



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

83529-185

Date of Issuance:

1/28/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Sharda Bispyribac-Sodium 80% WP

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC
c/o Wagner Regulatory Associates, Inc
P.O Box. 640
Hockessin, DE 19707

Note: 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. In 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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

1/28/22

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 83529-185.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 9/07/2021
- Alternate CSF dated 9/07/2021

If you have any questions, please contact Sayed Islam by phone at 202-566-2796, or via email at islam.sayed@epa.gov

Enclosure

[MASTER LABEL]

BISPYRIBAC-SODIUM | GROUP 2 | HERBICIDE

Sharda Bispyribac-Sodium 80% WP

ABN: Surprice

For Use on Rice.

| ACTIVE INGREDIENT: | WT. BY % |
|---|---------------|
| Bispyribac-Sodium: sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate | 80.0% |
| OTHER INGREDIENTS: | <u>20.0%</u> |
| TOTAL: | 100.0% |

This product is a soluble powder containing 80% active ingredient.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

| FIRST AID | |
|---|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person. |
| IF IN EYES: | <ul style="list-style-type: none"> • 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. |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> • 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. |
| HOTLINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 . | |

[Optional referral statements when booklets and container labels are used:]

[See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements], [Directions For Use], and [Storage and Disposal].]

EPA Reg. No. 83529-XXX

EPA Est. No. XXXXX-XX-XXX

Manufactured for:

Sharda USA LLC 
7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

Net Contents: _____ [Lbs./Oz. [__ Oz. WSP.]]

ACCEPTED

01/28/2022

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

83529-185

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves including barrier laminate or butyl rubber ≥14 mils or nitrile rubber ≥14 mils or viton rubber ≥14 mils
- Shoes plus socks

User Safety requirements:

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

ENGINEERING CONTROLS STATEMENT

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607 (d)]. Mixers and loaders handling this product while it is enclosed in intact water-soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “**applicators and other handlers**” and have such PPE immediately available for use in emergency, including a spill or equipment break-down.

USER SAFETY RECOMMENDATIONS

Users should:

- 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

Except when treating rice fields as specified in the label, **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply where runoff is likely to occur. **DO NOT** contaminate water when disposing of equipment wash waters or rinsate. **DO NOT** apply when weather conditions favor drift from the area treated. Apply this product only as specified on this label.

Non-Target Organism Advisory

This product 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 intended to minimize spray drift.

Physical and Chemical Hazards

DO NOT mix or allow coming in contact with oxidizing agent. 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.

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

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 (WPS), 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

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 WPS and that involves contact with anything that has been treated, including plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves including barrier laminate or butyl rubber ≥14 mils or nitrile rubber ≥14 mils or viton rubber ≥14 mils
- Shoes plus socks

PRODUCT INFORMATION

Sharda Bispyribac-Sodium 80% WP is a selective, post-emergence contact herbicide which provides control of many weeds infesting rice. It has an exceptionally wide window of application and may be used as an integral part of a weed control program in conjunction with a resistance management strategy (refer to the **RESISTANCE MANAGEMENT** section). The mode of action is the inhibition of the acetolactate synthase (ALS) enzyme, and thus, activity is relatively slow, 14 - 21 days for complete control. Susceptible weeds turn yellow and stop growing 3 - 7 days after treatment. Browning of sensitive weeds is evident in 7 to 14 days after treatment with death of the stem and roots occurring within 14 - 21 days after treatment. **Sharda Bispyribac-Sodium 80% WP** is not a residual/soil active herbicide and will not prevent reinfestation of weeds which germinate after application. Thorough application spray coverage of weed foliage is needed for acceptable control. **Sharda Bispyribac-Sodium 80% WP** is rainfast 8 hours after application. Temporary injury to rice may occur after application, but injury is transient and yields are not adversely affected. Fertilizer top-dressing will speed temporary injury recovery.

