1/14



EPA Reg. Number:

Date of Issuance

12-22-0

80289-5

Term of Issuance:

Conditional

Name of Pesticide Product:

IR5878 50 WG

U.S. ENVIRONMENTAL PROTECTION AGENC

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:

<u>X</u> Registration

\_\_ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include 2IP Code):

Isagro S.p.A. Centro Uffici San Siro-Edificio d-ala 3 Via Caldera, 21-20153 Milan, Italy

Mate: Changes in Labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce and any correspondence on this product always refer to the above EPA registration number:

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

# This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided you agree in writing to:

- 1. Submit the results of the one year storage stability and corrosion characteristics studies.
- 2. Submit an analytical reference standard to the National Pesticide Standards Repository.
- 3. For the submitted goat metabolism study (MRIDs 46578962 and 46578963), the registrant needs to provide the dates of sample extraction, initial TLC analysis, and metabolite identification analyses in order to determine sample storage intervals. If the initial quantitative TLC analyses were conducted within 6 months of sample collection, then supporting storage stability data will not be required to support the additional analyses for metabolite identification in goat matrices.
- 4. Submit radiovalidation data (using samples from the rice metabolism study) for the method chosen for tolerance enforcement purposes. A confirmatory method or method specificity data may also be needed. If the LC/MS/MS method (Report ISA-0102V) is proposed for tolerance enforcement, a separate confirmatory method would not be required if analyte identification is confirmed by analyzing sample extracts using LC/MS/MS and

demonstrating that the ion ratios for the two MS/MS ion transitions acquired during analysis agree with the average ion ratios obtained from the calibration standards.

5. Follow specific directions for each multiresidue method used by FDA published in that Agency's Pesticide Analytical Manual, Vol. I (PAM Vol. I) and provide recovery data for orthosulfamuron through these methods.

James Pompkins, Product Manager (25)
Herbicide Branch, Registration Division (7505P)

Date:

2-22-07

EPA Form 8570-6

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records. If you have any questions please contact Erik Kraft at 703-308-9358.

# IR5878 50 WG

[ABN: STRADA™ WG]

ACCEPTED with COMMENTS in EPA Letter Dated

2-22-01

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

80289-5

**ACTIVE INGREDIENT:** 

 Orthosulfamuron
 50.0%

 OTHER INGREDIENTS
 50.0%

 TOTAL
 100.0%

For use as an herbicide to control weeds in rice.

# KEEP OUT OF REACH OF CHILDREN

## **CAUTION**

FIRST AID				
If swallowed:	Call 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 do so by the poison control center or doctor.			
	Do not give anything by mouth to an unconscious person.			
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 further treatment advice.			
If inhaled:	Move person to fresh air.			
	• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.			
	Call a poison control center or doctor for further treatment advice.			
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 further treatment advice.			

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

For Chemical Emergency Spill Leak Fire Exposure or Accident Call CHEMTREC Day or Night Domestic North America 800-424-9300 International 703-527-3883 (collect calls accepted)

[See (back)(side) panel for precautionary statements] EPA Registration Number 80289-



EPA Establishment Number	
Net Contents:	

Manufactured by Isagro SpA for: Isagro USA, Inc 430 Davis Drive, Suite 240 Morrisville, NC 27560

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION/PRECAUCION

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

Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray.

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear the following:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Protective eyewear

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. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash skin thoroughly and put on clean clothing.

Engineering Controls: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### ENVIRONMENTAL HAZARDS

With the exception of treating rice fields as specified in this label, 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 arable land and/or water when disposing of equipment wash water or rinsate.

## IMPORTANT.

Injury to or loss of desirable trees, vegetation and/or adjacent sensitive crops may result from failure to observe the following:

Avoid all direct or indirect contact with crops other than rice or land scheduled to be planted with crops other than rice due to the potential for sensitivity to the active ingredient in IR5878 50 WG.

## **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. Use strictly in accordance with Precautionary Statement and Directions, and with applicable State and Federal regulations.

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

# AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling, and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves, (made of any waterproof material), protective eyewear, and shoes plus socks.

## **GENERAL INFORMATION**

IR5878 50 WG is a systemic herbicide formulated as a water dispersible granule suitable for selective postemergence weed control. When applied according to label directions it is effective in the control of several annual and perennial broadleaf weeds and sedges.

