



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 1, 2015

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Senior Regulatory Manager  
Bayer CropScience  
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P.O. Box 12014  
Research Triangle Park, NC 27709

Subject: Label Amendment – Agency Initiated Request to remove Oil Seed Crop Group  
Product Name: Gaucho 480 Flowable  
EPA Registration Number: 264-957  
Application Date: 10/31/2014  
Decision Number: 497847

Dear Dr. Huang:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, 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. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, 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, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act 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) list 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.

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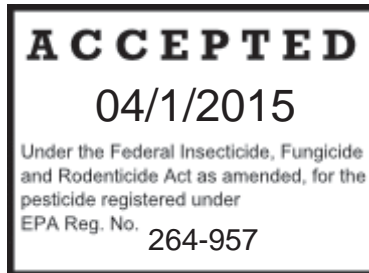
Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jacquelyn Marchese by phone at 703-347-0559, or via email at [marchese.jacquelyn@epa.gov](mailto:marchese.jacquelyn@epa.gov).

Sincerely,

Handwritten signature of Jacquelyn Marchese for

Venus Eagle, Product Manager 01  
Insecticide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



# GAUCHO<sup>®</sup> 480 Flowable

Contains 4 lbs. active per gallon (480 grams per liter) @ 20°C

**ACTIVE INGREDIENT:**

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.....40.7%

**OTHER INGREDIENTS:** .....59.3%

**TOTAL:** .....100.0%

EPA Reg. No. 264-957

EPA Est.

## KEEP OUT OF REACH OF CHILDREN CAUTION

For MEDICAL And TRANSPORTATION Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
 For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.**

## 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:** Long-sleeved shirt and long pants, socks and shoes and 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:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 bees, 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.

Ensure that planting equipment is functioning properly in accordance with manufacturing specifications to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

## 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, millet, 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. This product is to be used in liquid or slurry treaters.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Mix thoroughly before use or use entire container at one time. Pre-test all tank mixes 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, 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. 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: coveralls, chemical resistant gloves, shoes plus socks, 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 are required for listed crops:

ROTATIONAL PLANT-BACK INTERVALS*				
IMMEDIATE PLANT-BACK				30-DAY PLANT-BACK
Artichoke	Crambe	Oats	Soybean	Cereals, including: buckwheat rice
Barley	Cucurbits	Okra	Strawberry	
Brassica (cole) leafy veg.	Eggplant	Pepinos	Sugar beet	
Borage	Flax	Pepper	Sunflower	
Canola	Ground cherry	Popcorn	Tomatillo	
Cilantro	Leaf petiole veg. (Subgroup 4B)	Potato	Tomato	
Corn, Field	Leafy Greens (Subgroup 4A)	Rapeseed	Triticale	
Corn, Sweet	Legume veg. (succulent or dried), including soybean	Rye	Veg. Root and Tuber	
Cotton		Safflower	Watercress	
Cranberry	Millet	Sorghum	Wheat	
	Mustard Seed			

\* 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 plant-back interval is required.

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

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

Labels for commercially treated seed must 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.

**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 21CFR, 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 specified rates.

## **USE RESTRICTION**

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

### **Stored Seed Protection:**

Applied at labeled rates equal to or above 1.0 fl oz per hundredweight, GAUCHO 480 Flowable will provide protection to seed against injury from the following insects: Indian Meal Moth (*Plodia interpunctella*), Rice Weevil (*Sitophilus oryzae*), Red Flour Beetle (*Tribolium castaneum*), and Lesser Grain Borer (*Rhizopertha dominica*). It is recommended that seed with existing populations of stored grain pests be fumigated prior to treating and bagging seed.

### **For Early Season Protection Against Certain Sucking Insects:**

GAUCHO 480 Flowable will aid in the protection of seeds and seedlings against injury by certain early season insects.

### **Canola, Rapeseed and Mustard Seed:**

To provide early season protection of seedlings against injury by aphids, flea beetles and wireworms apply as a commercial seed treatment at 12.8 to 32 fl oz per hundredweight of seed. In areas where flea beetle and foliar insects are in high numbers, the higher application rate is recommended. Please consult your local agricultural office for pest patterns, history, and forecasts to assist in determining the appropriate rate for your region.

