suitable cultivator. Apply Pilot 15G with equipment that will provide uniform distribution of the granules. Do not apply as an in-furrow treatment.

At Plant T-Band Application: Apply 8 oz of Pilot 15G per 1000 ft of row as a T-band over an open seed furrow over the row behind the planter shoe, in front of the press wheel. Incorporate into the top 1/2 to 1 inch of soil using suitable equipment. A soil applied T-band treatment may be followed by post-applied herbicides. Pilot 15G has demonstrated suppression of certain soil-borne pathogens that may result in physiological and agronomic advantages under environmental stress conditions when compared to crops not treated with Pilot 15G.

Specific Use Precautions:

- Read and follow all **Spray Drift Mitigation Measures** (See **Spray Drift Mitigation Measures** section).
- Do not apply as an in-furrow treatment.

Specific Use Restrictions:

- **Preharvest Interval:** Do not apply within 28 days before harvest.
- The maximum single application rate for Pilot 15G is 6.6 oz/1000 feet of row.
- The maximum application rate is 0.75 lbs ai/Acre is allowed on soybeans in CO, IA, IN, KS, KY, MN, MO, MT, ND, NE, NM, OH, OK, PA, SD, TN, TX, WI, WV, and WY.
- The maximum rate 1.0 lbs ai/acre is allowed on soybeans in AL, IL, FL, GA, SC, NC, VA
- For applications use the application **Table 1**. Page 6 to calculate the maximum allowable application rate based on row spacing and application timing.
- Do not make more than one application of Pilot 15G or other products containing chlorpyrifos per acre per year.

Sugar Beets (ONLY for use in: IA, ID, IL, MI, MN, ND, OR, WA, WI)

Worker Restricted Entry Interval: Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn.

Application Rates and Pests Controlled

Pests Controlled	Banded Applications ⁽¹⁾ (Ounces per 1,000 feet of row)		
	At Plant Treatments		Post plant Treatment
	T-Band	Band	
Sugar beet root maggot	(2)	4.5 to 9.0	6.5 to 9.0
cutworms	(2)	6.6 to 9.0	(2)
wireworms (suppression)	(2)	6.5 to 9.0	(2)

¹In ID, MI, MN, ND, OR, WA, and WI: Do not apply more than 1.25 lbs ai of chlorpyrifos per acre per year.

²In IA and IL Do not apply more than 1.50 lbs ai per Acre per year.

Pest-Specific Use Directions:

(1) When root maggot populations are expected to be low, apply Pilot 15G at a rate of 4.5 oz per 1000 feet of row (equivalent to 6.6 Pilot 15G per acre based upon 22-inch row spacing). If initial adult fly activity indicates higher than anticipated populations, apply Pilot 15G at or near the time of peak adult emergence to augment control.

At Plant Band Treatment: To control sugar beet root maggot larvae and cutworms at planting time, place Pilot 15G in a band 4 to 5 inches wide behind the planter shoe, over the drill row, and in front of the press wheel. Do not apply granules in direct contact with seeds. Apply Pilot 15G at the rate of 6.6 oz per 1,000 feet of row (equivalent to 8.5 lb of Pilot 15G per acre based on 22-inch row spacing). When root maggot populations are expected to be low, apply Pilot 15G at a rate of 4.5 ounces per 1,000 feet of row (equivalent to 6.6 lb per acre based on 22-inch row spacing). If initial adult fly activity indicates higher than anticipated populations, apply Pilot 4E at or near the time of peak adult emergence to augment control. (Review label for Pilot 4E for recommended use rates, application timing, methods of application, and insecticide resistance management). Incorporate Pilot 15G into the top 1/2 to 1 inch of soil using suitable equipment.

Postemergence Band Treatment: For postemergence control of sugar beet maggot larvae, place Pilot 15G in a band 3 to 5 inches wide over the beet row (up to 2 to 4 true leaf stage of plant growth). Apply Pilot 15G at the rate of 6.6 oz per 1,000 feet of row (equivalent to 8.5 lb per acre based on a 22-inch row spacing). Incorporate Pilot 15G into the top 1/2 to 1 inch of soil using a suitable incorporation device.

