



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 05, 2025

### **SENT BY EMAIL**

Connie Butts  
connie.butts@basf.com  
BASF AGRICULTURAL SOLUTIONS US LLC

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Addition of Alternate Brand Name  
Product Name: PONCHO 600  
Admin Number: 7969-458  
EPA Receipt Date: 01/24/2025  
Action Case Number: 00642658

Dear Connie Butts:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

The alternate brand name: Modalex 600 seed treatment has been added to the registration. Our records have been updated accordingly.

Should you wish to add/retain a reference to your 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 EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Scott Campbell via email at [campbell.scott@epa.gov](mailto:campbell.scott@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Scott Campbell (for)". The script is fluid and cursive, with the word "for" in parentheses at the end.

Loren LaPointe, Acting PM01  
IVB3, RD  
Office of Pesticide Programs



We create chemistry

# Poncho® 600

Alternate Brand Names: Poncho® 600 seed treatment, Poncho® XC seed treatment, Aramax™ insecticide seed treatment, VERCORAS™ insecticide seed treatment, Modalex™ 600 seed treatment

Seed treatment use on broccoli, canola, rapeseed, carrot, cereal grains (except corn, rice, sorghum and wild rice), corn, cotton, leafy greens, leek, onion (bulb and bunching), potato (seed piece treatment), rice, sorghum, soybean, and sugar beet for the control of listed insect pests.

All seed treated with this product must be conspicuously colored at the time of treatment.

**Active Ingredient:**

clothianidin . . . . . 48.0%

**Other Ingredients:** . . . . . 52.0%

**Total:** . . . . . 100.0%

Contains 5.00 lbs clothianidin per U.S. gallon

EPA Reg. No. 7969-458

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Please refer to [back panel] [booklet] for additional precautionary statements and directions for use. [Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.]

For MEDICAL and TRANSPORTATION emergencies ONLY call 24 hours a day 1-800-832-HELP (4357).

## Net Contents:

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

## NOTIFICATION

7969-458

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/05/2025

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• <b>DO NOT</b> induce vomiting unless told to by a poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</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 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 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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
In case of emergency, call toll free BASF Corporation 1-800-832-HELP (4357). Have a product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> No specific antidote is available. Treat the patient symptomatically.	

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed. Harmful if absorbed through the skin. Harmful if inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

### Personal Protective Equipment (PPE)

**Applicators and other handlers must wear:**

- Long-sleeve shirt
- Long pants
- Chemical-resistant gloves made out of: barrier laminate, nitrile rubber  $\geq$  14 mils, butyl rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride rubber  $\geq$  14 mils, or viton  $\geq$  14 mils
- Shoes plus socks

## 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.

### 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.

## Environmental Hazards

This product is toxic to birds and aquatic invertebrates. **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 cleaning equipment or disposing of equipment washwater or rinseate. **DO NOT** apply where runoff is likely to occur. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified on the label.

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. Therefore contain any product spill or equipment leak and dispose of wastes according to the disposal instructions on this label.

Treated seed exposed on soil surface may be hazardous to birds and mammals. Cover or collect spilled seeds.

This compound is highly toxic to bees exposed directly (contact).

## Directions For Use

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

Read the entire label before using this product.

**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 state or tribal agency responsible for pesticide regulation.

## 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, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, 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**.

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:

- Long-sleeve shirt
- Long pants
- Chemical-resistant gloves made out of: barrier laminate, nitrile rubber  $\geq$  14 mils, butyl rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride rubber  $\geq$  14 mils or viton  $\geq$  14 mils
- Shoes plus socks

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage, disposal, or cleaning of equipment.

### Pesticide Storage

**DO NOT** contaminate water, food, or feed by storage or disposal. Store in a cool, dry secured storage area.

### Pesticide Disposal

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

### Container Handling

#### Nonrefillable Plastic Containers

##### Rigid nonrefillable containers

##### (equal to or less than 5 gallons)

**Nonrefillable Container. DO NOT** reuse or refill this container. Triple rinse or pressure 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. Fill the container 1/4 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.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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

(continued)

## STORAGE AND DISPOSAL *(continued)*

### Container Handling *(continued)*

#### Nonrefillable Plastic Containers *(continued)*

##### Rigid nonrefillable containers

##### that are too large to shake

(i.e., with capacities greater than 5 gallons or 50 lbs)

**Nonrefillable Container. DO NOT** reuse or refill this container. After emptying product from container, either return container to BASF, 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.

