APPENDIX C.

SAMPLE LABELS OF PESTICIDES
CONTAINING CLOTHIANIDIN
Poncho® 600 is a systemic insecticide seed treatment for use on canola, rapeseed, corn, and sorghum for the control of listed insect pests.

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

ACTIVE INGREDIENT:
Clothianidin ........................................... 48.0%

OTHER INGREDIENTS: ................................ 52.0%

TOTAL 100.0%

Contains 5 lbs. active ingredient per gallon.

EPA Reg. No. 264-789

Produced for:
Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
PONCHO is registered a trademark of Bayer.
©2010 Bayer CropScience

Product of Germany

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.)

FOR ADDITIONAL PRECAUTIONARY STATEMENTS: See Inside Booklet.

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

©2010 Bayer CropScience
Product of Germany
FIRST AID

IF SWALLOWED:
• Immediately call a poison control center or doctor for treatment advice.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Have person sip a glass of water if able to swallow.
• Do not give anything by mouth to an unconscious person.

IF IN EYES:
• 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.
• Call a poison control center or doctor for treatment advice.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

CAUTION
HAZARD TO HUMANS AND DOMESTIC ANIMALS
Harmful if swallowed or absorbed through the skin. Avoid contact with skin or clothing. Wash hands 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, chemical-resistant gloves (such as nitrile, butyl, neoprene, barrier laminate, polyvinyl chloride or Viton) and shoes plus socks. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no 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. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This product is toxic to aquatic invertebrates. Contain any product spills or equipment leaks and dispose of wastes according to disposal instructions on this label. Do not contaminate water when disposing of equipment washwaters.

For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using this product.

For use by commercial treaters only. Not for use in agricultural establishments in hopper-box, slurry-box, or similar on farm seed treatment applicators used at planting. This product is to be used in commercial liquid or slurry treaters. Mix thoroughly before use or use entire container at one time.

All seed treated with this product must be conspicuously coloured at the time of treatment. This product contains no colorant. An appropriate 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.

STORAGE AND DISPOSAL

PESTICIDE STORAGE
Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry secured storage area.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL
2.5 gal
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. 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. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

30 gal and 260 gal
Non-refillable container. Do not reuse or refill this container. After emptying product from container, contact Bayer CropScience Customer Service Center (1-800-527-4781) with return authorization for container return instructions.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Offer for recycling, if available. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

SEED QUALITY AND STORAGE OF TREATED SEED
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 Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

LABELING OF TREATED SEED
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 clothianidin.
• Do not use treated seed for food, feed or oil processing.

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

- Store away from feeds and foodstuffs.
- 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 can not be used for edible oil or any other human/feed consumption.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- Dispose of all excess treated seed. Left over treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
- 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.
- For Field Corn, Popcorn: **Immediate Plant-back:** Cereal grains, Field corn, popcorn, sweet corn, rapeseed, canola, soybeans, root and tuber vegetable, **30-Day Plant-back:** Grasses, non-grass animal feeds, dry beans, **8-Month Plant-back:** Sugar cane, **12-Month Plant-back:** Any crops without an earlier plant-back interval.
- For Sweet corn, Canola, Rapeseed, and Sorghum: **Immediate Plant-back:** Cereal grains, Field corn, popcorn, sweet corn, rapeseed, soybeans, canola, sorghum, root and tuber vegetables, **30-Day Plant-back:** Grasses, non-grass animal feeds, dried beans, **4-Month Plant-back:** Any crop without an earlier plant-back interval.

<table>
<thead>
<tr>
<th>Crop Planted</th>
<th>Immediate Plant-back</th>
<th>30-Day Plant-back</th>
<th>4-Month Plant-back</th>
<th>8-Month Plant-back</th>
<th>12-Month Plant-back</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field corn, popcorn</td>
<td>Cereal grains, Field corn, popcorn, sweet corn, rapeseed, canola, soybeans, root and tuber vegetables</td>
<td>Grasses, non-grass animal feeds, dry beans</td>
<td>Sugar cane</td>
<td>Any crops without an earlier plant-back interval</td>
<td></td>
</tr>
<tr>
<td>Sweet corn, canola, rapeseed, sorghum</td>
<td>Cereal grains, Field corn, popcorn, sweet corn, rapeseed, soybeans, canola, sorghum root and tuber vegetables</td>
<td>Grasses, non-grass animal feeds, dried beans</td>
<td>Any crop without an earlier plant-back interval</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**USE INFORMATION**

Poncho® 600 is a systemic insecticide seed treatment for use on canola, rapeseed, corn and sorghum for the control of listed insects.