To achieve the best control it is recommended that IR5878 50 WG be applied to young emerging and actively growing weeds. This stage usually corresponds to a rice growth stage between 2 and 4 leaves. IR5878 50 WG should be mixed with water at the appropriate rates and applied as a spray via ground or air application to wet-seeded or dry-seeded rice.

The efficacy may depend on the following parameters:

- Weed size at application
- Growing and environmental conditions (relative humidity and temperature) at and following treatment

- Soil pH, texture and organic matter content
- Water management

IR5878 50 WG is a member of the sulfonylurea herbicides.

IR5878 50 WG inhibits the plant enzyme acetolactate synthase, which is also known as acetohydroxy acid synthase (ALS/AHAS). Inhibition of this enzyme blocks branched-chain amino acid biosynthesis of valine, leucine and isoleucine involved in plant growth processes leading to the death of the plant.

IR5878 50 WG is particularly efficient by foliar application.

The product is translocated by xylem and phloem. Soon after IR5878 50 WG is applied, growth of susceptible weeds is inhibited and the plants are no longer competitive with rice. Typically, weed leaves turn yellow, then reddish and within 10 to 20 days, depending on weed size, species and growing conditions, the stem and roots die.

Sometimes treated plants stay green but are stunted and not competitive with the crop. Only one application per year is allowed.

#### Additional Use Instructions and Precautions

- Rainfast within 6 hours
- Do not apply after ½ inch internode elongation
- Do not enter treated fields until 12 hours after application
- Use of an approved agricultural surfactant or adjuvant is necessary for IR5878 50 WG
- Poor weed control may result from application of IR5878 50 WG made to plants under stress from abnormally hot or cold weather; environmental conditions such as drought, hail damage, hydrogen sulphide or prior herbicide applications
- Do not apply where runoff or irrigation water may flow directly onto agricultural land other than rice fields
- Do not apply IR5878 50 WG directly to crops other than rice
- Application of IR5878 50 WG to fields which have been levelled (except water levelling) within 12 months prior to application may result in rice injury in areas that have been cut or filled
- Do not make more than 1 application or apply more than 2.1 ounces of IR5878 50 WG per acre (equivalent to 0.067 lb ai/a) during the growing season in both the first and ration crops combined
- Do not allow tank mixtures containing IR5878 50 WG to sit overnight
- Chemigation or applications through any type of irrigation system is not allowed

## **Mixing Instructions**

Dilution Information IR5878 50 WG alone:

Apply IR5878 50 WG in a minimum of 10 gallons of water per acre for ground application and a minimum of 5 gallons of water per acre for aerial application. Fill the spray tank to about three-fourths of desired volume with clear water. Add the recommended amount of IR5878 50 WG and complete the filling process while maintaining agitation until the product is fully dispersed.

## IR5878 50 WG Tank mixtures

IR5878 50 WG fits well with weed management programs. Tank mix or sequential application with commonly used herbicides registered for use on rice is suggested to complete the weed spectrum, especially versus grass weeds.

Tank mixture compatibility testing: Before tank mixing IR5878 50 WG with other pesticides or materials, it is recommended that a compatibility or jar test be performed. In order to perform the compatibility test, the relative proportions of the materials being considered for tank mixture should be added to a clear quart jar. After addition to the jar, invert or shake the jar numerous times to ensure complete mixing then observe the jar for at least one-half hour. If precipitates (sludges, layers, flakes, balls, etc.) form the tank mixture combination is not compatible and should not be used.

# Order of mixing:

- 1. Fill the tank at least one-third full of water and begin agitation
- 2. Add materials in the following order: IR5878 50 WG, dry flowables (DF), wettable powders (WP), aqueous suspensions (AS), flowables (F), and liquids (L)
- 3. Allow each material to completely disperse before adding the next material
- 4. While continuing agitation, fill the tank to three-fourths full
- 5. Add any solution (S) formulations and surfactants
- 6. Bring the tank to final volume
- 7. Maintain agitation during the filling process and until the application is complete. If agitation and application are stopped, suspended materials may settle out to the bottom of the tank. It is very important to resuspend all materials in the tank before applications are resumed. Sparger-type agitators are useful for these circumstances. Tank mixtures should not be allowed to remain in the spray tank overnight

Refer to the companion herbicide label(s) for all applicable use directions, restrictions (including any water-holding requirements), and precautions. Read and follow the entire label of each product to be used in the tank mixture with this product.