For suppression of Lygus bugs, including *Lygus* spp., in their second generation and cabbage Seedpod Weevil larvae, including *Ceutorhynchus assimilis*, apply 19.2 to 32 fl oz per hundredweight of seed.

### **Flax, crambe, and borage:**

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply as a commercial seed treatment at 32 fl oz per hundredweight of seed.

### **Safflower:**

To provide early season protection of seedlings against wireworms, apply as a commercial seed treatment at 0.25 – 0.50 mg ai per seed. (One fl oz of GAUCHO 480 contains 14.2 g of imidacloprid.)

### **Sunflower:**

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply as a commercial seed treatment at 0.25 – 0.50 mg ai per seed. (One fl oz GAUCHO 480 contains 14.2 g of imidacloprid.)

Sunflower seed treated in California must be destined for planting in states other than California and is not to be planted in California.

### **Oil Seed Crop Group: For End-Use Application At Agricultural Establishments:**

#### **Canola, Rapeseed and Mustard Seed:**

Apply using an HCBT or a Batch Treater. Shake GAUCHO 480 Flowable thoroughly before use. Apply 6.4 to 16 fl oz of GAUCHO 480 Flowable per 50 pound bag. GAUCHO 480 Flowable may be diluted with an approved Gustafson fungicide mixture for extended disease protection. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered.

#### **Flax, sunflower, crambe, and borage:**

To provide early season protection of seedlings against wireworms, seed corn maggots and flea beetles apply using an HCBT or a Batch Treater at 16.0 fl oz per hundredweight of seed.

**Field Corn:**

For the protection of corn plants from the corn insect pests listed below. Apply as a seed treatment at the recommended rates listed.

PEST	GAUCHO 480	
	MG AI/KERNEL	FL OZ/80,000 SEED UNIT
Corn root worm (including Northern, Western, Southern and Mexican) <sup>1</sup> Flea beetle Chinch bug Southern green stinkbug White grub Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Southern corn leaf beetle Billbug <sup>2</sup> Grape colaspis <sup>2</sup> Black cutworm <sup>3</sup>	1.34	7.6
PEST	GAUCHO 480	
	MG AI/KERNEL	FL OZ/80,000 SEED UNIT
Flea beetle Chinch bug Seed corn maggot Thrips Wireworm Corn leaf aphid Imported fire ant Grape colaspis <sup>2</sup> White grub	0.6	3.4
PEST	GAUCHO 480	
	MG AI/KERNEL	FL OZ/80,000 SEED UNIT
Seed corn maggot (seed protection only) Wireworm (seed protection only) Flea beetle (through 1 leaf stage) Imported fire ant White grub <sup>4</sup>	0.16	0.91

<sup>1</sup> In areas of heavy to severe corn rootworm populations, protection will not be adequate. Use only in areas of light to moderate corn rootworm populations. Consult your State Agricultural Extension Service on levels of corn rootworm populations.

<sup>2</sup> Reduces early season feeding damage.

<sup>3</sup> Will reduce feeding damage caused by leaf feeding black cutworms that are 1/2 inch or less in length.

<sup>4</sup> Reduces feeding damage during emergence and seedling stages.



**Field Corn: For End-Use Application At Agricultural Establishments:**

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 480 Flowable thoroughly before use. Dilute GAUCHO 480 Flowable with water and/or an approved Gustafson fungicide mixture. The final slurry rate must be adjusted to apply a rate of 8 - 10 fl oz of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered. Apply 0.75 oz. of dry TALC per 50-pound bag of seed following the GAUCHO 480 Flowable application and allow it to distribute evenly on the seed.

