



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 15, 2021

Beth Anderson
Senior Regulatory Manager
Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

Subject: PRIA Label and CSF Amendment – Changing from 100% repack to new formulation; Adding ABN and minor changes to the label.
Product Name: **A368.02**
EPA Registration Number: 91234-140
Application Date: 06/14/2021
Decision Number: 576568

Dear Ms. Anderson:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are 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.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 06/14/2021
- Alternate CSF#1 dated 06/14/2021

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

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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.

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 Sayed Islam by phone at 202-566-2796, or via email at islam.sayed@epa.gov.

Sincerely,



Product Manager 24
Fungicide Herbicide Branch,
Registration Division (7505P)

[Note to reviewer: [Text] in brackets denotes optional or explanatory language
[Note to reviewer: {Text} in braces denotes where in the final label text will appear
{BOOKLET FRONT PANEL LANGUAGE}

BISPYRIBAC-SODIUM	GROUP 2	HERBICIDE
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A368.02 [™]

[Alternate Brand Name: Airstream]

[Contains bispyribac-sodium, the active ingredient used in Tradewind®.]

[For selective management of surface, submersed and emergent aquatic weeds in bayous, drainage ditches, lakes, marshes, non-irrigation canals, ponds and reservoirs]

ACTIVE INGREDIENT:	(% by weight)
Bispyribac-sodium (sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate)	80.0%
OTHER INGREDIENTS:	20.0%
TOTAL	100.0%

A368.02 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 the label, find someone to explain it to you in detail.)

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

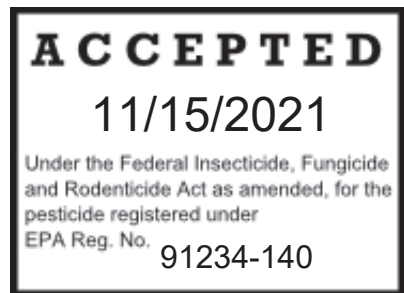
[[A368.02™] is not manufactured, or distributed by Valent U.S.A. Corporation, seller of Tradewind®.]

EPA Reg. No.: 91234-140

EPA Est. No.:

Net Weight:

Manufactured for:
Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513



{LANGUAGE INSIDE BOOKLET}

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 the 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 mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

**For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or 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 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 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, such as 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

Do not apply to water except as specified on the label. Under certain conditions, treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard, water bodies containing high plant density should be treated in sections to prevent suffocation of fish. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is needed.

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 or 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 spray drift. Only protected handlers may be in the treatment area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

See precautionary language before using treated water for irrigation.

PRODUCT INFORMATION

A368.02 is a selective herbicide that will control aquatic weeds in lakes, ponds, non-irrigation canals and other water bodies with limited or no outflow. **A368.02** is formulated as an 80 percent soluble powder and is packaged in water soluble packets that are mixed with water and applied to aquatic areas.

A368.02 may be applied as a subsurface application targeting submerged aquatic weeds or as a surface application targeting floating and emergent undesirable aquatic weeds. **A368.02** controls weeds by inhibiting acetolactate synthase (ALS), a key enzyme in the biosynthesis of the branched-chain amino acids isoleucine, leucine, and valine. Symptoms of aquatic plants after treatment with ALS inhibitors include cessation of growth, discoloration of plant

tissue with some yellowing and reddening of leaves and stems, followed by necrosis and death of plants. Symptoms occur slowly and may take two months or longer to fully affect target plants. The level and speed of control will be influenced by species, growth stage, growth rate and exposure time of targeted species, and the rate and timing of application. For best results, apply **A368.02** in the spring when plants are actively growing. Application to more mature or slow growing plants may decrease the speed and/or level of control.

A368.02 may be applied to the following slow moving or quiescent bodies of water where there is minimum or no outflow:

- Bayous
- Drainage ditches
- Lakes
- Marshes
- Non-irrigation canals
- Ponds
- Reservoirs

Efficacy of subsurface applications may be decreased if exposure of targeted plants cannot be maintained for a sufficient time. Insufficient exposure time may result from rapid inflow of fresh water into treated areas, and/or small spot or shoreline treatment within larger water bodies.

Application to public aquatic areas may require approval and/or permits. Consult with local or state agencies, if required.

Tank Mixes With Other Aquatic Herbicides

A368.02 may be tank mixed with other aquatic herbicides and applied as a foliar or subsurface treatment for aquatic weed control. Consult with Atticus LLC prior to applications for the most updated application information.

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.