Tank mixtures should not be applied if the crop is under severe stress due to drought, water saturated soils, poor fertility (especially low nitrogen levels), hail, frost, insects or when the maximum daytime temperature is above 92°F. Tank mix applications under these conditions may cause temporary crop injury.

## Adjuvants

To improve IR5878 50 WG performance an addition of organo siliconic or nonionic surfactant at the rate of 0.125 and 0.25 % v/v (0.5-1 quart per 100 gallons of spray solution volume), respectively, is recommended.

## APPLICATION INFORMATION

#### Use Rate

IR5878 50 WG: 1.7 - 2.1 ounces per acre per year.

The lowest rate is intended for use of this product in tank mixture with other compounds effective on the same weeds and/or with low-medium weed infestation of annual weeds. The highest rate is intended for use of the product alone for the target weeds listed above and/or when in presence of high weed infestation.

# **Application Timing**

To achieve the best weed control it is recommended that IR5878 50 WG be applied to young emerging and actively growing weeds, between 1 and 4 leaves. This stage usually corresponds to a rice growth stage between 2 and 4 leaves.

For dry-seeded rice, IR5878 50 WG can be applied from early-post emergence to pre-flood.

For water-seeded rice, IR5878 50 WG can be applied from early-post emergence to middle-late post emergence.

Due to the selectivity for use on rice, IR5878 50 WG can be applied at very early stages of the crop. Occasionally, in the presence of very high temperatures transient symptoms of chlorosis and reduction in vigor may appear on rice, but the crop recovers within a few days without any adverse effect on yield.

In California use the "Pin-point" Water Seeding System. Recommended timing is 2 to 3 leaf stage rice.

## Water Management

Before IR5878 50 WG application to water seeded rice, water level in the rice field must be lowered to allow the uptake of the product by the leaves. It is recommended that the field be drained the day before the application and re-flooded 24-48 hours after application.

If the soil is allowed to dry after application, a reduction in efficacy and weed re-growth may occur. If the field cannot be drained before application, the water level must be reduced so that at least 70% of the weed plant surfaces are above the floodwater. Bring the field to normal flood level 2 to 3 days after application.

Do not apply this product through any type of irrigation system.

# Spray Drift Management

Avoiding spray drift is the responsibility of the applicator. The interaction of weather related factors and equipment determine the potential for spray drift. Application should only be made when there is little or no hazard of spray drift. The applicator, crop consultant, and/or grower are responsible for considering all factors when determining whether or not to apply this product. Avoid all direct or indirect contact with non-target plants. Do not apply directly to or near desirable vegetation. Allow an adequate distance between target application area and desirable plants to minimize any potential exposure.

Sensitive Areas: Pesticides should only be applied when the potential for spray drift to adjacent sensitive non-target areas (e.g., residential areas, known habitat for threatened or endangered plant species, bodies of water, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas). Avoid disturbing (e.g. cultivation) treated areas for at least 7 days following application.

Sensitive Crops: For cotton, aerial applications shall not be made closer than 4 miles to the crop. Ground applications shall not be closer than 1 mile from sensitive crops, unless wind direction during the ground application is away from sensitive crops. When wind direction during the ground application is away from sensitive crops, ground applications shall not be made closer to 0.5 miles from sensitive crops.

The following drift management requirements must be followed to avoid off-target spray drift movement from aerial applications:

- 1. The distance between the outer most nozzles on the boom must not exceed 70% of the wingspan of fixed-wing aircraft or 80% of the helicopter rotor width
- 2. Nozzle set up must use a coarse spray quality category per ASAE S-572 Standard

States that have more stringent spráy drift regulations must be followed.

The applicator should be familiar with and take into account the information covered in the Aerial Spray Drift Reduction Section. In general, the best spray drift management strategy is to apply the largest droplets that provide sufficient coverage and control.

# **Endangered Species**

If endangered plant species occur in the proximity of the application site, the following mitigation measure is required to avoid adverse nontarget effects:

• Leave untreated downwind buffer zones of 25 feet for ground applications or 200 feet for aerial applications

To determine whether your county has an endangered terrestrial plant species, consult http://www.epa.gov/espp/usa-map.htm. Endangered Species Bulletins may also be obtained from state or county extension offices or state pesticide agencies. If the bulletin is not available for your specific area, check with the appropriate local state agency to determine if known populations or terrestrial endangered plants occur in the area to be treated.