Specific Use Precautions:

- Read and follow all **Spray Drift Mitigation Measures** (See **Spray Drift Mitigation Measures** section).
- Granular insecticides, including Pilot 15G, may contribute to the stress of the sugar beet plant under certain environmental

conditions. This stress may reduce plant stand or interfere with normal plant development. Herbicides used incorporated preplant may interact with insecticides and enhance this stress.

Specific Use Restrictions:

- Do not make more than one application of Pilot 15G or other products containing chlorpyrifos per acre per year.

Tobacco

Worker Restricted Entry Interval: Weed control in Tobacco is not within the scope of the Worker Protection Standards (WPS). Follow non-Agricultural Use Requirements for Tobacco.

Pests Controlled	Application Rate lb/acre
cutworms flea beetles mole crickets root maggots wireworms	13.5

Preplant Broadcast Treatment: Apply Pilot 15G one week before transplanting, using equipment that will evenly distribute the granules over a treated area. Immediately following application, incorporate the granules into the soil to a depth of 2 to 4 inches using suitable equipment.

Specific Use Precautions:

- Read and follow all **Spray Drift Mitigation Measures** (See **Spray Drift Mitigation Measures** section).

Specific Use Restrictions:

- Preharvest Interval:** Do not apply within 7 days before harvest.
- Do not make more than one application of Pilot 15G or other product containing chlorpyrifos per year.
- The maximum single application rate is 2.025 lb ai chlorpyrifos per acre.

Application Rate Calculation and Equipment Calibration for Row Crops.

Example: Assume the selected application rate is 6.5 oz of Pilot 15G per 1000 ft of row (1 lb ai chlorpyrifos per acre) for an At-plant Treatment.

Planter Calibration

- Identify the row spacing.
- Set planter to identify row spacing.
- Using Table 1 determine the amount of Pilot 15G per 1000 ft. of row for an application/equivalent rate of 6.5 Oz at the desired field row spacing.
- Calibrate the planter to deliver an application Rate of 6.5 oz. per 1,000-foot row (equivalent to 9.7 lbs. Pilot 15G per acre).

Table 1. Application Rates/1,000 Ft. of Row and Equivalent/Acre at Different Row Spacing

Amount of Pilot 15G Per 1,000 Feet of Row	Pounds of Pilot 15G Required Per Acre from Various Row Spacing							
	40"	38"	36"	34"	32"	30"	22"	18"
3.7 ounces	3.0	3.2	3.4	3.6	3.8	4.0	5.5	6.7
4.0 ounces	3.3	3.4	3.6	3.8	4.1	4.4	5.9	7.3
4.5 ounces	3.7	3.9	4.1	4.3	4.6	4.9	6.7	8.2
6.0 ounces	4.9	5.2	5.4	5.8	6.1	6.5	8.9	10.9
6.5 ounces	5.3	5.6	5.9	6.2	6.6	7.1	9.7	11.8
7.5 ounces	6.1	6.4	6.8	7.2	7.7	8.2	11.1	13.6
8.0 ounces	6.5	6.9	7.3	7.7	8.2	8.7	11.9	14.5
9.0 ounces	7.4	7.7	8.2	8.6	9.2	9.8	13.4	16.3
12.0 ounces	9.8	10.3	10.9	11.5	12.3	13.1	17.8	21.8
15.0 ounces	12.3	12.9	13.9	14.4	15.3	16.3	22.3	27.2
16.0 ounces	13.1	13.8	14.5	15.4	16.3	17.4	23.8	29.0

General Instructions for Calibration of Equipment

Caution: The following chart lists suggested initial gauge settings for application of Pilot 15G with one hopper opening per row. Be sure to check the actual application rate under your operating conditions.

1. Fill hopper.
2. Attach a plastic bag to the tube opening.
3. Set your planter to the initial settings shown on the chart.
4. Measure off 1,000 row feet and drive your planter the pre-measured distance at your desired speed.
5. Each bag should contain 6 to 8 ounces (wt.) of granules depending on your desired rate.
6. If the result is over or under the desired rate, adjust the settings and repeat the calibration.