A368.02 Rate Summary	
oz of A368.02	Pounds of Active Ingredient
1	0.05
2	0.1
4	0.3
8	0.4

USE PRECAUTIONS FOR ALL APPLICATIONS

- Water treated with **A368.02** may be used to irrigate bermudagrass (except golf course greens) and St. Augustinegrass if the concentration of bispyribac-sodium is below 30 ppb. Repeated irrigation of St. Augustinegrass may cause chlorosis and growth regulation if the concentration of bispyribac-sodium in water is greater than 30 ppb. Prior to irrigating other turf species or landscape ornamentals with water treated with **A368.02**, confer with Atticus LLC if the concentration of bispyribac-sodium in treated irrigation water exceeds 1 ppb.

USE RESTRICTIONS FOR ALL APPLICATIONS

- **DO NOT** apply into flowing water, intertidal or estuarine areas.

- **DO NOT** apply to water utilized for crayfish farming.
- **DO NOT** use water treated with **A368.02** for hydroponic farming or to irrigate food crops, golf course greens or ornamental plants grown in greenhouses or nurseries until the concentration of bispyribac-sodium in water is less than or equal to 1 ppb.
- When applying foliar sprays, **DO NOT** allow spray mist to drift on to desirable broadleaf plants or injury may result. To minimize potential for spray drift, refer to the Spray Drift Management section of this label.

Notes:

- There is no post-application holding restriction against use of treated water for drinking or recreational purposes (e.g. swimming, fishing).
- **Important:** This product is a herbicide and is active at low concentrations. Analyze water samples for bispyribac-sodium with Enzyme-Linked Immunosorbent Assay (ELISA) or other approved analytical methods.

RESISTANCE MANAGEMENT

This product is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to **A368.02** and other Group 2 herbicides. Weed species with acquired resistance to Group 2 herbicides may eventually dominate the weed population if Group 2 herbicides are used repeatedly in the same area or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 2 herbicides. Appropriate resistance management strategies must be followed.

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

- Rotate the use of **A368.02** 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 including 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 recommendations for specific crops and weed biotypes.

- For further information or to report suspected resistance, contact Atticus, LLC at (984) 465-4800.

MANDATORY SPRAY DRIFT

Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft 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 ½ 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.

Boom-less 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 10 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.
- **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. Generally, 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.
- **Boom-less 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.

APPLICATION AND SPRAYER INFORMATION

Properly maintain and calibrate all aerial, ground and watercraft based application equipment.

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.

ADDITIVES

When applying **A368.02** to the foliage of floating or emerged aquatic weeds, mix with a Chemical Producers and Distributors Association certified adjuvant approved for use in aquatic habitats. Mix **A368.02** with a non-ionic surfactant containing at least 80% active ingredient. Follow adjuvant manufacturer's label rates. Verify mixing compatibility with a jar test before using.

SPRAYER CLEANUP

If spray equipment is dedicated to application of aquatic herbicides, completely drain the spray tank and rinse the application equipment thoroughly, including the inside and outside of the tank and all inline screens.

Trace amounts of **A368.02** in or on mixing or spraying equipment may have an adverse effect on subsequently sprayed plants. Therefore, if spray equipment will be used for purposes other than applying aquatic herbicides, the following steps must be used to clean the spray equipment after application of **A368.02**:

1. Completely drain the spray tank and rinse the spray equipment thoroughly, including the inside and outside of the tank and all inline screens.
2. Fill the tank with clean water and flush all hoses, booms, screens and nozzles.
3. Top off tank with clean water.
4. Circulate through sprayer for 5 minutes.
5. Then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes.
6. Drain tank completely.
7. Remove all nozzles and screens and rinse again with clean water.

CONTROL OF FLOATING AND EMERGED WEEDS USING SURFACE APPLICATION

Table 1 lists floating and emergent aquatic weeds that **A368.02** will control when applied as a broadcast spray with appropriate equipment. Plants that are partially controlled may show herbicide stress during active growth, but are less likely to be killed by treatment. Use of lower labeled rates will increase the level of selectivity to desirable vegetation. For best results, apply **A368.02** to the foliage of actively growing weeds.

Table 1. Floating and Emergent Weeds

Common Name	Scientific Name
Alligatorweed	<i>Alternanthera philoxeroides</i>
Duckweed	<i>Lemna</i> spp
Mosquito fern	<i>Azola caroliniana</i>
Parrotfeather	<i>Myriophyllum aquaticum</i>
Water Fern	<i>Salvinia</i> spp
Water Hyacinth	<i>Eichhornia crassipes</i>
Water Lettuce	<i>Pistia stratiotes</i>
[Watermeal]	[<i>Wolffia columbiana</i>]
Water Pennywort	<i>Hydrocotyle</i> spp

Surface Application

Apply **A368.02** as a broadcast spray at 1 to 2 oz (0.05 to 0.1 lb ai) of formulated product per acre. Use higher rate for more mature, denser weed growth. Apply in a minimum of 30 gallons of water per acre to ensure adequate coverage.