*(continued)*

## STORAGE AND DISPOSAL *(continued)*

### Container Handling *(continued)*

#### Nonrefillable Metal Containers

**Nonrefillable Container. DO NOT** reuse or refill this container. After emptying product from container, either return container to BASF, or rinse and either recycle or dispose of the container as follows:

##### Liquid 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 1/4 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.

##### 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 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 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.

#### Nonrefillable Containers

##### Nonrefillable fiber drums with liners

**Nonrefillable 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.

##### Nonrigid nonrefillable 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.

*(continued)*

## STORAGE AND DISPOSAL *(continued)*

### Container Handling *(continued)*

#### 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 BASF, 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 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.

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.

## Product Information

### Poncho® 600

- Systemic insecticide seed treatment for use on broccoli, canola, rapeseed, carrot, cereal grains (except corn, rice, sorghum and wild rice), corn, cotton, leafy greens, leek, onion (bulb and bunching), potato (seed piece treatment), rice, sorghum, soybean, and sugar beet for the control of listed insects.
- Provides early season protection against the listed insect pests.
- Provides protection under low-to-moderate corn root-worm pressure.

## Application Instructions

### Poncho 600

- To be used in liquid or slurry treaters. Mix thoroughly before use or use entire container at one time. Pretest all tank mixes to determine physical compatibility between formulations. It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.
- Treatment of highly mechanically damaged seed, or seed of known low vigor or 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 BASF, no claims are made to guarantee germination of carryover seed.

## Use Restrictions

- All seed treated with this product must be conspicuously colored at the time of treatment. This product contains no colorant. An EPA-approved dye or colorant must be added when this product is applied to seed to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals. Regulations pertaining to coloration of treated seed enforced by 40 CFR 153.155 must be strictly adhered to when using this product.
- For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications except for cereal grains (except corn, rice, sorghum, and wild rice) and potato seed pieces.
- Regardless of method of application (seed treatment, soil, or foliar), **DO NOT** apply more than 0.2 lb of active ingredient clothianidin per acre per year.
- Not for use on sorghum seed in the state of California.

Refer to the specific use directions and restrictions in each crop table.



## Specific Crop Directions

### Commercial Seed Treatment Facilities

#### Broccoli

Insect Pests	Product Rate fl oz/1,000 seeds (grams ai/1,000 seeds)
Aphids Bagrada bug Cabbage maggot Flea beetle	0.068 (1.1925)

#### Canola; Rapeseed

Insect Pests	Product Rate fl ozs/100 lbs seed (mg ai/seed) <sup>1</sup>
Flea beetle Wireworms	3.84 * (0.00664)  5.12 ** (0.008863)  10.23 *** (0.01770)

\* Use this rate under **low-to-moderate** flea beetle pressure.

\*\* Use this rate under **moderate** flea beetle pressure.

\*\*\* Use this rate under **high-to-extreme** flea beetle pressure where extended control is required.

<sup>1</sup> Rate is calculated based on number of seeds/lb averages of canola (102,500).

#### Carrot

Insect Pest	Product Rate fl oz/1,000 seeds (gram ai/1,000 seeds)
Carrot rust fly	0.0019 to 0.0038 (0.0338 to 0.0675)



**Cereal Grains (except corn, rice, sorghum, wild rice)****barley, buckwheat, millet (pearl, proso), oats, rye, teosinte, triticale, wheat**

<b>Insect Pests</b>	<b>Product Rate fl ozs/100 lbs seed (mg ai/seed) <sup>1</sup></b>
Wireworms	0.25 to 1.79 (0.00324 to 0.02318)
Aphids (including bird cherry-oat, English grain, greenbug, Russian wheat aphid)	0.75 to 1.79 (0.00971 to 0.02318)
Grasshoppers <sup>2</sup> Hessian fly	1.79 (0.02318)

**Crop-specific Directions**

- **Wireworm seed protection** - Use 0.25 fl oz/100 lbs seed rate or higher, depending on field history and site populations.
- **Hessian fly protection to wheat seedlings in the Fall season** - Use 1.79 fl ozs/100 lbs seed.
- For maximum effectiveness, treat seed uniformly. Use the higher rate to provide increased length of protection and from heavy insect pressure and to reduce potential spread of barley yellow dwarf virus due to aphid vectors.
- Grasshopper feeding damage to seedling plants under low-to-moderate insect pressure will be reduced when **Poncho® 600** is used. Treated seed may be planted as a 50-feet to 60-feet border around the edges of the crop field as a barrier to grasshoppers advancing into the interior of the field.