For use in commercially available equipment designed for seed treatment only. Not for use in hopper-box, slurry-box, or similar seed treatment applications used at planting. This product is to be used in liquid or slurry treaters. 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.

**For Early Season Protection Against Listed Insects:**

Poncho® 600 will aid in the protection of seeds and seedlings against injury by listed early season insects.
### APPLICATION RATES

<table>
<thead>
<tr>
<th>CROP</th>
<th>INSECT PESTS</th>
<th>RATE PONCHO 600</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mg a.i./Kernel</td>
</tr>
<tr>
<td>Field corn and popcorn</td>
<td>Corn rootworm (including Northern, Western, Southern and Mexican) Southern corn billbug</td>
<td>1.25</td>
</tr>
<tr>
<td>Corn (including field, sweet and pop)</td>
<td>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 (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) Sugarcane beetle White grub (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae) Thrips Wireworm</td>
<td>0.25 to 0.50</td>
</tr>
<tr>
<td>Canola/Rapeseed</td>
<td>Flea beetle Wireworm</td>
<td>3.84 fl oz per 100 lbs seed or 250 mL per 100 kg seed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.12 fl oz per 100 lbs seed or 333 mL per 100 kg seed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10.23 fl oz per 100 lbs seed or 666 mL per 100 kg seed</td>
</tr>
<tr>
<td>Sorghum*</td>
<td>Black granulate cutworm Aphid (including Greenbug, Yellow sugarcane aphid, Corn leaf aphid and English grain aphid) Chinch bugs White grubs Wireworms</td>
<td>5.1 to 6.4 fl oz per 100 lbs seed</td>
</tr>
</tbody>
</table>

1. Follow-up foliar sprays of a locally registered insecticide may be needed under heavy pest pressure. Consult your local Extension office for recommendations.
2. It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.

*Sorghum* Not registered for use in California.
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.

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.

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

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.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE’S ELECTION, THE REPLACEMENT OF PRODUCT.
**PONCHO® 600**

Poncho® 600 is a systemic insecticide seed treatment for use on canola, rapeseed, corn, and sorghum for the control of listed insect pests.

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

**ACTIVE INGREDIENT:** Clothianidin .......................... 48.0%

**OTHER INGREDIENTS:** .................................. 32.0%

Contains 5 lbs. active ingredient per gallon. TOTAL 100.0%

**EPA Reg. No.** 264-789

**KEEP OUT OF REACH OF CHILDREN**

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

**FOR ADDITIONAL PRECAUTIONARY STATEMENTS:** See attached booklet.

**PRODUCT USE:**

- **TRANSPORTATION:** For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.
- **STORAGE AND DISPOSAL:**
  - Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry secured storage area.
  - PESTICIDE DISPOSAL:
    - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
  - PESTICIDE STORAGE:
    - In a cool, dry secured storage area.

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed or absorbed through the skin. Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**FOR ADDITIONAL PRECAUTIONARY STATEMENTS:**

See attached label on:
- Personal Protective Equipment (PPE), User Safety Recommendations, and Environmental Hazards

**DIRECTIONS FOR USE:** See attached booklet.

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

Read entire label before using this product.

**STORAGE AND DISPOSAL**

**CONTAINER DISPOSAL**

- 2.5 gal Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) after use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

- 30 gal and 260 gal Non-refillable container. Do not reuse or refill this container. After emptying product from container, contact Bayer CropScience Customer Service Center (1-800-527-4781) with return authorization for container return instructions. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Offer for recycling, if available. Dispose of rinsed empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

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Pesticide Registration Data

Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

PONCHO is a registered trademark of Bayer.

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PONCHO BETA

Poncho Beta is a systemic insecticide seed treatment for use on sugar beet for the control of certain insect pests. All seed treated with this product must be conspicuously colored at the time of treatment.