USE RESTRICTIONS:

- **DO NOT** apply this product through any type of irrigation system.
- **In all States, except California: DO NOT** apply more than 0.67 oz. (0.034 lb. a.i.) of **Sharda Bispyribac-Sodium 80% WP** per acre per application.
- **DO NOT** make more than 3 applications of **Sharda Bispyribac-Sodium 80% WP** per acre per year when using reduced application rates .
- **In California: DO NOT** apply more than 0.8 oz. (0.040 lb. a.i.) of **Sharda Bispyribac-Sodium 80% WP** per acre per application.
- **DO NOT** make more than 2 applications of **Sharda Bispyribac-Sodium 80% WP** per acre per year.
- **DO NOT** apply more than 1.06 oz. (0.054 lb. a.i.) of **Sharda Bispyribac-Sodium 80% WP** per acre per year, in any state.
- Minimum retreatment interval is 21 days.
- **DO NOT** double spray ends of field.
- **DO NOT** apply to second crop (stubble/ratoon crop) rice.
- **DO NOT** apply to stressed rice or weeds.
- **DO NOT** use **Sharda Bispyribac-Sodium 80% WP** on the first rice crop grown in fields that have been land leveled resulting in severe cut and heavy fill areas (does not apply to maintenance leveling).
- **DO NOT** tank mix **Sharda Bispyribac-Sodium 80% WP** with malathion, methyl parathion, propanil or herbicidal mixtures which contain propanil because antagonism and/or injury will occur.
- **DO NOT** make an application of methyl parathion or malathion within 7 days of a **Sharda Bispyribac-Sodium 80% WP** application.
- **DO NOT** use a crop oil concentrate surfactant with **Sharda Bispyribac-Sodium 80% WP** alone or in combination with other herbicides or insecticides.
- **DO NOT** apply to rice paddies where commercial crayfish farming is practiced.

USE PRECAUTIONS:

- Water drained directly from treated fields must not be used to irrigate other crops.
- **Sharda Bispyribac-Sodium 80% WP** is a contact herbicide which is not soil active and does not provide residual activity. Reinfestation of weeds may occur if a permanent flood is not established in a timely manner.
- Any environmental (e.g., temperature, drought, etc.) or other stress (e.g., herbicide injury, fertilizer injury or nutrient deficiencies, etc.) factors which decrease plant metabolism and growth may reduce **Sharda Bispyribac-Sodium 80% WP** efficacy and increase rice injury.
- Temporary injury, chlorosis and/or stunting may occur after application but injury is transient. Fertilizer top-dressing will speed temporary injury recovery. Medium grain varieties may be more sensitive than long grain varieties. Pubescent (hairy) leaf varieties may be more sensitive to **Sharda Bispyribac-Sodium 80% WP** than glabrous (smooth) leaf varieties.
- Varieties with low seedling vigor including the Japanese cultivars and M-206 may be more sensitive to
- **Sharda Bispyribac-Sodium 80% WP**, especially under stress conditions.
- Water-seeded rice that has not fully pegged (rice root system not completely below the soil surface) is susceptible to significant injury from **Sharda Bispyribac-Sodium 80% WP**, regardless of number of leaves.
- **Sharda Bispyribac-Sodium 80% WP** is a contact herbicide and does not have any systemic activity and thus, thorough coverage is essential for acceptable weed control. Inadequate coverage will result in unacceptable weed control and/or weed re-growth.
- When weed populations are severe, a second application of **Sharda Bispyribac-Sodium 80% WP** or another herbicide may be necessary.

RESISTANCE MANAGEMENT

Sharda Bispyribac-Sodium 80% WP is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **Sharda Bispyribac-Sodium 80% WP** 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 must be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of **Bispyribac-Sodium 80% WP** or other Group 2 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and 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 suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method for example hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide
- Resistance-management and/or integrated weed-management directions for specific crops and weed biotypes or to find out if suspected resistant weeds have been found in their region.
- For further information or to report lack of performance or suspected resistance, contact your Sharda USA, LLC representative at 1-302-635-7632.

MANDATORY SPRAY DRIFT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a Medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Ground Applications:

- Apply with the nozzle height specified by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a Medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boomless-Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 8 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT MANAGEMENT

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

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift 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 specified 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 manufacturer's directions for setting up nozzles. To reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom must remain level with the crop and have minimal bounce.

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to crops, **DO NOT** release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

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.

MIXING AND SPRAYING EQUIPMENT PREPARATION AND CLEANUP

The bag contains water soluble packets of **Sharda Bispyribac-Sodium 80% WP**. **DO NOT** add any liquid fertilizers, micronutrients, or adjuvants to the spray solution until after the water-soluble packets and their contents have completely dissolved. Water soluble packet(s) must completely dissolve in approximately 5 minutes. Dissolution rate may be slowed by cold water, lack of agitation, or water containing high concentrations of boron or sulfur. High concentration of boron or sulfur may result in spray screen or nozzle clogging due to the incomplete dissolution of the water-soluble packet material.

