



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 26, 2020

JACOB S. MOORE  
FEDERAL REGULATORY MANAGER  
MAKHTESHIM AGAN OF NORTH AMERICA  
(D/B/A ADAMA)  
3120 HIGHWOODS BLVD., SUITE 100  
RALEIGH, NC 27604

Subject: Label Amendment – Incorporate registration review changes & update directions for use.  
Product Name: POSTSCRIPT  
EPA Registration Number: 66222-271  
Application Date: 02/05/2020  
Decision Number: 560264

Dear Mr. Moore:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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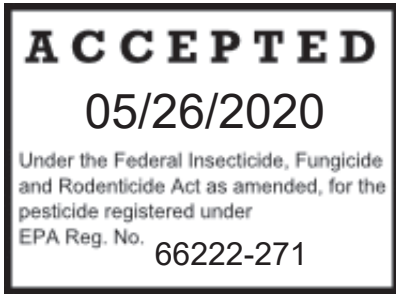
Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Francisco Llarena-Arias by phone at 703-347-0459, or via email at [llarena-arias.francisco@epa.gov](mailto:llarena-arias.francisco@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is written in a cursive style with a large, sweeping initial "E".

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



Imazamox	Group	2	Herbicide
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**POSTSCRIPT™**

**Herbicide for FullPage™ Rice Cropping Solution**

**FOR USE ONLY ON FULLPAGE™ RICE VARIETIES AND HYBRIDS (NOT LESS THAN 75% HYBRID SEED)**

**ACTIVE INGREDIENT:**

Ammonium salt of imazamox: 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-(methoxymethyl)-3-pyridinecarboxylic acid\* .....12.1%

**OTHER INGREDIENTS:** .....87.9%

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

\*Equivalent to 11.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-methoxymethyl)-3-pyridinecarboxylic acid  
 1 gallon contains 1.0 pound of active ingredient as the free acid.

**EPA Reg. No. 66222-271**

**EPA Est. No.**

**MANUFACTURED FOR:**

Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
 3120 Highwoods Blvd, Suite 100  
 Raleigh, NC 27604

**NET CONTENTS:** \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en details. (If you **DO NOT** understand this label, find someone to explain it to you in detail.)

FIRST AID	
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth to mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-877-250-9291 for emergency medical treatment.	

In case of spills, fire, leaks or accident, call 1-800-535-5053.

**Optional Text for Label Booklet: [For additional precautionary, handling, and use statements, see inside of this booklet.]**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber >14 mils, nitrile rubber > 14 mils, neoprene rubber > 14 mils, natural rubber (includes natural rubber blends and laminates) >14 mils, polyethylene, polyvinyl chloride (PVC) > 14 mils, or Viton > 14 mils
- Shoes plus socks

Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash thoroughly with soap and water after handling and 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**

**DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark except as directed in this label.

**Groundwater Advisory**

This chemical has properties and characteristics associated with chemical detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory**

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of imazethapyr ammonium salt from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

**Non-target Organism Advisory:**

This pesticide is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions to minimize spray drift. Off-site movement from spray drift, volatilization, and runoff may be hazardous to neighboring crops and vegetative habitat utilized for food and cover by wildlife and aquatic organisms. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

### PHYSICAL OR CHEMICAL HAZARDS

**DO NOT** allow contact with oxidizing agents, hazardous chemical reaction may occur.

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of pesticide application.

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

### 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 4 hours.

EXCEPTION: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is;

- Coveralls
- Chemical-resistant gloves such as barrier laminate, butyl rubbers 14 mils, nitrile rubbers 14 mils, neoprene rubber >14 mils, natural rubber (includes natural rubber blends and laminates) >14 mils, polyethylene, polyvinyl chloride (PVC) > 14 mils, or Viton > 14 mils
- Shoes plus socks.

Ensure spray drift to non-target species does not occur.

**DO NOT** apply POSTSCRIPT™ in any manner not specifically described in this label.

**DO NOT** apply this product through any type of irrigation system.

When applied by either ground or air, POSTSCRIPT spray drift or other indirect contact may injure sensitive crops, including canola, lentil, rice, sunflower, or wheat; leafy vegetables; and sugar beets.