ACTIVE INGREDIENTS:
Clothianidin................................................................................................................... 34.3%
beta-Cyfluthrin................................................................................................................ 4.6%

INERT INGREDIENTS:.............................................................................................................................. 61.1%

TOTAL: 100.0%
Contains 3.33 lb active per gallon (400 grams per liter) clothianidin and 0.44 lb active per gallon (53.3 grams per liter) beta-cyfluthrin.


KEEP OUT OF REACH OF CHILDREN

CAUTION

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.)

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

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

IF SWALLOWED:
• Immediately call a poison control center or doctor for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through the skin. Harmful if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, sock, shoes, and gloves. Remove and wash contaminated clothing before reuse. Wear appropriate protective clothing.

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.

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) and others exposed to the concentrate, and cleaners/repairers of seed treatment equipment must wear a long-sleeved shirt and long pants, chemical-resistant gloves (such as nitrile, butyl, neoprene, barrier laminate, polyvinyl chloride or Viton), shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Baggers and bag sewers must wear a long-sleeved shirt and long pants, shoes plus socks, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

NOTE: For all workers that handle all seed treatment steps like loading, treating, bagging and sewing/boxing, alone on a daily basis, the following additional PPE must be worn:
• Double layer clothing
A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14-G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R or P or HE prefilter.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Contain any product spills or equipment leaks and dispose of wastes according to disposal instructions on this label. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

Read entire label before using this product.

Intended for use by commercial treaters. Not for use in agricultural establishments in hopper-box, slurry-box, or similar on farm seed treatment applicators used at planting. This product is to be used in commercial liquid or slurry treaters. Mix thoroughly before use or use entire container at one time.

All seed treated with this product must be conspicuously colored at the time of treatment. This product contains no colorant. An appropriate 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.

STORAGE AND DISPOSAL

STORAGE
Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry secured storage area.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ⅓ full with water. Replace and tighten closure. 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FOR EARLY SEASON PROTECTION AGAINST CERTAIN INSECTS OF SUGAR BEET:

To provide early season protection of seeds and seedlings against injury by wireworm, cutworms, sugar beet leafhopper (including to reduce potential for spread of beet curly top virus due to the leafhopper vector), sugar beet leafminer, sugar beet root maggot, flea beetle, black bean aphid, and garden springtail, apply as a commercial seed treatment at a rate of 5.07 fluid ounces per unit of seed (a unit is 100,000 seed). Apply Poncho Beta to seed with a coating system that gives a minimum build-up of approximately 30% weight gain.

ROTATIONAL CROPS:

Treated areas may be replanted with any crop specified on both clothianidin and beta-cyfluthrin labels, or any crop for which a tolerance exists for both active ingredients, as soon as practical following the last application. Areas planted with treated seed may be replanted immediately with cotton, corn, sorghum, rapeseed and canola. These areas may also be replanted after 30 days with cereal grains, soybeans, dried beans and dried peas. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

LABELING OF TREATED SEED

Seed commercially treated with Poncho Beta must be labeled in compliance with the Federal Seed Act.

Seed commercially treated with Poncho Beta must be labeled or tagged as follows:

- This seed has been treated with Poncho Beta, which contains clothianidin and beta-cyfluthrin.
- Do not use treated seed for food, feed or oil processing.
• Store away from feeds and foodstuffs.
• Wear long-sleeved shirt, long pants and waterproof gloves when handling treated seed.
• Dispose of all excess treated seed. Left over treated seed may be double own around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
• Dispose of seed packaging in accordance with local requirements.
• Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
• Treated areas may be replanted with any crop specified on both clothianidin and cyfluthrin labels, or any crop for which a tolerance exists for both active ingredients, as soon as practical following the last application. Areas planted with treated seed may be replanted immediately with cotton, corn, sorghum, rapeseed and canola. These areas may also be replanted after 30 days with cereal grains, soybeans, dried beans dried peas. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

All seed treated with this product must be conspicuously colored at the time of treatment. This product contains no colorant. An appropriate 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.

**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.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE’S ELECTION, THE REPLACEMENT OF PRODUCT.