Add tank mix partner (if any) in the following order:

1. Add approved surfactant. If foaming is anticipated, add defoamer prior to the addition of the surfactant.
2. Water soluble packets (preferably added before the surfactant)
3. Water dispersible granules/wettable powder
4. Soluble powders
5. Suspension concentrate
6. Emulsifiable concentrate

Instructions for Using Water Soluble Packages Directly into Spray Tanks

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instructions

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. **DO NOT** cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

Mixing Instructions

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all mixed products **DO NOT** conflict. **DO NOT** tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

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.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. **DO NOT** spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.
10. **DO NOT** add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

Sprayer Cleanup

RESTRICTION: DO NOT USE CHLORINE BLEACH WITH AMMONIA. REMOVE ALL TRACES OF LIQUID FERTILIZER CONTAINING ANY FORM OF AMMONIA OR AMMONIUM BEFORE ADDING ANY CHLORINE SOURCE INCLUDING CHLORINE BLEACH.

Prior to using **Sharda Bispyribac-Sodium 80% WP**, thoroughly drain, clean, and rinse all mixing and spraying equipment that will come in contact with **Sharda Bispyribac-Sodium 80% WP**. Follow the cleanup procedures specified by the manufacturer of the previously sprayed product. Failure to remove all deposits of previously sprayed products may result in collection of **Sharda Bispyribac-Sodium 80% WP** residues and inhibit cleanup of mixing and spraying equipment after **Sharda Bispyribac-Sodium 80% WP** use. Failure to remove all deposits of previously sprayed products may also result in a reduction in the efficacy of **Sharda Bispyribac-Sodium 80% WP** or crop injury.

Residual amounts of herbicide in or on mixing or spraying equipment may have an adverse effect on subsequently sprayed crops. Thoroughly drain, clean, and rinse all mixing and spraying equipment including tanks, booms, hoses, strainers, screens, and nozzles immediately after use.

Use the following procedure:

1. Remove all physical residues
2. Thoroughly drain and rinse tanks, booms, and hoses with clean water.
3. Fill the tank one half full of clean water and use a spraying/mixing tank cleaner that DOES NOT contain chlorine. Fill the remainder of the tank with clean water. Let agitate/recirculate according to the directions of the cleaner manufacturer. Thoroughly flush the boom and hoses before draining.
4. Rinse all hoses, tanks, nozzles, strainers, and booms with clean water to remove the tank cleaner. Follow the directions provided by the tank cleaner manufacturer.
5. Fill the tank half full of clean water and add one (1) gallon of 3% active household ammonia for every 100 gallons of water the tank will hold. Fill the remainder of the tank with clean water and allow the solution to agitate/recirculate for 15 minutes. Thoroughly flush the ammonia cleaning solution through the boom, hoses, nozzles, screens, and strainers before draining the tank.
6. Remove the strainers, nozzles, and screens and clean separately in a solution of household ammonia and water.
7. Replace the strainer(s), nozzles, and screens.
8. Repeat Step 5.
9. Thoroughly rinse the tank with clean water and flush the water through the boom, nozzles, and hoses in order to remove all traces of ammonia.
10. Dispose of the rinsate on site or at an approved waste disposal facility.

Sharda Bispyribac-Sodium 80% WP may remain in the spray or mixing tank for up to 3 days following mixing without loss of activity. If the spray solution is allowed to sit, thoroughly agitate before use. Carefully follow clean out instructions after the tank is emptied.

FOR USE IN RICE GROWING REGIONS (EXCEPT CALIFORNIA)*†

*For California directions, refer to the **FOR USE ON RICE (CALIFORNIA ONLY)** section.

†Not for use in Arizona

Application Programs

Sharda Bispyribac-Sodium 80% WP alone or in combination with other herbicides (refer to **Tank Mix Application** section) may be

applied as a single application at rates, timings and for control of weed species stated in the table when used as part of a weed control program. **Sharda Bispyribac-Sodium 80% WP** may also be used in 1 of the following split application programs:

- **Early post-emergence application of Sharda Bispyribac-Sodium 80% WP in combination with a pre-emergence herbicide, followed by a Sharda Bispyribac-Sodium 80% WP application either just prior to permanent flood or early post-flood.** Apply **Sharda Bispyribac-Sodium 80% WP** at 0.2 oz. per acre plus the label rate of either Bolero® 8 EC – EPA Reg. No. 59639-79 (thiobencarb), Command® 3 ME - EPA Reg. No. 279-3158 (clomazone), Facet® - EPA Reg. No. 7969-315 (quinclorac) or Prowl® 3.3 EC - EPA Reg. No. 241- 337 (pendimethalin) when rice is in at least the 2-leaf stage (2nd leaf fully expanded) followed by an application of **Sharda Bispyribac-Sodium 80% WP** at 0.53 - 0.67 oz. per acre alone (refer to the **PRODUCT USE RATES/WEEDS** table below) or in combination with other herbicides (refer to **Tank Mix Application** section).
- **Mid post-emergence application of Sharda Bispyribac-Sodium 80% WP followed by a Sharda Bispyribac-Sodium 80% WP application either just prior to permanent flood or early post-flood.** Apply **Sharda Bispyribac-Sodium 80% WP** at 0.5 oz. per acre when barnyardgrass in the 3- to 5-leaf stage followed by an application of **Sharda Bispyribac-Sodium 80% WP** at 0.5 oz. per acre alone (refer to the below table) or in combination with other herbicides (refer to **Tank Mix Application** section).

| PRODUCT USE RATES/WEEDS FOR USE IN RICE GROWING REGIONS (EXCEPT CALIFORNIA AND ARIZONA) | | | |
|--|--|----------------------------|---|
| Weeds Controlled | Scientific Name | Weed Size | Rate per Acre |
| Barnyardgrass/Junglerice (including propanil and/or Facet® (EPA Reg. No. 7969-315, quinclorac) resistant barnyardgrass) | <i>Echinochloa crus-galli</i> / <i>Echinochloa colona</i> | 2-leaf up to 5-leaf | 0.4 oz. (0.020 lb. a.i.) |
| | | 5-leaf through 1-tiller | 0.53 oz. (0.027 lb. a.i.) |
| | | Up to 3-tillers | 0.57 oz. (0.029 lb. a.i.) |
| Late Application Barnyardgrass/Junglerice Suppression | <i>Echinochloa crus-galli</i> / <i>Echinochloa colona</i> | 3-tillers to early booting | 0.67 oz. (0.034 lb. a.i.) |
| Baronet grass (bayonet grass) – POST FLOOD ONLY | <i>Echinochloa pungens</i> | 1- to 3-tillers | 0.57 - 0.67 oz. (0.029 - 0.034 lb. a.i.) |
| Annual Rice Flatsedge | <i>Cyperus iria</i> | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Dayflower | <i>Commelina communis</i> | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Ducksalad | <i>Heteranthera</i> spp. | 1 leaf up to “spoon leaf” | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Gooseweed | <i>Sphenoclea zeylanica</i> | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Hemp Sesbania | <i>Sesbania exaltata</i> | 3 to 18 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Johnsongrass | <i>Sorghum halepense</i> | 3 to 24 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Jointvetch | | | |
| Indian | <i>Aeschynomene indica</i> | 3 to 18 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Northern | <i>Aeschynomene virginica</i> | 3 to 18 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Smartweed, Pennsylvania | <i>Polygonum pensylvanicum</i> | 1 to 4 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Waterhyssop | <i>Bacopa rotundifolia</i> | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Weeds Suppressed | Scientific Name | Weed Size | Rate per Acre |
| Barnyardgrass, perennial | <i>Echinochloa polystachya</i> | Up to 2-tillers | 0.53 - 0.57 oz. (0.027 - 0.029 lb. a.i.) |
| Alligatorweed | <i>Alternanthera philoxeroides</i> | Up to 10-inch runners | 0.53 - 0.57 oz. (0.027 - 0.029 lb. a.i.) |
| Eclipta | <i>Eclipta</i> spp. | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Knotgrass - POST FLOOD ONLY | <i>Paspalum distichum</i> | Up to heading | 0.53 - 0.57 oz. (0.027 - 0.029 lb. a.i.) |
| Morningglory | | | |
| Entireleaf | <i>Ipomoea hederacea</i> | 1 to 4 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Pitted | <i>Ipomoea lacunosa</i> | 1 to 4 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Pigweeds | <i>Amaranthus</i> spp. | 1 to 12 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Redstem | <i>Ammannia</i> spp. | 1 to 4 inches | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |
| Smartweed, Pennsylvania | <i>Polygonum pensylvanicum</i> | 4 to 24 inches | 0.4 - 0.57 oz. |

| | | | |
|-------------------|-----------------------|---------------------|--|
| | | | (0.020 - 0.029 lb. a.i.) |
| Texas/Mexicanweed | <i>Caperonia</i> spp. | 1-leaf up to 4-leaf | 0.4 - 0.57 oz. (0.020 - 0.029 lb. a.i.) |

[Adjuvant: Application of **Sharda Bispyribac-Sodium 80% WP** must include a surfactant unless otherwise specified in another section of this label. Use of surfactants other than the ones specified is done at the sole risk of the user to the extent consistent with applicable law. Under some adverse conditions the addition of UAN to the approved surfactants may improve control or suppression of listed weeds. Refer to Sharda USA LLC product bulletin "**Approved Surfactants For Use With Sharda Bispyribac-Sodium 80% WP**" for additional information].