Spray equipment used for POSTSCRIPT application must be drained and thoroughly cleaned with water

before being used to apply other products.

Observe all cautions and limitations on this label and on the labels of products used in combination with POSTSCRIPT.

**DO NOT** use POSTSCRIPT other than in accordance with the instructions set forth on this label. Keep containers closed to avoid spills and contamination.

## PRODUCT INFORMATION

POSTSCRIPT, a soluble liquid herbicide for FullPage™ Rice Cropping Solution, can be applied postemergence for control and suppression of many broadleaf and grass weeds and sedges in only FullPage Rice Cropping Solution varieties and hybrids (not less than 75% hybrid seed) [FullPage Rice]. **DO NOT** apply POSTSCRIPT to rice other than FullPage™ Rice.

Contact your seed supplier, chemical dealer or ADAMA to obtain information regarding the FullPage™ Rice Cropping Solution.

POSTSCRIPT kills weeds by foliage and/or weed roots uptake and rapid translocation to the growing points. After POSTSCRIPT application, susceptible weeds may show yellowing, and weed growth will stop. Susceptible weeds stop growing and either die or are not competitive with the crop.

Adequate soil moisture is important for optimum POSTSCRIPT activity. When adequate soil moisture is present, POSTSCRIPT will provide residual activity on susceptible germinating weeds. Activity on established weeds will depend on the weed species and the location of its root system in the soil. A timely cultivation after POSTSCRIPT application may improve weed control.

Occasionally, internode shortening and/or temporary yellowing of crop plants may occur following POSTSCRIPT application. These effects can be more pronounced if crops are growing in stressful environmental or hot and humid conditions. These effects occur infrequently and are temporary. Normal growth and appearance should resume within 1 to 2 weeks.

**DO NOT** tank mix organophosphate or carbamate insecticides with POSTSCRIPT and FullPage Rice unless otherwise specified in writing by ADAMA. When organophosphate or carbamate insecticides are tank mixed with POSTSCRIPT, temporary injury may result to the treated crop. Separate organophosphate and POSTSCRIPT application by at least 7 days to reduce potential for injury.

Use of POSTSCRIPT is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Adhere to Part 201.11a Hybrid of the Federal Seed Act Regulations, labeling agricultural seeds: If any one kind or kind and variety of seed present in excess of 5 percent is "hybrid" seed, it shall be designated "hybrid" on the label. The percentage that is hybrid shall be at least 95 percent of the percentage of pure seed shown, unless the percentage of pure seed which is hybrid seed is shown separately. If two or more kinds or varieties are present in excess of 5 percent and are named on the label, each that is hybrid shall be designated as hybrid on the label. Any one kind or kind and variety that has pure seed which is less than 95 percent but more than 75 percent hybrid seed as a result of incompletely controlled pollination in a cross shall be labeled to show (a) the percentage of pure seed that is hybrid seed or (b) a statement including "Contains from 75 percent to 95 percent hybrid seed." No one kind or variety of seed shall be labeled as hybrid if the pure seed contains less than 75 percent hybrid seed.

## Replanting

If replanting is necessary in a field previously treated with POSTSCRIPT, the field may be replanted to FullPage Rice, beans (dry), edamame, pea (English), peas (dry), lima bean (succulent), snap bean, or soybean. Rework the soil no deeper than 2 inches.

## **Replanting Restrictions:**

**DO NOT** apply a second treatment of POSTSCRIPT unless FullPage Rice is replanted.

**DO NOT** apply an imidazolinone herbicide including PREFACE™ (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) or POSTSCRIPT if edamame or soybeans are replanted.

POSTSCRIPT may only be used on FullPage Rice in the United States (not for use in California) and Puerto Rico.

## **RESISTANCE MANAGEMENT**

POSTSCRIPT is a Group 2 Herbicide (contains the active ingredient Imazamox). Following many years of continuous use of this product and chemically related products biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Any weed population may contain or develop plants naturally resistant to POSTSCRIPT and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. Resistance may be suspected if the following three conditions are noted: 1. A patch of weeds were not controlled by the application of the proper rate of the herbicide to properly-sized weeds under the proper growing conditions. 2. Some treated weeds (of the same size and species) are controlled while other adjacent weeds are not controlled. 3. A patch of weeds that are ordinarily controlled seems to escape treatment for multiple years and the patch seems to grow.