<sup>1</sup> Rate is calculated based on number of seeds/lb averages of wheat (13,700).

<sup>2</sup> Not registered for use in California.

## Corn (field corn, popcorn)

Insect Pests	Product Rate fl ozs/80,000 seeds (mg ai/seed)
Corn flea beetle (through first true seed leaf) Seedcorn maggot <sup>2</sup> Storage pests <sup>1</sup> (including Indian meal moth, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle) White grubs <sup>2</sup> (including European, Chafer larvae, Japanese beetle larvae, May/June beetle larvae)	0.57 (0.125)
Chinch bug Corn flea beetle Corn leaf aphid Cutworm, black Grape colaspis Seedcorn maggot Southern corn leaf beetle Southern corn rootworm Southern green stinkbug Storage pests <sup>1</sup> (including Indian meal moth, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle) Sugarcane beetle Thrips White grubs (including European, Chafer larvae, Japanese beetle larvae, May/June beetle larvae) Wireworms	1.13 to 2.26 (0.25 to 0.50)
Corn rootworms (including Mexican, northern, southern, western) Southern corn billbug	5.64 (1.25)

### Crop-specific Directions

<sup>1</sup> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.

<sup>2</sup> For seed protection only.

## Corn (sweet corn)

Insect Pests	Product Rate fl ozs/80,000 seeds (mg ai/seed)
Corn flea beetle (through first true seed leaf) Seedcorn maggot <sup>2</sup> Storage pests <sup>1</sup> (including Indian meal moth, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle) White grubs <sup>2</sup> (including European, Chafer larvae, Japanese beetle larvae, May/June beetle larvae)	0.57 (0.125)
Chinch bug Corn flea beetle Corn leaf aphid Cutworm, black Grape colaspis Seedcorn maggot Southern corn leaf beetle Southern corn rootworm Southern green stinkbug Storage pests <sup>1</sup> (including Indian meal moth, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle) Sugarcane beetle Thrips White grubs (including European, Chafer larvae, Japanese beetle larvae, May/June beetle larvae) Wireworms	1.13 to 2.26 (0.25 to 0.50)

### Crop-specific Directions

<sup>1</sup> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.

<sup>2</sup> For seed protection only.

## Cotton (delinted only)

Insect Pests	Product Rate fl ozs/100,000 seeds (mg ai/seed)
Aphids Cutworm, black Early season thrips Storage pests <sup>1</sup> (including Indian meal moth, lesser grain borer, red flour beetle, rice weevil, rusty grain beetle)	2.0 (0.353)

### Crop-specific Directions

- Not registered for use in California.

<sup>1</sup> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.

## Leafy Greens (subgroup 4A)

Insect Pests	Short Season Crops	Short Season Product Rate fl ozs/100 lbs seed <sup>1</sup> (0.025 to 0.05 mg ai/seed)	Seed Size seeds/lb <sup>1</sup>
Aphids  Leafminers (Suppression)	amaranth chrysanthemum (edible-leaved, garland)	56.6 to 113.4	400,000
	arugula	36.9 to 73.7	260,000
	chervil	23.0 to 46.1	162,532
	corn salad	24.4 to 48.9	172,400
	cress (garden, upland)	27.2 to 54.5	192,320
	dandelion	4.9 to 9.9	35,000
	dock	46.1 to 92.1	325,000
	endive	60.4 to 120.9	426,400
	lettuce (lettuce, spring mix)	66.6 to 133.2	469,933
	orach	18.9 to 37.8	133,329
	parsley	41.7 to 83.3	293,920
	purslane (garden, winter)	154.2 to 308.5	1,088,400
	radicchio	34.9 to 68.0	240,000
	spinach (baby)	6.4 to 12.9	45,360
	<b>Full Season Crops</b>	<b>Full Season Product Rate fl ozs/100 lbs seed <sup>1</sup></b>	<b>Seed Size seeds/lb <sup>1</sup></b>
	lettuce <sup>2</sup> (head, leaf, Romaine)	1,065.4 to 1,998.3 (0.4 to 0.75 mg ai/seed)	469,933
	spinach (spinach, New Zealand, vine)	38.6 (0.15 mg ai/seed)	45,360

(continued)

## Leafy Greens (subgroup 4A)

(continued)

### Crop-specific Restriction

- Each fluid ounce of **Poncho® 600** contains 17.7 grams of clothianidin.

### Crop-specific Directions

- Each fluid ounce of **Poncho 600** contains 17.7 grams of clothianidin.

