Seed Treatment

Active Ingredients:
- Imidacloprid (1-[6-chloro-3-pyridinyl]methyl)-N-nitro-2-imidazolidinimine ........................................ 1.384%
- Tolclofos-methyl (2-[(4-chlorophenyl)methyl]-1H,1,2,4-tetrazole-1-ethanol) ........................................ 0.415%
- Methoxyfenozide (N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester) .......................... 0.565%
- Imazalil (1-(2-(2,4-dichlorophenyl)-2-(2-propenyl)oxy)ethyl)-1H imidazole ........................................ 0.985%
Inert Ingredients: ........................................................................................................................................... 96.876%

Total: 100.000%

EPA Reg. No. 264-997

Keep Out of Reach of Children

Caution

For product use information call 1-866-998-BAYER (1-866-992-2937)
For medical and transportation emergencies only call 24 hours a day 1-800-334-7577

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

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 eye.
• Call a poison control center or doctor for treatment advice.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7077.
Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

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.

All handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves (such as nitrile rubber ≥ 14 mils, butyl rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, barrier laminate ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils and Vinyl ≥ 14 mils), except for bag sewers and planters, and chemical-resistant apron when mixing/loading, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

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

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothes. 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. Users should remove clothing/PPE immediately after handling this product. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS
This product is highly toxic to birds and aquatic invertebrates and toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Exposed treated seeds may be hazardous to birds. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Do not contaminate water when disposing of equipment washwaters or rinsates.

Groundwater Advisory: Metamex is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas whose soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Apply this product only as specified on this label.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty containers.

PESTICIDE STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool dry location. Protect from excessive heat.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: Contact Bayer CropScience or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent), 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.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 190. 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 intervals. 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 48 hours. Exception: Once the seeds are planted in soil or after planting media, workers may enter the treated area without restriction if there will be no contact with the soil/media subsurface. Personal protective equipment required for early entry to treated areas that involve contact with anything that has been treated is: coveralls, shoes plus socks, chemical-resistant gloves made of any waterproof material, and protective eyewear.

SEED LABELING
Seed that has been treated with this product that is packaged or bagged for future use must contain the following labeling:
"This bag contains seed treated with Imidacloprid, Tebuconazole, Metakarb, and Imidacloprid. When opening this bag or loading/pouring the treated seed, wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. Treated Seed. Do Not Use for Food, Feed, or Oil Purposes.
Cover or collect spilled seeds. Do not graze or feed livestock on treated areas for 45 days after planting.
Store away from foods and foodstuffs."

NOTE: Use with an EPA-approved dye that imparts an unnatural color to the treated seed.

PRODUCT INFORMATION
RAVUL MD EXTRA W is a combination of the insecticide, imidacloprid and the systemic fungicides, tebuconazole, metalaxyl and imazalil that aid in the control or suppression of the following seed, seedling and soilborne diseases of wheat, barley and triticale: stinking smut, flag smut, loose smut, early season Septoria disease complex, general seed rot, Pythium damping-off, early season Rhizoctonia root rot, early season common root rot, septoria Fusarium seed blight, early season Fusarium foot rot, early season suppression of powdery mildew and rust. Imidacloprid offers suppression of wireworm activity on seed and young seedlings.

APPLICATION DIRECTIONS
Wheat, Barley, Triticale: Use 5.14 fluid ounces of RAVUL MD EXTRA W per 100 pounds of seed. Applications should be made using standard slurry or mist-type seed treatment equipment. In some cases, a water and chemical slurry dilution may enhance coverage. A 1-part OASE, MD EXTRA W with 1-part water dilution may be used. This product is for commercial or on farm application. Do not use for direct at plant applications into planter or hopper boxes. Uniform application to seed is necessary to ensure seed safety and best pest control. Seed should be sound and well cured prior to treatment. Consult your area agronomist regarding planting depth recommendations for the particular variety to be planted.
ROTATIONAL CROPS: Areas planted with these treated seeds may be replanted with wheat, barley, and triticales immediately. The following plant-back intervals must be observed for listed crops.

<table>
<thead>
<tr>
<th>ROTATIONAL PLANT-BACK INTERVALS*</th>
<th>30-DAY PLANT-BACK</th>
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<tbody>
<tr>
<td><strong>IMMEDIATE PLANT-BACK</strong></td>
<td><strong>30-DAY PLANT-BACK</strong></td>
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<tr>
<td>Artichoke</td>
<td>Sugar beet</td>
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<tr>
<td>Barley</td>
<td>Tomato</td>
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<tr>
<td>Brassica (cole) (or) lety veg.</td>
<td>Triticale</td>
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<tr>
<td>Canola</td>
<td>Turnip greens</td>
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<tr>
<td>Cilantro</td>
<td>Veg. Root and</td>
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<tr>
<td>Corn, Field</td>
<td>Tubber</td>
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<tr>
<td>Corn, Sweet</td>
<td>Watercress</td>
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<tr>
<td>Cotton</td>
<td>Wheat</td>
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<td>Cranberry</td>
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<td>Cucurbits</td>
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<td>Eggplant</td>
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<td>Ground cherry</td>
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<td>Leaf petiole veg.</td>
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<tr>
<td>Lenty veg.</td>
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<tr>
<td>Legume veg. (succulent or dried)</td>
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<td>Mustard seed</td>
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<td>Peppers</td>
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<td>Brassed</td>
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<td>Soybean</td>
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<td>Strawberry</td>
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</table>

* Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.

* All other crops not listed on this label, or for crops for which no tolerance for the active ingredient have been established, a 12-month plant-back interval should be observed.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If items 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. Trust 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. To the extent allowed by law, all such risks shall be assumed by the user or buyer.

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