DRY-SEEDED OR WATER-SEEDED RICE - U.S. RICE GROWING REGIONS (Except California and Arizona)

- Except where noted, **Sharda Bispyribac-Sodium 80% WP** may be applied to rice after the 3-leaf (3rd leaf fully expanded) stage of development until the panicle initiation (green ring/just prior to joint movement) stage of development. **DO NOT** apply to rice before the 3rd leaf is fully expanded, except in the early post-emergence split application technique where it can be applied at a reduced rate to rice in the 2-leaf stage of development (2nd leaf fully expanded), or after panicle initiation. Regardless of seeding method, rice must have the 3rd leaf fully expanded, except where noted and the root system must be completely below the soil surface prior to **Sharda Bispyribac-Sodium 80% WP** application. Medium grain varieties may be more sensitive to **Sharda Bispyribac-Sodium 80% WP** than long grain varieties. Pubescent (hairy) leaf varieties may be more sensitive to **Sharda Bispyribac-Sodium 80% WP** than glabrous (smooth) leaf varieties, as may be varieties with low seedling vigor. **DO NOT apply to the rice variety Bengal.**
- **Pre-Flood Application:** At application, the soil needs to be wet to the surface and the weeds actively growing. Following application, wait at least 1 day for herbicide uptake, then establish the permanent flood as soon as the rice will tolerate flooding. Under conditions in which the permanent flood is delayed, flush as necessary to maintain rice growth and maintain moisture in the weed root zone in order to ensure active weed growth. If soil is allowed to dry after application, a reduction in efficacy and/or weed re-growth may occur. Establishing the permanent flood 2 - 7 days after application will optimize weed control. Reinfestation of weeds and/or weed re-growth may occur if a permanent flood is not established in a timely manner.
- **Post-Flood Application:** Prior to application, the floodwater must be lowered so that at least 70% of the weed plant surface is above the floodwater. Failure to do so will result in insufficient weed control. Bring the field to normal flood level 2 - 3 days after application.
- When nighttime temperatures are below 60°F for 3 or more consecutive nights before or after **Sharda Bispyribac-Sodium 80% WP** application, loss of weed control and/or weed re-growth may occur.
- Refer to the **PRODUCT USE RATES/WEEDS FOR USE IN RICE GROWING REGIONS (EXCEPT CALIFORNIA)** table above.
- Use the upper end of the directed use rate range when weed populations are approaching the maximum controllable size and/or weed infestation is severe. When weed populations are severe, a second application of **Sharda Bispyribac-Sodium 80% WP** or another herbicide may be necessary.
- **Late Application Barnyardgrass Suppression:** When barnyardgrass develops to stages between 4-tiller and booting, a negative influence on yield has already occurred. Controlling or suppressing barnyardgrass at these stages will maximize the remaining yield potential and reduce weed seed production.
- **Suppression of Knotgrass:** Make application after the rice is in permanent flood and 70% of the knotgrass is above the flood level. Make application prior to knotgrass heading.
- **Sharda Bispyribac-Sodium 80% WP** may be used on Clearfield® and hybrid varieties.

Tank Mix Applications

Sharda Bispyribac-Sodium 80% WP may be tank mixed with 2,4-D, Blazer® - EPA Reg. No. 70506-60 (acifluorfen), *Bolero* 8 EC - EPA Reg. No. 59639-79 (thiobencarb), Command 3ME - EPA Reg. No. 279-3158 (clomazone), Dimilin® - EPA Reg. No. 70506-525 (diflufenbuzon), Facet - EPA Reg. No. 7969-315 (quinclorac), Grandstand® R - EPA Reg. No. 62719-215 (triclopyr), Karate® - EPA Reg. No. 100-1097 (lambda cyhalothrin) or Karate Z - EPA Reg. No. 100-1097 (lambda cyhalothrin), Londax® - EPA Reg. No. 70506-372 (bensulfuron methyl), Permit® - EPA Reg. No. 81880-2-10163 (halosulfuron), Prowl 3.3 EC - EPA Reg. No. 241-337 (pendimethalin), Quadris® - EPA Reg. No. 100-1098 (azoxystrobin) and Ricestar® HT - EPA Reg. No. 264-682 (fenoxaprop-p-ethyl). **Sharda Bispyribac-Sodium 80% WP** may also be tank mixed with Newpath® EPA Reg. No. 241-412 (imazethapyr) or Clearpath® - EPA Reg. No. 7969-222 (quinclorac + imazethapyr) herbicides in Clearfield rice.