<sup>1</sup> Fl ozs/100 lbs seed is calculated based on seed size (seeds/lb).

<sup>2</sup> For high application rate of 0.4 to 0.75 mg ai/seed for lettuce, incorporate **Poncho 600** into pelleting process. Minimum pelleting buildup weight of 40X is required for the highest rate of 0.75 mg ai/seed. The minimum pelleting buildup weight is allowed to be reduced proportionally [buildup = 40X (target rate/0.75)] for the lower rate. **DO NOT** apply the product on raw seeds.

### Rate Guide Chart

Maximum seeding rates are based on the application rate and range from 120,000 to 3.6 million seeds per acre. (see **Rate Guide Chart** below)

Application Rate (mg ai/seed)	Maximum Seeding Rate (seeds/A)
0.025	3,600,000
0.05	1,800,000
0.15	600,000
0.4	225,000
0.75	120,000

## Leek

Insect Pests	Product Rate fl oz/1,000 seeds (gram ai/1,000 seeds)
Onion maggot Seedcorn maggot Thrips	0.01129 (0.2)

## Onion (bulb)

Insect Pests	Product Rate fl oz/1,000 seeds (gram ai/1,000 seeds)
Onion maggot Seedcorn maggot Thrips	0.00666 to 0.01016 (0.118 to 0.18)

## Onion (bunching)

Insect Pests	Product Rate fl oz/1,000 seeds (gram ai/1,000 seeds)
Onion maggot Seedcorn maggot Thrips	0.00508 to 0.00598 (0.09 to 0.106)

## Rice

Insect Pests	Product Rate fl ozs/100 lbs seed
Aphids Black bug Chinch bug Grape colaspis Rice water weevil Thrips	1.93

Provides early season protection against listed pests.

### Crop-specific Restrictions

- **DO NOT** apply to wild rice.
- Not registered for use in California.
- **Poncho® 600** is to be used only as a dry-seeded rice seed treatment.
- **DO NOT** use **Poncho 600** in areas where rice/crawfish aquaculture practices are in place or in or near fish farms; shrimp, prawn, or crab ponds; or nursery operations.
- **Poncho 600** is not to be followed by a spray treatment of another neonicotinoid insecticide. Follow approved guidelines established for insect resistance management by consulting your local extension pest management expert.



## Sorghum

Insect Pests	Product Rate fl ozs/100 lbs seed (mg ai/seed) <sup>1</sup>
Aphids (including greenbug, corn leaf aphid, English grain aphid, yellow sugarcane aphid) Black granulate cutworm Chinch bugs White grubs Wireworms	5.1 to 6.4 (0.05 to 0.06)

### Crop-specific Restrictions

- Not registered for use in California.

<sup>1</sup> Rate is calculated based on number of seeds/lb averages of sorghum (18,000).

## Soybean

Insect Pests	Product Rate fl oz/140,000 seeds (mg ai/seed)
Aphids Bean leaf beetle Grape colaspis Leafhoppers Seedcorn maggot Three-cornered alfalfa hopper Thrips White grubs Wireworms	0.87 (0.11)

- Not registered for use in California.

## Sugar Beet

Insect Pests	Product Rate fl ozs/100,000 seeds (mg ai/seed)
Black bean aphid Cutworms Flea beetle Garden springtail Sugar beet leafhopper Sugar beet leafminer Sugar beet root maggot Wireworms	3.4 (0.603)

### Crop-specific Directions

- Protection against beet leafhopper injury aids in reducing potential spread of beet curly top virus, vectored by beet leafhopper.
- Apply **Poncho® 600** to seed with a coating system giving a minimum weight gain buildup of approximately 30%.

## On-farm Seed Treatment

### Cereal Grains (except corn, rice, sorghum, wild rice)

barley, buckwheat, millet (pearl, proso), oats, rye, teosinte, triticale, wheat

Insect Pests	Product Rate fl ozs/100 lbs seed (mg ai/seed) <sup>1</sup>
Wireworms	0.25 to 1.79 (0.00324 to 0.02318)
Aphids (including bird cherry-oat, English grain, greenbug, Russian wheat aphid)	0.75 to 1.79 (0.00971 to 0.02318)
Grasshoppers Hessian fly	1.79 (0.02318)

#### Crop-specific Directions

- **Wireworm seed protection** - Use 0.25 fl oz/100 lbs seed rate or higher, depending on field history and site populations.
- **Hessian fly protection to wheat seedlings in the Fall season** - Use 1.79 fl ozs/100 lbs seed.
- For maximum effectiveness, treat seed uniformly. Use the higher rate to provide increased length of protection and from heavy insect pressure and to reduce potential spread of barley yellow dwarf virus due to aphid vectors.
- Grasshopper feeding damage to seedling plants under low-to-moderate insect pressure will be reduced when **Poncho® 600** is used. Treated seed may be planted as a 50-feet to 60-feet border around the edges of the crop field as a barrier to grasshoppers advancing into the interior of the field.