Fields should be scouted prior to application to identify the weed species present and their growth state to determine if the intended application will be effective. Fields should be scouted after application to verify that the treatment was effective. Where this is known or suspected and weeds controlled by this product are expected to be present along with resistant biotypes we advise the use of this product in combinations or in sequence with other registered herbicides which are not solely a Group 2 Herbicide. If only resistant biotypes are expected to be present use a registered herbicide which is not solely a Group 2 Herbicide. Consult with your state Agricultural Extension Service for specifications.

Scout after herbicide application to monitor weed populations for early signs of resistance development.

Indicators of possible herbicide resistance include:

- (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
- (2) a spreading patch of non-controlled plants of a particular weed species;
- (3) surviving plants mixed with controlled individuals of the same species.

If resistance is known or suspected, we advise the use of this product in combinations or in sequence with other registered herbicides which are not solely a Group 2 Herbicide. If resistant biotypes are expected to be present in dense infestations, use a registered herbicide which is not solely a Group 2 Herbicide and consult with your state Agricultural Extension Service for specifications. Hand rouging of escaped red rice and weedy rice is advised.

Report any incidence of non-performance of this product against a particular weed species to your ADAMA retailer, representative, or call 1-866-406-6262. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

Plant into weed-free fields and keep fields as weed free as possible.

To the extent possible, use a diversified approach toward weed management. Whenever possible incorporate multiple weed-control practices including mechanical cultivation, biological management practices, and crop rotation.

Fields with difficult to control weeds should be rotated to crops that allow the use of herbicides with



alternative mechanisms of action or different management practices.

To the extent possible **DO NOT** allow weed escapes to produce seeds, roots or tubers. Manage weed seeds at harvest and post-harvest to prevent a buildup of the weed seed-bank.

Prevent field-to-field and within-field movement of weed seed or vegetative propagules. Thoroughly clean plant residues from equipment before leaving fields.

Prevent an influx of weeds into the field by managing field borders.

Identify weeds present in the field through scouting and field history and understand their biology. The weed-control program should consider all of the weeds present.

Difficult to control weeds may require sequential applications of herbicides with differing mechanisms of action.

Apply this herbicide at the correct timing and rate needed to control the most difficult weed in the field.

Use a broad-spectrum soil-applied herbicide with a mechanism of action that differs from this product as a foundation in a weed-control program. **DO NOT** use more than two applications of this or any other herbicide with the same mechanism of action within a single growing season unless mixed with an herbicide with another mechanism of action with an overlapping spectrum for the difficult-to-control weeds.

If resistance is suspected, treat weed escapes with an herbicide with a different MOA or use non-chemical methods to remove escapes.

### **Weed Resistance**

Some listed weeds have developed naturally occurring biotypes which will not be controlled by applications of POSTSCRIPT or other products that have a similar mode of action, including sulfonyleureas, sulfonamides and pyrimidyl benzoates.

Where naturally resistant biotypes occur, control can be achieved by sequentially applying or tank mixing this product with a registered product with a different mode of action.

POSTSCRIPT has no preharvest interval (PHI) when used on FullPage Rice.

## **APPLICATION PROCEDURES**

### **RICE**

#### **FullPage™ Rice Cropping Solution Varieties and Hybrids (Not Less than 75% Hybrid Seed) only [FullPage Rice]**

For use only on FullPage Rice.

**Not for use in California.**

POSTSCRIPT is effective in controlling weeds in water-seeded and dry/drill-seeded rice. POSTSCRIPT can be applied postemergence to FullPage Rice.

Apply POSTSCRIPT as an early postemergence treatment when weeds are actively growing and before broadleaf weeds exceed a height of 3 inches and grass weeds exceed 2 leaves pre-flood or 4 to 5 leaves post-flood (unless otherwise indicated, refer to Weeds Controlled tables for specific weed sizes). For post-flood application, make sure that at least 66% of the grass foliage is above the flood water. Make applications when the majority of weeds are at the specified growth stage. When a mixture of grass and broadleaf weeds are present, time the application to the grass weeds for optimum control.



Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and, thus, reduce uptake, translocation, and efficacy of POSTSCRIPT in weeds. Delaying a POSTSCRIPT application for 48 hours from the time the temperature increases to above 50° F, if air temperature has been below 50° F for 10 or more hours, will improve weed control and reduce crop response.

Occasionally, reduction in plant height or temporary yellowing of crop plants may occur following POSTSCRIPT applications. These effects can be more pronounced in spray overlap areas and/or if crops are growing under stressful environmental conditions. These effects are temporary. Normal growth and appearance should resume in 1 to 2 weeks.

### **Application Timing**

Apply POSTSCRIPT to FullPage Rice at the following crop stages of growth; refer to Weeds Controlled tables for specific weed sizes

{Reviewer Note: One application timing (Option 1 or 2) will appear on final printed label.}

- [Alternate Text – Option 1]: FullPage Rice - 1-leaf to rice panicle initiation
- [Alternate Text – Option 2]: FullPage Rice– 1-leaf to rice panicle initiation (green ring) plus 14 days

## **USE DIRECTIONS**

{Reviewer Note: One set of use directions (Option 1 or 2) will appear on final printed label.}

[Alternate text – Option 1]: POSTSCRIPT can only be applied following at least one application of Preface (imazethapyr, EPA Reg. No. 66222-248). Apply POSTSCRIPT postemergence at 4 to 6 fl. ozs. per acre (0.031 to 0.047 lb. ae imazamox/A). See Weeds Controlled tables for additional details.

[Alternate text – Option 2]: Apply POSTSCRIPT postemergence to rice and targeted weeds at 4 to 6 fl. Ozs. Per acre (0.031 to 0.047 lb. ae imazamox/A). See Weeds Controlled tables for additional details.

### **Adjuvants**

When applying POSTSCRIPT as a postemergence treatment, it must be combined with a quality crop oil concentrate (COC) adjuvant at a rate of 1 gallon COC per 100 gallons of spray solution (1.0% volume/volume). See Mixing Instructions for specific instructions.

### **Rice Restrictions:**

- **DO NOT** apply more than 15 fl. ozs. of POSTSCRIPT (0.118 lb. ae imazamox/A) per year, or 6 fl. ozs. (0.047 lb ae imazamox/A) in a single application.
- **DO NOT** make more than three applications of POSTSCRIPT per year. The total amount of POSTSCRIPT applied in all three applications for the year, must be no more than 15 fl. oz./A. (0.118 lb ae imazamox/A).
- Wait at least 5 days between applications.
- **DO NOT** apply POSTSCRIPT to rice that is not FullPage Rice.

### **Weeds Controlled by POSTSCRIPT in the FullPage Rice Cropping Solution.**

POSTSCRIPT will control listed weeds when applied postemergence at the specified rates listed as follows.

### **Broadleaf Weeds Controlled by POSTSCRIPT in the FullPage Rice Cropping Solution.**

	<b>Application Rate</b> (fl. ozs./A)	<b>Maximum Weed Size</b> (inches)
Cocklebur, common	4 to 6	3
Morningglory, entireleaf	5 to 6	3
ivyleaf	5 to 6	3
smallflower	5 to 6	3
tall	5 to 6	3
Pigweed, prostrate	4 to 6	5
red root	4 to 6	5
smooth	4 to 6	4
spiny	4 to 6	3
Smartweed, ladysthumb	4 to 6	3
Pennsylvania	4 to 6	3
swamp	5 to 6	3

**Grass Weeds Controlled by POSTSCRIPT in FullPage Rice Cropping Solution.**

	<b>Application Rate</b> (fl. ozs./A)	<b>Preflood Weed Size</b> number of leaves	<b>Weed Size</b> number of leaves (maximum tillers)
Barnyard grass	5 to 6	1 to 2	1 to 5(1)
Crabgrass, large	5 to 6	1 to 2	1 to 4 (1)
Johnsongrass, seedling	5 to 6	1 to 2	1 to 5(1)
Panicum, fall	5 to 6	1 to 2	1 to 4(1)
Rice, red*	5 to 6	1 to 2	10
Signalgrass, broadleaf	5 to 6	1 to 2	1 to 5(1)

\*See Specific Weed Problems following.