**NOTICE TO BUYER**

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

**NET CONTENTS:**

Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
1-866-99BAYER (1-866-992-2937)
http://www.bayercropscienceus.com

03/07/08
INOVATE™ Seed Protectant

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

Active Ingredients By Wt.
Clothianidin1 ........................................ 14.340%
Metalaxyl2 ........................................ 1.153%
Ipconazole3 ........................................ 0.720%

Other Ingredients .................................. 83.787%
Total .............................................. 100.000%

1 (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine
2 N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-DL-alaninate
3 2-[(4-chlorophenyl)methyl]-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl) cyclopentanol

INOVATE™ Seed Protectant contains 1.34 lbs Clothianidin per gallon, 0.108 lbs Metalaxyl per gallon, 0.0675 lbs Ipconazole per gallon.
EPA Reg. No. 59639-176 EPA Est. 7874-IL-1

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION
Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor.

FIRST AID

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

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 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: 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: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN
Treatment is supportive and symptomatic.

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

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and Viton. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
ENVIRONMENTAL HAZARDS
This product is toxic to 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 washwaters. Do not apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organism in neighboring areas. Apply this product only as specified on the label.

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

Metalaxyl has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Therefore, contain any product spills or equipment leaks and dispose of wastes according to the disposal instructions on this label.

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

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

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

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

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.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY, AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

ASSUMPTION OF RISK
The Buyer and User (referred to collectively herein as “Buyer”) of this product should be aware that there are inherent unintended risks associated with the use of this product, which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests to this product. Such risks of crop injury, non-performance, or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER. (continued)
Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY
Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law and as set forth above, Valent makes no other warranties, either expressed or implied.

LIMITATION OF LIABILITY
To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. To the fullest extent allowed by law, the exclusive remedy of the Buyer, and the exclusive maximum liability of Valent or Seller for any and all claims, losses, injuries or damages (including claims based on breach of warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use or handling of this product shall be the return of the purchase price of this product or, at the election of Valent or Seller, the replacement of the product.

PROMPT NOTICE OF CLAIM
To the extent consistent with applicable law allowing such requirements Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS
Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

COMMERCIAL TANK MIXES
NOTICE: Commercial tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the commercial tank mix with this product.

RESISTANCE MANAGEMENT
INOVATE Seed Protectant contains Clothianidin which is a neonicotinoid and a Group 4A insecticide. Insect biotypes with acquired resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by INOVATE Seed Protectant or other Group 4A insecticides. Valent U.S.A. Corporation strives to maintain strong stewardship of this product by recommending that its use be coordinated in a planned resistance management strategy program established for the specific crop and area.

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

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

INOVATE Seed Protectant must be used only in accordance with specifications on this label utilizing commercial liquid or commercial slurry seed treatment equipment to secure proper application. Always mix product thoroughly before use. Not for use in hopper box, planter box, slurry box or other on-farm seed treatment applications.

Regardless of type of application (seed treatment or foliar) do not apply more than 0.2 lbs of active ingredient clothianidin per acre per season.

As stated by regulations specified in 40 CFR 153.155, all seed treated with INOVATE Seed Protectant must be colored with an EPA-approved dye or colorant to visually distinguish seed is treated with a pesticide. It is mandatory that such dye or colorant be added into the slurry mixture containing INOVATE Seed Protectant, prior to application through commercial seed treatment equipment. This regulation is necessary to prevent treated seed from accidental use as a food for man or feed for animals.

Seed Quality And Storage Of Treated Seed

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

PRODUCT INFORMATION

INOVATE Seed Protectant (containing clothianidin, metalaxyl and ipconazole) is a fungicide and insecticide seed treatment product offering both contact and systemic activity in providing broad spectrum seed and seedling protection against seedling diseases, soil insects and early-season foliar insects of soybean. The fungicide components in INOVATE Seed Protectant are effective for control of Pythium, Fusarium and Rhizoctonia solani. It is also effective against seed-borne Phomopsis, seed-borne Sclerotinia and seed rot fungi such as Aspergillus and Penicillium.

Clothianidin, the insecticide contained in INOVATE Seed Protectant, provides protection against aphids, bean leaf beetle, grape colaspis, leafhoppers, pea leaf weevil, seed corn maggot, three cornered alfalfa hopper, thrips, white grubs, and wireworm. Seed should be sound and well-cured before treatment.

Accurate application of INOVATE Seed Protectant to seed is required for control of listed pests. Application to seed by commercial seed treatment equipment utilizing standard liquid or slurry treaters, is necessary. Mix INOVATE Seed Protectant prior to application. Do not agitate or stir INOVATE Seed Protectant while treating seed. INOVATE Seed Protectant may be applied direct to soybean seed without adding water.