Restrictions

- **DO NOT** apply more than 2 oz (0.1 lb ai) of product per application.
- Allow 30 days between applications.
- **DO NOT** apply more than 8 oz (0.4 lb ai) of product per acre per year.
- **DO NOT** exceed 4 applications per year.

When applying to densely packed actively growing surface weeds, ensure adequate coverage. A second application may be required for complete control under these conditions.

A368.02 may be tank mixed with 2,4-D, diquat or other registered foliar applied aquatic herbicides for enhanced control of floating and emergent weeds.

Application Equipment

Apply **A368.02** with sprayers equipped with nozzles designed to deliver the desired spray pressure and spray volume. Apply by backpack or handgun sprayer, airboat, helicopter, airplane or other application equipment that will ensure thorough coverage of target plant foliage.

AERIAL APPLICATION

Restrictions

- **DO NOT** apply more than 2 oz (0.1 lb ai) of product per acre per application.
- For surface applications apply no more than 8 oz (0.40 lb ai) of product per acre per year.
- **DO NOT** exceed 4 applications per year.
- Allow 30 days between applications.
- **DO NOT** apply by air when drift is possible or when wind velocity is more than 10 mph.
- **DO NOT** spray **A368.02** within 200 feet of dwellings, adjacent sensitive crops or environmentally sensitive areas.
- **DO NOT** place nozzles on the outer 25% of the wings or rotors.

Apply **A368.02** by air at 1 to 2 oz (0.05 to 0.1 lb ai) of formulated product per acre. To obtain satisfactory weed control, aerial application of **A368.02** must provide uniform coverage of weeds. To obtain satisfactory application

and minimize drift, observe the following directions when applying by air:

Volume and Pressure

Apply **A368.02** in 5 to 10 gallons of water per acre, with a maximum spray pressure of 40 PSI. Application at less than 5 gallons per acre may not provide adequate weed control. Higher gallonage applications generally provide more consistent weed control.

Nozzles and Nozzle Operation

Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles including diaphragm type nozzles to avoid unwanted discharge of spray solution. The nozzle must be directed toward the rear of the aircraft, at an angle between 0° and 15° downward.

Adjuvants

Refer to the ADDITIVES section or the tank mix partner's label.

CONTROL OF SUBMERSED WEEDS USING SUBSURFACE APPLICATION

Table 2 lists submersed aquatic plants that **A368.02** will control when applied subsurface with appropriate equipment. Plants that are partially controlled may show herbicide stress during active growth, but are less likely to be killed by treatment. Use of lower labeled rates will increase the level of selectivity to desirable vegetation.

Table 2. Submersed Weeds Controlled by Subsurface Application

Common Name	Scientific Name
[Bacopa]	[<i>Bacopa</i> spp.]
[Egeria, Brazilian Elodea]	[<i>Egeria densa</i>]
[Cabomba, Fanwort]	[<i>Cabomba caroliniana</i>]
Hydrilla	<i>Hydrilla verticillate</i>
Pondweed, Sago	<i>Potamogeton pectinatus</i>
Watermilfoil, Eurasian	<i>Myriophyllum spicatum</i>
[Water primrose]	[<i>Ludwigia</i> spp.]

Best results with **A368.02** will be achieved when applied to young and actively growing submersed weeds that have limited biomass.

Subsurface Application Rates

Apply **A368.02** at a rate that will produce an initial concentration of 20 to 45 ppb in the water column of the treatment zone. Use the higher concentrations when weed biomass is heavy, when weeds are more mature and topped out, and/or when treating less susceptible plants. Use **Table 3** to determine amount of **A368.02** needed to achieve desired concentration at different water depths. For optimal control, repeat applications to maintain desired water column concentrations of **A368.02** for 60 to 90 days after initial application, or until target weeds are controlled.

Restrictions

- Must use product application rate listed in Table 3.
- **DO NOT** exceed 4 applications per year.
- Retreatment interval: minimum 14 days.
- For an 8 foot deep lake, **DO NOT** exceed 4.8 lb of **A368.02** (3.8 lb bispyribac-sodium) per acre per year.
- For an 8 foot deep lake, **DO NOT** apply more than 1.2 lb of **A368.02** (0.95 lb bispyribac-sodium) per acre per application.

Multiple applications (up to 4 per year) of **A368.02** at lower rates may be needed in water bodies where there is a requirement for selective weed control, or the need to control weed species with a longer exposure time

requirement.