When applied as directed in the **FullPage Rice Cropping Solution** Use Direction section of this label, POSTSCRIPT will suppress the following weeds:

- Alligatorweed
- Dayflower, spreading
- Ducksalad
- Eclipta
- Flatsedge, water
- Johnsongrass,
- rhizome Mexicanweed
- Nutsedge, purple
- Nutsedge, yellow
- Purple ammannia
- Redweed
- Texasweed
- Water plantain (Common arrowhead)

**Specific Weed Problems**

[Alternate text – Option 1]

**Red Rice.** For red rice control, apply 5 fl. ozs./A (0.039 lb ae imazamox/A) of POSTSCRIPT. Complete control requires a program of two to three applications of PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) or POSTSCRIPT herbicides and proper flood establishment 2 days after the second herbicide application.

[Alternate text – Option 2]

**Red Rice.** For red rice control, apply 5 fl. ozs./A (0.039 lb ae imazamox/A) of POSTSCRIPT postemergence. Complete control requires a program of two applications of POSTSCRIPT herbicide and proper flood establishment 2 days after the second herbicide application. An additional postemergence applications of POSTSCRIPT may be made as necessary for red rice control. When using three applications of POSTSCRIPT per year, **DO NOT** apply more than 6 fl. ozs./A (0.047 lb ae imazamox/A) of POSTSCRIPT in a single application. The total amount of POSTSCRIPT applied in all three applications for the year, must be no more than 15 fl. ozs./A (0.118 lb ae imazamox/A).

**Spray coverage is critical to achieve red rice control.**

If a permanent flood has been established, greater than 1/2 of the red rice plant must be above water at the time of POSTSCRIPT application. If less than 1/2 of the red rice plant is above water, drop the level of the flood sufficiently to expose greater than 1/2 of the red rice plant before the POSTSCRIPT application.

**Tank Mix Herbicides**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## MIXING INSTRUCTIONS

When applying POSTSCRIPT as the **only** herbicide:

1. Fill mix tank half full with clean water.
2. Add the specified amount of POSTSCRIPT while agitating the solution.
3. Add specified adjuvants while continuing agitation.
4. Fill the remaining volume with clean water.

Containers containing POSTSCRIPT must be closed securely in order to prevent contamination and spills.

Application equipment must be drained and cleaned thoroughly prior to mixing the application solution and treatment. Application equipment must also be drained and thoroughly cleaned following treatment to avoid contamination and future crop injury.

If other herbicides or other spray tank components are tank mixed with POSTSCRIPT, while agitating, add components in the following order and thoroughly mix after adding each component.

1. Fill spray tank 1/2 to 3/4 full with clean water.
2. Add soluble-packet products and thoroughly mix.
3. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable), or liquid flowable formulations not in soluble packets.
4. Add POSTSCRIPT and thoroughly mix.
5. Add other aqueous solution products.
6. Add EC (emulsifiable concentrate) products.
7. Add surfactant or crop oil to the spray tank.
8. Add nitrogen fertilizer solution.
9. While agitating, fill the remainder of the tank with water.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in

tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

POSTSCRIPT cannot be mixed with any product containing a label prohibiting such mixtures.

### **Cleaning Spray Equipment**

To avoid injury to sensitive crops, spray equipment used for POSTSCRIPT application must be drained and thoroughly cleaned with water before being used to apply other products.

## **SPRAYING INSTRUCTIONS**

**DO NOT** apply when wind conditions may result in drift, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited to, leafy vegetables and sugar beet.

### **Ground Application**

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 PSI is advised.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying POSTSCRIPT to minimum-till or no-till crops. Use higher gallonage for fields with dense vegetation or heavy crop residue.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's instructions). Use flat-fan nozzle tips or similar appropriate nozzle tips to ensure thorough coverage. Avoid overlaps when spraying.

### **Ground Application with a Low-volume Sprayer**

POSTSCRIPT may be applied with a low-volume sprayer. When applying POSTSCRIPT with a low-volume sprayer, spray weeds before they reach the maximum size listed in this label. Weed control depends on thorough spray coverage. The sprayer must be calibrated to deliver the advised spray volume and pressure to ensure thorough spray coverage of weeds.