Tank Mix Information for Added Phytophthora Protection

INOVATE Seed Protectant provides control of Pythium and early protection against Phytophthora. However, if the target field has a history of high Phytophthora pressure, INOVATE Seed Protectant may be tank mixed with a metalaxyl or mefenoxam-containing product for increased protection against Phytophthora. Consult your Valent U.S.A. Corporation representative for information regarding additional rates of metalaxyl or mefenoxam for Phytophthora protection.

Pre-test tank mixes with other seed treatment products to verify formulation compatibility and to assure proper physical compatibility of products. Be aware of limitations or cautions documented on labels of all products used in a seed treatment mixture.

SEED BAG TAG

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

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

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

- Regardless of the type of application (seed treatment or foliar), do not apply more than a total of 0.2 lb (90.7 gram) clothianidin (active ingredient) per acre per season. (Based on the seed size of 3000 seeds/lb, at the label rate, the mg of clothianidin will be equal to 0.075 mg/seed).
- Store away from feeds and other foodstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves such as natural rubber ≥ 14 mils, barrier laminate, butyl rubber, nitrile rubber, neoprene rubber or Viton when handling treated seed.
- Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
• The compound is toxic to birds and mammals. Treated clothianidin seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect seeds spilled during loading.
• Treated seeds must be planted at a minimum depth of 1 inch.
• This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.
• This product contains metalaxyl that is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
• Do not graze or feed soybean forage and hay to livestock.
• Areas planted with treated seed of soybean may be replanted immediately with bulb vegetables, canola, cereal grains (except rice), cotton, corn (field, pop and sweet), fruiting vegetables (including cucurbits), leafy vegetables (including brassica vegetables), rapeseed, root and tuber vegetables and soybean. These areas may also be replanted after 30 days with dry beans, grasses, non-grass animal feeds and rice. These areas may also be replanted after 8 months with sugarcane. Do not plant any other crop in the treated area for at least one year after these treated seeds are planted.
• After seeds have been planted, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: Once seeds are planted and covered by soil or other planting media, the Worker Protection Standard (WPS) allows workers to enter the treated area without restriction.
• Do not re-use bags from treated seed to handle food or feed products.
• Do not use augers used for handling treated seed to move seed for feed, food or oil processing.

### SOYBEAN

<table>
<thead>
<tr>
<th>Seed/Seedling Diseases</th>
<th>Insect Pests</th>
<th><strong>INOVATE</strong> Seed Protectant Use Rates</th>
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<tbody>
<tr>
<td></td>
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<td>fl oz/100 lbs seed</td>
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<tr>
<td>Seed Rots (including seed-borne Phomopsis)</td>
<td>Aphids, Bean Leaf Beetle, Grape, Colaspis, Leafhoppers, Pea Leaf Weevil, Seed Corn Maggot, Three Cornered Alfalfa Hopper, Thrips, White Grubs, Wireworm</td>
<td>4.74</td>
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<tr>
<td>seed-borne Sclerotinia</td>
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<tr>
<td>seed-borne Fusarium, Penicillium and Aspergillus</td>
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<tr>
<td>Damping Off and Seedling Blights (soil-borne Pythium, Fusarium, and Rhizoctonia solani)</td>
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• Foliar spray of clothianidin can be applied 45 days after planting **INOVATE** Seed Protectant treated soybean seeds for mid-to-late season foliar insects.
• Regardless of type of application (seed treatment or foliar), do not apply more than a total of 0.2 lb (90.7 gram) active ingredient clothianidin per acre per season.
• Do not graze or feed soybean forage and hay to livestock.

1 mg active ingredient per seed is based on 3000 seeds per pound.
STORAGE AND DISPOSAL

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

PESTICIDE STORAGE
Store in a dry place away from excessive heat.
Do not store near food or feed.
Store in original container only.
To close package, replace and tighten cap to form an airtight seal.

PESTICIDE DISPOSAL
Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING
Nonrefillable container. Do not reuse or refill the container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 60 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available; otherwise dispose of in a sanitary landfill or incineration.

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

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Form 1820-A
EPA Reg. No. 59639-176
EPA Est. 7874-IL-01

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.
Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).