# Resistance Management

The mode of action (MOA) of IR5878 50 WG is via the inhibition of the acetolactate synthase (ALS) inhibiting enzyme. The repeated use of herbicides with the same mode of action may result in the emergence of weed species biotypes that are resistant to that mode of action or family of herbicides. Resistance may develop in a number of ways such as altered target site sensitivity, enhanced metabolism, or altered plant characteristics that affect the absorption and translocation of the herbicide to the site of action.

IR5878 50 WG and other pesticides should be incorporated into an Integrated Pest Management (IPM) program that can include the use of cultural, biological, and other chemical practices to prevent economical pest damage. Effective IPM practices include the use of weed free seed, proper scouting and identification of weeds within each field or paddy, optimum water management (adequate soil moisture at the time of application and maintaining the permanent flood), pesticide treatment at the appropriate target stage, crop rotation, and mechanical weed control when appropriate. This list in not inclusive and should be used in conjunction with other practices to further prevent resistance development.

To delay or avoid resistance, any or all of the following practices are recommended:

- 1. Always apply IR5878 50 WG at a minimum of 1.7 oz formulated product per acre
- 2. Avoid following an ALS-inhibiting herbicide application with another herbicide application of the same mode of action unless in tank mixture with a product with a different mode of action
- 3. The use of ALS herbicides in consecutive years should be done in conjunction with herbicides containing other modes of action
- 4. Monitor escaped weeds and control them before they can produce seed
- 5. Contact and follow local extension and/or consultant recommendations relative to resistance management
- 6. Do not apply STRADA 0.5 GR to the same field in the same year with an application of IR5878 50 WG

## **Aerial Spray Drift Reduction Section**

Spray Droplet Size: For ASAE S-572 Standard compliance, see nozzle manufacturer catalogs, NAAA booklet, USDA literature, or website http://apmru.usda.gov/ for nozzle and application conditions. The best drift management strategy is to apply the largest droplets that provide sufficient plant coverage and pest control. Larger droplets reduce drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

## **Spray Droplet Size Control:**

- **Volume** Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets.
- Number of Nozzles Use the minimum number of nozzles that provide uniform coverage.

- Nozzle Orientation Orienting nozzles so that the spray is released parallel to the air stream produces larger droplets than any other orientations and is the recommended practice.
- Nozzle Type Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles orientated straight back produce the largest droplets and the lowest drift.

**Boom Length:** Reducing the effective overall boom length to 70% of the wingspan of fixedwing aircraft or 80% of a helicopter rotor width may further reduce drift without reducing swath width.

**Application Height:** Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Make applications at the lowest height that is safe, reduces exposure of droplets to evaporation and wind.

**Application Swath Adjustment**: When applications are made with a crosswind, the swath will be displaced downwind. Therefore, the applicator must compensate for this displacement by adjusting the path of the aircraft or boom on-off. Swath adjustment distances should increase, with increasing drift potential (higher wind, height, smaller drops, etc.).

Wind: Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. Application is not allowed when wind speeds exceed 10 mph due to risk of direct drift to nontarget sensitive crops or locations. Note: Wind patterns can be affected by local terrain. All applicators must be familiar with local wind patterns and how they affect spray drift. Note: Follow State and local regulations with regard to minimum and maximum wind speeds during aerial application, as they may be more restrictive. Applicators should be familiar with State and local regulations.

**Temperature and Humidity:** Applications made during periods of low relative humidity require set-up of equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is typically greatest when conditions are both hot and dry.

Surface Temperature Inversion: Do not apply this product during a local, low level temperature inversion because drift potential is high. Small droplets can be transported in unpredictable directions due to the light and variable winds common during temperature inversions. Temperature inversions are typically characterized by temperatures that increase with altitude and they are common on nights with limited cloud cover and light to no wind. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

## **Rotational Crop Information**

Use the time intervals listed below to determine the minimum required time interval between last IR5878 50 WG application and new crop planting.