When applying POSTSCRIPT with a low-volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40 to 60 PSI for optimum coverage.

### **Aerial Application**

POSTSCRIPT may be applied by air to FullPage Rice.

Uniformly apply with properly calibrated equipment in 5 or more gallons of water per acre. The addition of an adjuvant AND a nitrogen fertilizer solution are required for optimum weed control, unless otherwise directed in this label.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-related and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

### **Mandatory Spray Drift Management**

#### **Ground Boom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.

- For applications prior to the emergence of crops, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

#### **Aerial Applications:**

- **DO NOT** release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the wingspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- **DO NOT** apply during temperature inversions.

#### **Boomless Ground Applications:**

- Applications are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

#### **Spray Drift Advisories**

- THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
- BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS

#### **Information on Droplet Size**

An effective way to reduce drift potential is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### **Controlling Droplet Size – Ground Boom:**

Volume – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.

Pressure – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.

Spray Nozzle – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### **Controlling Droplet Size – Aircraft:**

Adjust Nozzles – Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

#### **Boom Height – Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

#### **Release Height – Aircraft**

Higher release heights increase the potential for spray drift.

### **Shielded Sprayers**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **Temperature and Humidity**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **Temperature Inversions**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.

### **Wind**

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **Boomless Ground Applications**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications**

Take precautions to minimize spray drift.

## **STEWARDSHIP**

Proper stewardship of all herbicides is important. The FullPage system has the additional stewardship requirement that growers prevent and monitor for outcrossing which can produce herbicide resistant red rice and weedy rice. It is important to follow not only the label, but the whole weed control program which is an Integrated Pest Management program of herbicides, cultural practices and crop rotation.

FullPage Rice Cropping Solution Stewardship Practices:

The RiceTec FullPage Rice Cropping System Solution is only useful as long as it is used appropriately and as suggested under the Stewardship Best Management Practices. Since cultivated rice and weedy rice are genetically similar and compatible, any rice trait technology has the opportunity to be transferred weedy to weedy rice in the event that weedy rice goes uncontrolled. Therefore, the following stewardship guidelines have been established to help you, the rice farmer, manage this technology so you have the opportunity to take advantage of its benefits for many years to come.

1. Practice sound rotation practices. Crop rotation is one of the most important things you can do to mitigate the development of herbicide-resistant weeds on your farm. Crop rotation provides the opportunity to use different tillage and herbicide modes of action, which can slow the development of resistance. **DO NOT** plant FullPage rice in consecutive years in the same field.
2. Start early. Research shows that weed competition during the first 1 to 3 weeks of the growing season can have a negative impact on yield. We advise a preemergence, or delayed preemergence, application of a residual herbicide, including clomazone, pendimethalin or quinclorac, to slow any weed growth during the critical early stages of growth.

3. Make a minimum two applications of FullPage Rice Cropping Solution herbicides prior to 2-tiller stage. Research has shown that two applications is more effective than a single application at high rates for grass and weedy rice control. Two applications maximize coverage of the weeds and optimizes the longevity of the technology. The first application must take place before planting, at planting or up to 3 weeks after emergence. The second application must follow approximately 10-14 days later for optimum control.

4. 100% control is the goal. In order to maintain its value and the value of other herbicide resistant trait technologies, your goal must always be 100% control of weedy rice to avoid loss of the technology on your farm. Therefore, every effort must be made to keep weedy rice from flowering and going to seed in your field. Make plans to rogue any weedy rice escapes prior to flowering.

5. Mix things up. Many herbicides in rice are classified as ALS inhibitors. These include herbicides including halosulfuron-methyl, penoxsulam, and bispyribac-sodium. Included in this group are PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) and POSTSCRIPT Herbicides. Therefore, we advise including other herbicides with different modes of action in the tank in order to avoid the development of weed resistance. Herbicides like quinclorac, propanil, bentazon and carfentrazone are herbicides with different modes of action that can prolong the development of weed resistance when tank-mixed with PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) or POSTSCRIPT. Clomazone, quinclorac, and pendimethalin must also be considered in the overall weed control program to provide alternative modes of action.