Tank mixing with Aim® - EPA Reg. No. 279-3241 (carfentrazone-ethyl) may cause antagonism to the activity of **Sharda Bispyribac-Sodium 80% WP**. Due to the potential for antagonism, a subsequent application of **Sharda Bispyribac-Sodium 80% WP** or another herbicide may be necessary. If this tank mixture is utilized, use the **Sharda Bispyribac-Sodium 80% WP** rate that corresponds to the next largest barnyardgrass/junglerice size as compared to the size of the barnyardgrass/junglerice in the field and **DO NOT** exceed 1 oz. of Aim - EPA Reg. No. 279-3241 (carfentrazone-ethyl) per acre. If tank mixing with Facet - EPA Reg. No. 7969-315 (quinclorac), use the surfactants advised for use with **Sharda Bispyribac-Sodium 80% WP**.

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 the 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. Use according to the most restrictive label directions of each product in the mixture.

Tank mixing or use of **Sharda Bispyribac-Sodium 80% WP** with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of the user, applicator and/or application advisor. For further information regarding tank mixtures see the **RESISTANCE MANAGEMENT** section of the label.

Method of Application

Sharda Bispyribac-Sodium 80% WP is a contact herbicide and does not have any systemic activity and thus, thorough coverage is essential for acceptable weed control. Inadequate coverage will result in unacceptable weed control and/or weed re-growth. Uniformly apply **Sharda Bispyribac-Sodium 80% WP** or **Sharda Bispyribac-Sodium 80% WP** tank mixes by aircraft in **no less than 10 gallons** of water per acre total spray volume or by ground equipment in a minimum of 15 - 20 gals. of water per acre total spray volume. Any factor, including reduced spray volume, which adversely affects coverage and canopy penetration will have a negative effect on the performance of **Sharda Bispyribac-Sodium 80% WP**. Use nozzle types and nozzle arrangements which will provide maximum coverage and minimize the potential for off target movement of spray particles. When making application with ground equipment, use flat fan nozzles only. **DO NOT** use air inducing or flood type nozzles. **DO NOT** use ditch water, turbid or high sediment water in spray equipment. Buffer application water if the pH is above 7.0 or below 6.0 (refer to the **SPRAY DRIFT** section).

FOR USE ON RICE (CALIFORNIA ONLY)

| PRODUCT USE RATES/WEEDS FOR USE ON RICE (CALIFORNIA ONLY) | | | |
|--|---|--------------------------------|---|
| Weeds Controlled | Scientific Name | Weed Size | Rate per Acre |
| Watergrass | <i>Echinochloa crus-galli</i> var. <i>oryzicola</i> | 2-leaf up to 2-tillers | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| | <i>Echinochloa oryzoides</i> | 2-leaf up to 2-tillers | |
| Barnyardgrass | <i>Echinochloa crus-galli</i> | 2-leaf up to 3-tillers | 0.67 - 0.8 oz. (0.034 - 0.040 lb. a.i.) |
| Watergrass, resistant biotypes | <i>Echinochloa crus-galli</i> var. <i>oryzicola</i> | 5-leaf up to 2-tillers | |
| | <i>Echinochloa oryzoides</i> | 5-leaf up to 2-tillers | |
| | <i>Echinochloa phyllopogon</i> | 5-leaf up to 2-tillers | 0.8 oz. (0.040 lb. a.i.) |
| Arrowhead, California | <i>Sagittaria montevidensis</i> spp. <i>Calycina</i> | 1-leaf up to flower initiation | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Ducksalad | <i>Heteranthera</i> spp. | 1-leaf up to "spoon leaf" | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Waterhyssop | <i>Bacopa rotundifolia</i> | 1-leaf up to 4-leaf | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Monochoria | <i>Monochoria vaginalis</i> | 1-leaf up to flower initiation | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Gregg's Arrowhead | <i>Sagittaria longiloba</i> | 1-leaf up to flower initiation | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Waterplantain | <i>Alisma triviale</i> | 1-leaf up to flower initiation | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Weeds Suppressed | Scientific Name | Weed Size | Rate per Acre |
| Redstem | <i>Ammannia</i> spp. | 1 to 4 inches | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Ricefield Bulrush | <i>Scirpus mucronatus</i> | 2-leaf up to flower initiation | 0.53 - 0.67 oz. (0.027 - 0.034 lb. a.i.) |
| Smallflower Umbrellaplant | <i>Cyperus difformis</i> | 1 to 4 inches | 0.67 - 0.8 oz. (0.034 - 0.040 lb. a.i.) |
| Adjuvant: Application of Sharda Bispyribac-Sodium 80% WP must include a surfactant unless otherwise specified in another section of this label. Use of surfactants other than the one specified is done at the sole risk of the user to the extent consistent with applicable law. (28% or 32% UAN (Urea Ammonium Nitrate) at 1% to 2% v/v maybe used in conjunction with an approved surfactant). [Refer to the Sharda USA LLC Product Bulletin " Approved Surfactants for use with Sharda Bispyribac-Sodium 80% WP " for additional information]. | | | |