Rotational Crop Guideline
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Crop	Time Interval in Months Before Planting	
Sugarcane	1	
Corn (all)	3	
Small Grains	3	
Cotton	6	
Soybean	6	
All Other Crops	12	

# IR5878 50 WG Spectrum

W	Rate of Application	
Common name	Scientific name	
Sesbania, Hemp	Sesbania exaltata	
Sida, Prickly	Sida spinosa	
Morningglory spp.	Ipomoea spp.	,
Jointvetch spp.	Aeschynomene spp.	
Smartweed spp.	Polygonum spp.	
Eclipta	Eclipta prostrata	
Redstem *	Ammannia auriculata *	
Purple ammannia *	Ammannia coccinea *	
Waterplantain spp. (seedling) *	Alisma spp. *	IR5878 50 WG
Waterhyssop spp.	Bacopa spp.	1.7 - 2.1 Ounces/Acre
Ducksalad *	Heteranthera limosa *	
Arrowhead *	Sagittaria spp. *	
Monochoria	Monochoria vaginalis	
Falsepimpernel spp.	Lindernia spp.	
Gooseweed	Sphenoclea zeylanica	
Flatsedge, Rice	Cyperus iria	
Smallflower umbrella sedge *	Cyperus difformis *	·
Yellow nutsedge **	Cyperus esculentus **	
Ricefield bulrush *	Schoenoplectus mucronatus *	
Weeds Partially Controlled or Suppressed ***		Rate of Application
Alligatorweed	Alternanthera philoxeroides	
Texas or Mexicanweed	Alternanthera philoxeroides	IR5878 50 WG
watergrass, early*	Echinochloa oryzoides	2.1 Ounces/Acre
watergrass, late*	Echinochloa phyllopogon	

<sup>\*</sup> IR5878 50 WG does not control ALS resistant biotypes of this weed, which might be present in the field.

Notes: Weeds with gradual and late emergence (like Redstem) may escape an early herbicide application. As previously mentioned, optimum weed control is generally obtained when applications are made to young (less than 4-leaf) weeds that are actively growing.

<sup>\*\*</sup> An earlier treatment is suggested to prevent nutsedge from competing with the crop. An additional herbicide application may be needed for effective control of heavy infestations.

<sup>\*\*\*</sup>Control of suppressed weeds may be significantly improved using tank mixtures.

## STORAGE AND DISPOSAL

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

Pesticide Storage: Store under well-vented, cool and dry storage conditions. Do

not store under moist conditions.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed

of on site or at an approved waste disposal facility.

Container Disposal: Empty the package completely and triple rinse (or equivalent)

them with water to be used for application, then dispose of the empty container according to state and local regulations. Place in trash or offer for recycling if available or return it to the

Seller, or, if allowed by state and local authorities, by burning.

If burned stay out of smoke.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire label before using this product, including this Limitation of Warranty and Liability.

If the terms are not acceptable, return the product at once unopened for a refund of the purchase price.

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Directions for Use, subject to the inherent risks described below, when used in accordance with the Directions for Use under normal conditions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ISAGRO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Buyers and Users of this product must be aware that there are inherent unintended risks associated to the use of this product, independent from the control of Isagro. These risks include, but are not limited to, weather conditions, soil factors, moisture conditions, diseases, irrigation practices, condition of the crop at the time of application, materials which are present in the tank mix with this product or prior to the application of it, cultural practices or the manner of use or application, all risks which are impossible to eliminate. The Buyers and Users should be aware that these factors may cause: ineffectiveness of the product, reduction of harvested yield of the crop (entirely or partially), crop injury or injury to non-target crops or plants or to rotational crops caused by carryover in the soil, resistance of the target weeds to this product. Therefore additional care, treatment and expense are required to take the crop to harvest.

If the Buyer does not agree with the acceptance of these risks, then THE PRODUCT SHOULD NOT BE APPLIED. To the extent consistent with applicable law, by applying this product the Buyer

acknowledges and accepts these inherent unintended risks and AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

To the extent consistent with applicable law, in no event shall ISAGRO or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product (including claims based in contract, negligence, strict liability, other tort or otherwise). To the extent consistent with applicable law, the exclusive remedy of the User or Buyer and the exclusive Liability of Isagro or Seller shall be the return of the purchase price of the product, or at the election of Isagro or Seller, the replacement of the product.

To the extent consistent with applicable law, this Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company.

Isagro or its Seller must have prompt notice of any claim so that an immediate inspection of Buyer's or User's can be made. To the extent consistent with applicable law, if Buyer and User do not notify Isagro or Seller of any claims, in proper time, it shall be barred from obtaining any remedy.

To the extent consistent with applicable law, Buyers and Users are deemed to have accepted the terms of this Limitation of Warranty and Liability, which may not be modified by any verbal or written agreement.

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