6. Moisture is the key. In order for most herbicides to be effective, plants need to be actively growing. Dry conditions reduce the effectiveness of all herbicides. Therefore, make sure that weeds are actively growing at the time of application, and in the case of PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) herbicide, plan applications prior to a flush or rainfall for proper incorporation into the soil and optimal residual activity. The PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) label calls for a 0.5" rainfall or flushing within 2 days of application.

7. PREFACE (containing imazethapyr as the active ingredient, EPA Reg. No. 66222-248) herbicide has both foliar and residual soil activity, which requires activation through soil moisture. Therefore, if your field conditions dictate a flush or rainfall is pending, apply PREFACE prior to receiving moisture. POSTSCRIPT herbicide is a foliar herbicide, which does not require soil activation; however, performance is maximized under moist or flooded conditions. **DO NOT** apply either herbicide to drought-stressed plants.

8. **DO NOT** save seed. The FullPage Rice Cropping Solution Varieties and Hybrids (Not Less Than 75% Hybrid Seed) are protected by several patents or patents pending and saving of seed for anything other than grain is prohibited.



## Rotational Crop Restrictions

Rotational crops may be planted after applying the specified rate of POSTSCRIPT in Region 1 and Region 2, as indicated on the map.



**Region 1** - States and parts of states WEST of US Highway 83 (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, and western parts of Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas)

**Region 2** - States and parts of states EAST of US Highway 83 (includes the eastern parts of Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas, and the states east of these states)

### Rotational Interval (months) following POSTSCRIPT herbicide Application

Plant-back Interval (months)	Region 1	Region 2
Anytime	Clearfield canola Clearfield corn (field and seed) Clearfield lentil FullPage Rice Clearfield sunflower Clearfield wheat Dry beans and dry peas (except lentil) Edamame English peas Lima beans (succulent) Snap beans Soybeans	Clearfield canola Clearfield corn (field and seed) Clearfield lentil FullPage Rice Clearfield sunflower Clearfield wheat Dry beans and dry peas (except lentil) Edamame English peas Lima beans (succulent) Snap beans Soybeans
3	Alfalfa <sup>1,4</sup> Wheat	Alfalfa <sup>4</sup> Wheat
4	Rye	Rye
8-1/2	Corn (field, seed, sweet, and popcorn)	Corn (field, seed, sweet, and popcorn)

9	<sup>1</sup> Barley Cantaloupe Cotton Grain sorghum <sup>5</sup> Lentil Lettuce Millet Oat Onion Peanut Pumpkin Non-FullPage Rice Squash Sunflower Tobacco Watermelon	<sup>1</sup> Barley Broccoli Cabbage Cantaloupe Carrot Cotton Cucumber Grain sorghum <sup>5</sup> Lentil Lettuce Millet Oat Onion Peanut Pepper <sup>1</sup> Potato Pumpkin Non-FullPage Rice Squash Sunflower Tobacco Tomato
		Turnip Watermelon
18	<sup>1</sup> Barley Broccoli Cabbage Carrot Cucumber <sup>5</sup> Lentil Pepper Potato Tomato Turnip  All other crops not listed in the Rotational Crop Restrictions	<sup>1</sup> Barley Canola Condiment mustard Lentil <sup>2</sup> Sugar beet <sup>2</sup> Table beet  All other crops not listed in the Rotational Crop Restrictions
26	Canola Condiment mustard <sup>3</sup> Sugar beet Table beet	<sup>2</sup> Sugar beet Table beet

<sup>1</sup> Refer to the following tables for rotational intervals for planting following POSTSCRIPT application.

<sup>2</sup> In Region 2, sugar beets and table beets can be planted 18 months following an application of POSTSCRIPT if the soil pH is uniformly 6.2 or greater. If the soil pH is less than 6.2, the rotational interval is 26 months. Sugar beet yields can be reduced when grown in soil conditions with a pH less than 6.2. If the soil is limed to adjust the soil pH, apply the lime at least 18 months before planting sugar beet or other rotational crops under the 18-month rotational interval.

<sup>3</sup> For sugar beets grown in parts of Nebraska west of Highway 83, and Platte, Goshen, and Laramie

counties in Wyoming, follow the sugar beet rotational crop restrictions for Region 2 for sprinkler-irrigated fields only. If fields are dryland, flood or furrow irrigated, follow restrictions for Region 1. A minimum of 10 inches of overhead irrigation must be applied each season to qualify for Region 2 guidelines.