#### Crop-specific Restrictions

- Regardless of application method (seed treatment, soil, or foliar), **DO NOT** apply more than 0.2 lb active ingredient clothianidin per acre per year.

<sup>1</sup> Rate is calculated based on number of seeds/lb averages of wheat (13,700).

## On-farm Seed Piece Treatment

### Potato

Insect Pests	Product Rate fl oz/100 lbs seed (mg ai/seed) <sup>1</sup>
Aphids (including potato, green peach, foxglove, buckthorn aphids) Colorado potato beetle Potato flea beetle (overwintered adults and suppression of second generation) Potato leafhopper	0.16 to 0.32 (3.55 to 7.1)
Wireworms (seed piece protection only)	0.32 (7.1)

#### Crop-specific Directions

- Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust.
- Apply specified dosage as a diluted spray onto seed pieces using a shielded spray system that is well contained and will prevent the loss of any liquid.
- Agitate or stir spray solution as needed. For optimal insect control, good coverage of the seed pieces is required.
- As part of the seed cutting and treating process, treatment and/or an inert absorbent ingredient is recommended to improve suberization.
- Plant seed pieces as soon as possible after cutting and treating.
- Consult local specialists, BASF representative or dealer for information relevant to your area.
- For extended residual control of pests other than wireworms, apply the higher rate.

#### Crop-specific Restrictions

- **DO NOT** enter or allow worker re-entry into treated areas during the restricted-entry interval of 12 hours.
- Regardless of formulation or type of application (seed treatment, soil, or foliar), **DO NOT** apply more than a total of 0.2 lb active ingredient clothianidin per acre per year.
- **DO NOT** apply any subsequent application of a **Group 4** insecticide (i.e., infurrow or foliar application) following treatment with **Poncho® 600** insecticide.
- **DO NOT** dilute with any more than 6 parts water to 1 part **Poncho 600** insecticide.

<sup>1</sup> Rate is calculated based on number of seeds/lb averages of potato seed pieces (8).

Rotational Crop Plant-back Intervals					
Crop Planted	Immediate Plant-back	30-day Plant-back	4-month Plant-back	8-month Plant-back	12-month Plant-back
broccoli, carrot, cereal grains, field corn, popcorn, cotton, leek, onions, potato, soybean	canola, cereal grains, cotton, soybean, Brassica (cole) vegetables, bulb vegetables, cucurbit vegetables, fruiting vegetables, leafy green vegetables, root and tuber vegetables	dry beans, grasses, nongrass animal feeds		Sugarcane	Any crop without an earlier plant-back interval
canola, rapeseed, sweet corn, sorghum			Any crop without an earlier plant-back interval		

## SEED TAG LABELING

The Federal Seed Act requires that the container of seed treated with **Poncho® 600** must be labeled with the following statements:

- This seed has been treated with **Poncho® 600**, which contains **48.0% clothianidin**.
- **DO NOT** use treated seed for food, feed, or oil production.

In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with **Poncho® 600**:

- **Store treated seeds away from food and feedstuffs.**
- **DO NOT allow children, pets, or livestock to have access to treated seed.**
- **Wear long-sleeve shirt, long pants, and chemical-resistant gloves when handling treated seed.**
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agromomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be 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.
- Dispose of seed packaging or containers in accordance with local requirements. **DO NOT** use empty seed bags for any other purpose.
- This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust, which can drift to blooming crops or weeds.
- Rapeseed greens and seed grown or harvested from **Poncho® 600**-treated seed must not be used for feed or human consumption. Rapeseed grown and harvested from **Poncho® 600**-treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption.
- This compound is toxic to birds and mammals. Treated seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading.
- In soybean, foliar sprays of clothianidin can be applied 45 days after planting **Poncho® 600** treated seeds for mid-to-late season foliar insects.