DRY-SEEDED OR WATER-SEEDED RICE (California Only)

- **Sharda Bispyribac-Sodium 80% WP** may be applied to rice after the 4-leaf stage of development until the panicle initiation (green ring/just prior to joint movement) stage of development. **DO NOT** apply to rice before the 4th leaf is fully expanded or after panicle initiation. Regardless of seeding method, rice must have the 4th leaf fully expanded and the root system must be completely below the soil surface prior to **Sharda Bispyribac-Sodium 80% WP** application.
- **Pinpoint or Leathers Flood Culture:** After seeding rice into the initial (seedling) flood, drain the field when the root is approximately 1/4 inch long, but before shoot growth has been initiated. This will allow the root to peg (tack) to the soil. Apply **Sharda Bispyribac-Sodium 80% WP** after draining when the rice seedling is in at least the 4-leaf (fully expanded) stage and the root system is completely covered with soil. At application, the soil must be wet to the surface and the weeds actively growing. If soil is allowed to dry after application, a reduction in efficacy and/or weed re-growth may occur. Bring the field to pinpoint flood level 2 - 3 days after application. Prolonged drainage can stress the rice plant and/or allow for subsequent weed germination which could potentially result in yield reduction.
- **Dry-Seeded Pre-Flood Culture:** At application, the soil needs to be wet to the surface and the weeds actively growing. Following application, wait at least 1 day for herbicide uptake then establish the permanent flood as soon as the rice will tolerate flooding. Under conditions in which the permanent flood is delayed, flush as necessary to maintain rice growth and

maintain moisture in the weed root zone in order to ensure active weed growth. If soil is allowed to dry after application, a reduction in efficacy and/or weed re-growth may occur. Establishing the permanent flood 2 - 7 days after application will optimize weed control. Reinfestation of weeds and/or weed re-growth may occur if a permanent flood is not established in a timely manner.

- **Post-Flood Application:** Prior to application, the floodwater must be lowered so that 70% of the weed plant surface is above the floodwater. Failure to do so will result in insufficient weed control. Bring the field to normal flood level 2 - 3 days after application.
- When nighttime temperatures are below 55°F for 3 or more consecutive nights before or after **Sharda Bispyribac-Sodium 80% WP** application, loss of weed control and/or weed re-growth may occur.
- Refer to the **PRODUCT USE RATES/WEEDS FOR USE ON RICE (CALIFORNIA ONLY)** table above.
- Use the upper end of the specified use rate range when weed populations are approaching the maximum controllable size and/or weed infestation is severe. When weed populations are severe, a second application of **Sharda Bispyribac-Sodium 80% WP** or another herbicide may be necessary.
- **Herbicide Resistant Watergrass Biotypes (Early and Late):** In localized specific areas, these species have exhibited resistance to various herbicides. If resistant species have been documented in your field(s), consult your crop advisor or local extension service for further information. Resistance management will prolong the usefulness of all rice herbicides.
- When making application of **Sharda Bispyribac-Sodium 80% WP** for control of *Echinochloa phyllopogon* (rice mimic), use the 0.8 oz. per acre rate plus the appropriate surfactant. **DO NOT tank mix Sharda Bispyribac-Sodium 80% WP with insecticides or other herbicides.** In fields where there are severe populations of this species, it may be necessary to make an additional application of another herbicide including propanil.
- **DO NOT** use **Sharda Bispyribac-Sodium 80% WP** on the rice variety CM 101. Pubescent (hairy) leaf varieties are more sensitive to **Sharda Bispyribac-Sodium 80% WP** than glabrous (smooth) leaf varieties.
- Varieties with low seedling vigor including the Japanese cultivars and M-206 may be more sensitive to **Sharda Bispyribac-Sodium 80% WP**, especially under stress conditions.
- Fertilizer top-dressing will speed recovery from any temporary injury that may occur.