**Wheat, Barley, Oats, Rye, Triticale:**

To provide early season protection of seedlings against injury by aphids (including Bird cherry-oat, English grain, Greenbug, and Russian wheat aphid), Hessian fly and Wireworms, apply 1.0 to 3.0 fl oz per hundredweight of seed prior to planting as a slurry treatment. Low use rate for "wireworm-only" protection: GAUCHO 480 applied at the 0.16 - 0.32 fl oz per hundredweight of seed offers suppression of wireworm activity on seed and young seedlings. To provide early season protection from grasshopper damage, GAUCHO 480 must be applied to seed at 1.5 to 3.0 fl oz per hundredweight. To reduce early season damage caused by grasshopper, GAUCHO treated seed may be planted as a 50 to 60 foot border around the edges of the field. Consult your local university extension entomologist for details regarding grasshopper control in your area. For maximum effectiveness, seed must be treated uniformly. Ensure thorough coverage. Use the higher rate to provide increased length of protection and from heavy insect pressure and from wireworms, and to reduce potential spread of Barley yellow dwarf virus due to aphid vectors. Do not graze or feed livestock on treated areas for 45 days after planting.

**Wheat, Barley, Oats, Rye, Triticale: For End-Use Application At Agricultural Establishments:**

Apply using a Total Slurry Treater (TST), Farmer Applied Seed Treater (F.A.S.T.), Gustafson Air Pressure System (GAP) or other on-farm seed treating equipment to deliver accurate rates of GAUCHO 480 Flowable to achieve optimum product performance. Apply 1.0 - 3.0 fl oz per hundredweight of seed. GAUCHO 480 Flowable must be combined with a Gustafson fungicide product for seed and seedling protection against fungal pathogens, as well as insect pests. Depending on fungicide formulation used dilution with water may be necessary for optimum coverage. GAUCHO 480 Flowable may also be applied on-farm as an over-treatment to seed pretreated with a fungicide. In this case, dilution is necessary. Do not graze or feed livestock on treated areas for 45 days after planting.

**Sorghum, Millet:**

To provide early season protection of seedlings against injury by Aphids (including Corn leaf, English grain, Greenbug, and Yellow sugar cane aphid), Chinch bugs, Fire ants and Wireworms, apply 8 fl oz per hundredweight of seed prior to planting as a slurry treatment. Ensure thorough coverage. Do not graze or feed livestock on treated areas for 45 days after planting.

**Sorghum, Millet: For End-Use Application At Agricultural Establishments:**

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 480 Flowable thoroughly before use. Dilute 4 fl oz of GAUCHO 480 Flowable with water. The final slurry rate must be adjusted to apply a rate of 8 - 10 fl oz of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered. Apply 0.75 oz of dry TALC per 50-pound bag of seed following the GAUCHO 480 Flowable application and allow it to distribute evenly on the seed. Do not graze or feed livestock on treated areas for 45 days after planting.

**Cotton (Delinted Seed Only):**

To provide protection of seedlings against injury by early season thrips and aphids and where specific application rate is desired on an individual seed basis apply at 0.375 mg. ai per seed (do not apply more than 16.0 fluid ounces per hundredweight of seed) prior to planting as a slurry treatment so as to ensure thorough coverage. Otherwise, apply at 16.0 fl oz per hundredweight of seed. 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 cropping cycle.

**Cotton (Delinted Seed Only): For End-Use Application At Agricultural Establishments:**

Apply using an HCBT or an Eight-Bag Batch Treater. Shake GAUCHO 480 Flowable thoroughly before use. Dilute 8 fl oz of GAUCHO 480 Flowable with water or a ready to use fungicide mixture, such as Gustafson RTU®-VITAVAX®-Thiram or ALLEGIANCE®-FL, for each 50-pound bag of cottonseed to be treated. The final slurry rate must be adjusted to apply a rate of 8 to 10 fl oz of diluted slurry per 50-pound bag of seed. Treat one-half of seed with one-half of slurry mix. Add the balance of the seed and apply balance of slurry. Allow mixing until seed is thoroughly covered.



**Sugar Beets:**

To provide early season protection of seedlings against injury by Whitefly, Aphids, Leafhoppers (including to reduce potential for spread of Curly top and Yellow mosaic virus due to aphid and leafhopper vectors), Root aphid, Thrips and Wireworms, apply as a commercial seed treatment at 3.0 to 6.3 fl oz of GAUCHO 480 Flowable in or on a unit of pelleted sugar beet seed with a weight ratio of 2:1 pelleting mixture to raw seed (seed count 100,000 seed - approximately 1 kilogram by weight). Apply in a film coat directly to raw seed (100,000 seed or approximately 1 kilogram by weight) at a rate of 3.0 fl oz per unit of seed. If rates exceed 3.0 fl oz per unit, seed must be pelleted.