(continued)

## SEED TAG LABELING (continued)

- For all other crops, **DO NOT** apply a neonicotinoid insecticide foliar spray after planting treated seed. Follow approved guidelines established for insect resistance management by consulting your local extension pest management expert.
- **Barley, oats, rye, triticale, wheat, potato**
  - Treated areas may be replanted with any crop specified on clothianidin label or any crop for which a tolerance exists for clothianidin, as soon as practical following the last application.
  - Areas planted with treated seed may be replanted immediately with canola, rapeseed, cereal grains (crop group 15 except rice), corn, cotton, potato, sorghum, sugar beet, and the following vegetable crops: Brassica (cole) leafy vegetables (crop group 5), bulb vegetables (crop group 3), cucurbit vegetables (crop group 9), fruiting vegetables (crop group 8), leafy green vegetables (crop group 4A), root vegetables (crop group 1).
  - These areas may also be replanted after 30 days with dry beans, dry peas, soybean.
  - **DO NOT** plant any other crop in the treated area for at least one year after treated seeds are planted.
- **Field corn, popcorn**
  - Immediate plant-back: canola, rapeseed, cereal grains, field corn, popcorn, sweet corn, root and tuber vegetables, soybean
  - 30 day plant-back: dry beans, grasses, nongrass animal feeds
  - 8 month plant-back: sugarcane
  - 12 month plant-back: any crops without an earlier plant-back interval
- **Sweet corn, canola, rapeseed, sorghum**
  - Immediate plant-back: canola, rapeseed, cereal grains, field corn, popcorn, sweet corn, root and tuber vegetables, sorghum, soybean
  - 30 day plant-back: dry beans, grasses, nongrass animals feeds
  - 4 month plant-back: any crop without an earlier plant-back interval
- **Soybean**
  - Immediate plant-back: canola, rapeseed, cereal grains, field corn, popcorn, sweet corn, cotton, root and tuber vegetables, soybean
  - 30 day plant-back: dry beans, grasses, nongrass animal feeds
  - 8 month plant-back: sugarcane
  - 12 month plant-back: any crops without an earlier plant-back interval
- Follow-up foliar sprays of registered insecticide may be needed under heavy pest pressure. Consult your local Extension office for recommendations.
- **DO NOT** graze or feed soybean forage and hay to livestock.

(continued)

## SEED TAG LABELING *(continued)*

- Regardless of method of application (seed treatment, soil, or foliar) **DO NOT** apply more than 0.2 lb of active ingredient clothianidin per acre per year.
- Not for use on sorghum or rice seed in the state of California.
- **Poncho® 600** is to be used only as a dry-seeded rice seed treatment.
- **DO NOT** use **Poncho® 600** in areas where rice/crawfish aquaculture practices are in place or in or near fish farms; shrimp, prawn, or crab ponds; or nursery operations.
- **Broccoli** - Treated at the rate of XX fluid ounces per 1,000 seeds will result in XX grams of clothianidin per 1,000 seeds.
- **Canola, rapeseed** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.
- **Carrot** - Treated at the rate of XX fluid ounces per 1,000 seeds will result in XX grams of clothianidin per 1,000 seeds.
- **Corn (field corn, popcorn)** - Treated at the rate of XX mg ai/seed.
- **Corn for pest insect southern corn billbug** - Follow-up foliar sprays of a locally registered insecticide may be needed under heavy pest pressure. Consult your local Extension office for recommendations.
- **Corn (sweet)** - Treated at the rate of XX mg ai/seed.
- **Cotton** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.
- **Leafy greens** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX mg of clothianidin per seed.
- **Leek** - Treated at the rate of XX fluid ounces per 1,000 seeds will result in XX grams of clothianidin per 1,000 seeds.
- **Onion (bulb)** - Treated at the rate of XX fluid ounces per 1,000 seeds will result in XX grams of clothianidin per 1,000 seeds.
- **Onion (bunching)** - Treated at the rate of XX fluid ounces per 1,000 seeds will result in XX grams of clothianidin per 1,000 seeds.
- **Rice** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX lbs of clothianidin per 100 lbs of seed.
- **Sorghum** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.
- **Soybean** - Treated with 0.11 mg clothianidin/seed.
- **Sugar beet** - Treated at the rate of XX fluid ounces per 100,000 seeds will result in XX grams of clothianidin per 100,000 seeds.
- **Barley, buckwheat, millet (pearl, proso), oats, rye, teosinte, triticale, wheat** - Treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.



## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, 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 the presence of other or untested or unapproved materials, seed of low quality or low vigor or low germination, use of the product in a manner inconsistent with its labeling, misapplication of the product, or weather conditions at planting or environmental conditions during seed storage, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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