Table 2. Equipment Calibration and Calibration Settings for Different Types of Equipment
Application Rate, 8 oz. Per 1,000 ft row

	Application Rate, oz per 1,000 ft row									
	Speed (mph)									
	4		5		6		7		8	
	Application Rate, oz per 1,000 ft row									
	8	16	8	16	8	16	8	16	8	16
Planter Type	Gauge Setting									
Gandy ¹	21.4	30.2	23.7	32.4	26.0	36.0	27.7	39.0	30.2	41.0
John Deere ¹ Max-Emerge ²	20	44	26	46	30	49	35	52	40	54
John Deere ¹ 7000 Max-Emerge (Odd Nos. on Gate)	14	22	16	24	18	26	19	28	21	30
John Deere ¹ 7000 Max-Emerge (Even Nos. on Gate)	17	30	20	33	24	35	26	36	28	38
John Deere ² 71 Flexi-Planter and Older Planters	$\frac{1}{30}$	$\frac{2}{17}$	$\frac{2}{5}$	$\frac{2}{22}$	$\frac{2}{9}$	$\frac{2}{27}$	$\frac{2}{13}$	$\frac{2}{31}$	$\frac{2}{16}$	$\frac{3}{16}$
John Deer ³ MaxEmerg Plus	18	-	23	-	29	-	33	-	39	-
Allis Chalmers ³ 70 Series	8	13	8	13	8	13	8	13	8	13
Allis Chalmers ⁴ 78 & 79 Series	$\frac{1}{9.0}$	$\frac{3}{3.0}$	$\frac{2}{33}$	$\frac{3}{9.5}$	$\frac{2}{6}$	$\frac{4}{3.0}$	$\frac{2}{9}$	$\frac{5}{4.0}$	$\frac{3}{2.5}$	$\frac{6}{0}$
Noble ¹ (New)	11	19	14	22	16	25	17	28	19	31
White Planter	11	19	14	22	16	25	17	28	19	31
International Harvester ⁴	$\frac{1}{9.0}$	$\frac{3}{3.0}$	$\frac{2}{3.3}$	$\frac{3}{9.5}$	$\frac{2}{6.0}$	$\frac{4}{3.0}$	$\frac{2}{9.0}$	$\frac{5}{4.0}$	$\frac{3}{2.5}$	$\frac{6}{0}$
Buffalo All-Flex ⁵ (Fleischer Mfg.)	4 7/8	10	4 7/8	10	4 7/8	10	-	-	-	-

¹ Gauge setting

Range:

² Gauge setting with range 1 & 2 - number is notch.

³ An application rate of 16 oz per 1000 ft of row is not attainable with this equipment.

⁴ Gauge setting is constant regardless of speed.

Gate

⁵ Gauge setting shown with stem gates & dial settings - number shown is dial.

⁶ Number of turns open on the adjustment nut.

Inherent Risks of Use

It is impossible to eliminate all risks associated with the use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Gharda Chemicals Limited or the seller. To the extent permitted by applicable law, all such risks shall be assumed by the buyer.

Notice of Warranty and Disclaimer

The seller warrants that at the time of delivery the product in this container conforms to its chemical description contained herein and is reasonably fit for its intended purpose under normal conditions of use. This is the only warranty made on this product. To the extent permitted by applicable law, Seller expressly disclaims any implied warranties of merchantability or fitness for any particular purpose and, except as set forth above, any other express or implied warranties. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values. 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 weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the Seller. To the extent permitted by applicable law Seller be liable for the consequential, special, or indirect damages resulting from the use or handling of this product. The Buyer shall assume all such risks. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

EPA Accepted: tba
EPA Registration No.: 93182-8

Last two letters in batch code indicate producing Establishment:

EPA Establishment No.: 5905-GA-01=CG
5905-IA-01=DI
44616-MO-1=SJ
33658-IND-03=IN

Pilot® is a registered trademark of Gharda Chemicals International Inc.

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