**Sweet Corn:**

For the protection of sweet corn plants from the insect pests listed below. Apply as a seed treatment at the recommended rates listed.

PEST	GAUCHO 480 FL OZ/ CWT OF SEED
Flea beetle Early season corn leaf aphid Seed corn maggot Wireworm	8
Imported fire ant Early season corn leaf aphid Seed corn maggot Wireworm	4-8
Imported fire ant Seed corn maggot (seed protection) Wireworm (seed protection)	2-4
Wireworm (seed protection)	1-2

The final slurry rate must be adjusted to apply a rate of 16 - 20 fl oz of dilute solution per hundredweight of seed with commercial application equipment.

**Popcorn:**

To provide early season protection of seedlings against injury by flea beetles, apply as a commercial seed treatment at 8 fl oz per hundredweight of seed.

**Soybean:**

For protection of planted seeds from damage caused by seed corn maggot, to reduce feeding damage caused by soybean aphids and over-wintering bean leaf beetles, and to help suppress the spread of certain viruses, apply 2.0 – 4.0 fl oz per hundredweight of seed. Use higher rates to provide increased length of protection and for heavy insect pressure. GAUCHO 480 Flowable can be used as an over-treatment. Do not graze or feed livestock on soybean forage or hay.

**Adzuki Bean, Asparagus Bean, Broad Bean (Succulent Or Dry), Catjang Bean, Chinese Longbean, Field Bean, Guar Bean, Jackbean, Kidney Bean, Lablab Bean, Lima Bean (Succulent Or Dry), Moth Bean (Succulent Or Dry), Mung Bean, Navy Bean, Pinto Bean, Rice Bean, Runner Bean, Snap Bean, Sword Bean, Tepary Bean, Urd Bean, Wax Bean, Yardlong Bean, Blackeyed Pea (Succulent Or Dry), Chickpea, Cowpea (Succulent Or Dry), Crowder Pea, Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Pigeon Pea (Succulent Or Dry), Snow Pea, Southern Pea (Succulent Or Dry), Sugar Snap Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Lentil: \***

To provide early season protection of seedlings against injury by wireworm, bean leaf beetle, imported fire ant, and aphid, apply as a commercial seed treatment at 2 - 4 fl oz per hundredweight of seed prior to planting.

**\* Seed-and-pod vegetable seed treated in California must be destined for planting in states other than California and is not to be planted in California.**

**Carrot:**

To provide early season protection of seedlings against injury by seed corn maggot and wireworm, apply as a commercial seed treatment at 8 fl oz per hundredweight of seed.

## STORAGE AND DISPOSAL

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

### **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 HANDLING**

#### **Dilutable Seed Treatment Products in Non-Refillable Plastic Containers**

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

#### **Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

#### **Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

#### **Dilutable Seed Treatment Products in Non-Refillable Metal Containers**

Nonrefillable container. Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

#### **Liquid dilutables in containers small enough to shake (5 gallons or less)**

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.

#### **Solid dilutables in containers small enough to shake (5 gallons or 50 pounds or less)**

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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.

**Any dilutable pesticides in containers too large to shake (larger than 5 gallons or 50 pounds)**

Triple Rinse as follows: Empty 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. 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.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**[Non-Dilutable Seed-Treatment Products in Non-Refillable Containers]**

**Seed-Treatment Products in Non-Refillable Fiber Drums with Liners**

Non-refillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

**Seed-Treatment Products in Non-rigid, Non-Refillable Containers**

Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**[Seed Treatment Products in Refillable Containers]**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781) or rinse and either recycle or dispose of the container as follows:

**Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing 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 pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

**Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)**

Triple rinsing 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 triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container.

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

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 Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks 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 Bayer CropScience. All such risks shall be assumed by the user or buyer.

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### PRODUCED FOR



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GAUCHO 480 Flowable (PENDING) 10/28/14