For subsurface applications, **DO NOT** allow the water concentration to exceed 45 ppb of **A368.02** in the treatment zone for any application (either initial or when retreating to maintain the effective water concentration).

Use ELISA (Enzyme-Linked Immunosorbent Assay) analysis or other analytical methods to help determine if and when it is necessary to make sequential applications of **A368.02**.

Application Equipment

To ensure adequate coverage, apply **A368.02** with weighted trailing hoses in order to place the herbicide under the surface and throughout the biomass of aquatic vegetation. **A368.02** may also be applied with handguns to the water surface and will adequately mix with the water column. Keep swath width to a minimum in order to maximize contact with submersed aquatic vegetation.

Tank Mixes With Other Aquatic Herbicides

A368.02 may be tank mixed with other aquatic herbicides. Where rapid control of hydrilla is desired, apply **A368.02** in combination or sequence with contact herbicides that are approved for aquatic use.

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.

Table 3. Subsurface Application Rates

Water Depth (ft)	Concentration of A368.02 in Water (ppb)						
	Pounds (ounces) Product per Surface Acre at Given Depth						
	15 ppb	20 ppb	25 ppb	30 ppb	35 ppb	40 ppb	45 ppb
1	0.05 (0.8)	0.07 (1.1)	0.08 (1.3)	0.1 (1.6)	0.12 (1.9)	0.13 (2.1)	0.15 (2.4)
2	0.10 (1.6)	0.13 (2.1)	0.17 (2.7)	0.2 (3.2)	0.23 (3.7)	0.27 (4.3)	0.3 (4.8)
3	0.15 (2.4)	0.20 (3.2)	0.25 (4)	0.3 (4.8)	0.35 (5.6)	0.4 (6.4)	0.45 (7.2)
4	0.20 (3.2)	0.27 (4.3)	0.33 (5.3)	0.4 (6.4)	0.47 (7.5)	0.53 (8.5)	0.6 (9.6)
5	0.25 (4)	0.33 (5.3)	0.42 (6.7)	0.5 (8)	0.58 (9.3)	0.67 (10.7)	0.75 (12)
6	0.30 (4.8)	0.40 (6.4)	0.5 (8)	0.6 (9.6)	0.7 (11.2)	0.8 (12.8)	0.9 (14.4)
7	0.35 (5.6)	0.47 (7.5)	0.58 (9.3)	0.7 (11.2)	0.82 (13.1)	0.93 (14.9)	1.05 (16.8)
8	0.40 (6.4)	0.53 (8.5)	0.67 (10.7)	0.8 (12.8)	0.93 (14.9)	1.06 (17.0)	1.2 (19.2)

This table is intended to be a guide for determining rate per surface acre. Multiply the rate per surface acre by the total acres to be treated to determine the amount to apply to a given area. For example, if treating 4 surface acres on a 5-foot-deep body of water at 30 ppb, apply 2 pounds of product (4 water soluble bags)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable container. **DO NOT** reuse or refill this container. Empty residue into application equipment. Offer container and foil bag for recycling, if available, or dispose of container and/or foil bag in a sanitary landfill or by incineration, if allowed by State and local authorities.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following 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. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC to the extent consistent with applicable law. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. 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, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A368.02] is a trademark of Atticus, LLC

[Tradewind®] is a registered trademark of Valent U.S.A Corporation.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

BISPYRIBAC-SODIUM	GROUP 2	HERBICIDE
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A368.02™

[Alternate Brand Name: Airstream]

[Contains bispyribac-sodium, the active ingredient used in Tradewind®.]

[For selective management of surface, submersed and emergent aquatic weeds in bayous, drainage ditches, lakes, marshes, non-irrigation canals, ponds and reservoirs]

ACTIVE INGREDIENT: (% by weight)

Bispyribac-sodium (sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate).....80.0%

OTHER INGREDIENTS:.....20.0%

TOTAL100.0%

A368.02 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 the 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 the 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 mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

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

ENVIRONMENTAL HAZARDS:

Do not apply to water except as specified on the label. Under certain conditions, treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard, water bodies containing high plant density should be treated in sections to prevent suffocation of fish. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is needed.

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 or Chemical Hazards

DO NOT mix or allow coming in contact with oxidizing agent. Hazardous chemical reaction may occur.

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See inside label booklet for additional Precautionary Statements and Directions for Use.

[[A368.02™] is not manufactured, or distributed by Valent U.S.A. Corporation, seller of Tradewind®.]

Manufactured for:
Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

EPA Reg. No.: 91234-140
EPA Est. No.: _____
NET WEIGHT: _____