<sup>4</sup> Planting spring or winter wheat in areas receiving less than 10 inches of precipitation from the time of POSTSCRIPT application up until wheat planting may result in wheat injury. The possibility of injury increases if less than normal precipitation occurs from the time of application to planting and/or within the first 2 months after POSTSCRIPT application.

<sup>s</sup> In Region 1 and Region 2, lentil may be planted 9 months following an application of POSTSCRIPT if no more than 5 fl. ozs./A (0.039 lb ae imazamox/A) of POSTSCRIPT has been applied and the soil pH is uniformly greater than 6.2.

<b>Barley Rotational Interval based on pH, Moisture, and Tillage</b>		Moldboard Plowing	
<b>Region 1 and Region 2</b>		<b>NO</b>	<b>YES</b>
pH and Rainfall requirements	>18 inches R+I <b>AND</b> pH >6.2	9 months	
	<18 inches R+I <b>OR</b> pH <6.2	18 months	9 months

<b>Potato Rotational Interval based on pH and Moisture</b>		
<b>Region 2</b>		
pH and Rainfall requirements	>18 inches R+I <b>AND</b> pH >6.2	9 months
	<18 inches R+I <b>OR</b> pH <6.2	18 months

<b>Wheat Rotational Interval based on pH, Moisture, and Tillage</b>		Moldboard Plowing	
<b>Region 1</b>		<b>NO</b>	<b>YES</b>
pH and Rainfall requirements	>10 inches R+I <b>AND</b> pH >6.2	3 months	
	<10 inches R+I <b>OR</b> pH <6.2	15 months	3 months

<b>Wheat Rotational Interval based on pH, Moisture</b>		
<b>Washington and selected counties in Idaho* and Oregon**</b>		
pH and Rainfall requirements	>16 inches R+I <b>AND</b> pH >6.2	3 months
	<16 inches R+I <b>OR</b> pH <6.2	15 months
* Selected counties in Idaho - Benewah, Bonner, Boundary, Clearwater, Idaho, Kootenai, Latah, Lewis, Nez Perce, and Shoshone		
** Selected counties in Oregon - All but Malheur		

When taking soil samples to determine soil pH, use a grid sampling technique, sampling to a depth of 3 to 4 inches.

R+I = Rainfall and overhead irrigation from the time of POSTSCRIPT herbicide application up until time of barley, potato, or wheat planting. **Does not include furrow or flood irrigation.**

If the rainfall or pH requirements are not fully met, and barley or wheat is planted before the specified rotation interval, injury may be reduced by tillage, including deep disking (greater than 6- inches deep) after crop harvest but before November 1.

The possibility of injury to barley or wheat planted the next season increases if less than normal precipitation occurs from the time of application to planting and/or within the first two months after POSTSCRIPT application.

## Furrow-irrigated and Flood-irrigated Crops

Following harvest of furrow-irrigated or flood-irrigated crops, thoroughly mix soil by plowing or deep disking to minimize the potential for herbicide carryover to the following crop.

Use of POSTSCRIPT in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors, including arid conditions, make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

## USE PRECAUTIONS

In the event of a crop loss due to weather, dry beans, dry peas, Clearfield corn, edamame, peas (English), lima beans (succulent), snap beans, or soybeans can be replanted.

Application of products containing an ALS (AHAS) inhibitor (Group 2) herbicide in the same year as POSTSCRIPT may increase the risk of injury to sensitive rotational crops. Consult all pertinent labels for use of these products in combinations.

If arid conditions occur during the year of application, rotational crop injury may occur.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store above 32°F in original containers only. If product freezes, return to room temperature and agitate to reconstitute. Keep container closed when not in use. **DO NOT** store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

**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 (five gallons or less):** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container 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 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable Container:** Refillable container. Refill this container with Imazethapyr 2 SL. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions 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**.

**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 ADAMA. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ADAMA 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 ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA 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 ADAMA's election, the replacement of product.

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**Optional Text for Import Labels: [Shipped for further labeling and packaging/ NOT INTENDED FOR USE BY CONSUMER]**

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