Tank Mix Applications

Sharda Bispyribac-Sodium 80% WP may be tank mixed with 2,4-D, Abolish® - EPA Reg. No. 59639-79 (thiobencarb), Dimilin® - EPA Reg. No. 70506-525 (diflufenbuzon), Grandstand® CA - EPA Reg. No. 62719-215 (triclopyr), Londax® - EPA Reg. No. 70506-372 (bensulfuron methyl), Prowl® 3.3 EC - EPA Reg. No. 241-337 (pendimethalin), Quadris® - EPA Reg. No. 241-337 and Warrior® - EPA Reg. No. 100-1295 (lambda cyhalothrin). Tank mixing with other herbicides may cause antagonism to the activity of **Sharda Bispyribac-Sodium 80% WP**. Due to the potential for antagonism, a subsequent application of **Sharda Bispyribac-Sodium 80% WP** or another herbicide may be necessary.

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 the 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 Use according to the most restrictive label directions of each product in the mixture.

Tank mixing or use of **Sharda Bispyribac-Sodium 80% WP** with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of the user, applicator and/or application advisor. For further information regarding tank mixtures, see the **RESISTANCE MANAGEMENT** section of the label.

Method of Application

Sharda Bispyribac-Sodium 80% WP is a contact herbicide and does not have any systemic activity and thus, thorough coverage is essential for acceptable weed control. Inadequate coverage will result in unacceptable weed control and/or weed re-growth. Uniformly apply **Sharda Bispyribac-Sodium 80% WP** or **Sharda Bispyribac-Sodium 80% WP** tank mixes by aircraft in **no less than 10 gallons** of water per acre total spray volume or by ground equipment in a minimum of 15 - 20 gals. of water per acre total spray volume. Any factor, including reduced spray volume, which adversely affects coverage and canopy penetration will have a negative effect on the performance of **Sharda Bispyribac-Sodium 80% WP**. Use nozzle types and nozzle arrangements which will provide maximum coverage and minimize the potential for off target movement of spray particles. When making application with ground equipment, use flat fan nozzles only. **DO NOT** use air inducing or flood type nozzles. **DO NOT** use ditch water, turbid or high sediment water in spray equipment. Buffer application water if the pH is above 7.0 or below 6.0 (refer to the **SPRAY DRIFT** section).

Buffer Zone Restrictions

When making either air or ground applications of **Sharda Bispyribac-Sodium 80% WP** or **Sharda Bispyribac-Sodium 80% WP** tank mixtures adjacent to crops other than rice, the following buffer zones are required:

Aerial Application

- **Downwind:** 1/2 mile (2640 ft.) when wind speeds are 2 - 8 mph
- **Upwind:** 250 ft. when wind speeds are 2 - 8 mph

Ground Application

- **Downwind:** 250 ft. when wind speeds are 2 - 8 mph

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool dry place. Keep pesticide in original container. Keep container closed when not in use. **DO NOT** put concentrate or dilute into food or drink containers. Not for use or storage in or around the home.

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

CONTAINER HANDLING:

[[For outer bag containing water soluble packets]

[Nonrefillable Outer Bag:] DO NOT reuse or refill the outer bag. Completely empty bag into application equipment. Offer bag for recycling if available. If recycling is not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

[[Nonrefillable Plastic and Metal Containers (Capacity Equal to or Less Than 50 Pounds):] Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water 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, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

[[Nonrefillable Plastic and Metal Containers (Capacity Greater Than 50 Pounds):] Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

[[Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):] Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

[[Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums with Liners:] Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Refillable Fiber Drums with Liners: Refillable container (fiber drum only). Refilling Fiber Drum:] Refill this fiber drum with this pesticide only. **DO NOT** reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: **DO NOT** reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Refillable Plastic and Metal Containers:] Refillable container. Refilling Container: Refill this container with this pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage including cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, **DO NOT** use the container. Check for leaks after refilling and before transporting. If leaks are found, **DO NOT** reuse or transport container. Disposing of Container: **DO NOT** reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into

the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.



Sharda USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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[OPTIONAL MARKETING LANGUAGE]

| | |
|---|---|
| 1 | <p>[www.shardausa.com]</p>  <p>[]</p> |
| 2 | [Handle with Care] |
| 3 | [This side Up] |
| 4 | <p>{The below graphic to be added to box if formulated in the United States}</p>  <p>[]</p> |