



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 8, 2024

Robin R. Charlton and Frank Carey
Senior Regulatory Scientist and Senior Regulatory Expert Manager
Valent U.S.A. LLC
1600 Riviera Ave., Suite 200
Walnut Creek, CA 94596-8025

Subject: Label Amendment - Registration Review Mitigation for Imazosulfuron and Thiobencarb
Product Name: League MVP Herbicide
EPA Registration Number: 59639-189
Application Dates: December 22, 2017, and February 21, 2020
Decision Numbers: 595992; 560073

Dear Robin R. Charlton and Frank Carey:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the for Thiobencarb and Sulfonylurea (Imazosulfuron) Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

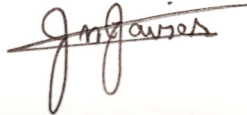
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Concepción (Conchi) Rodríguez by phone at 202-566-0820, or via email at concepcion.rodriguez@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Julie Javier", with a horizontal line drawn through the middle of the signature.

Julie Javier, Team Leader
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label



IMAZOSULFURON	GROUP	2	HERBICIDE
THIOBENCARB	GROUP	8	HERBICIDE

ACCEPTED

July 8, 2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 59639-189

For Use in California Only

[Bracketed text is optional.]

LEAGUE[®] MVP HERBICIDE

**FOR THE CONTROL OF CERTAIN GRASSES, SEDGES AND
BROADLEAF WEEDS IN RICE**

Active Ingredient	By Wt
Imazosulfuron*	0.43%
Thiobencarb**	10.00%
Other Ingredients	89.57%
Total	100.00%

*2-chloro-*N*-[[[(4,6-dimethoxy-2-pyrimidinyl)-amino]carbonyl]imidazo[1,2-*a*]pyridine-3-sulfonamide

***S*-[(4-chlorophenyl)methyl] diethylcarbamothioate

League[®] MVP Herbicide is granular containing 0.1 lb thiobencarb and 0.0043 lb imazosulfuron active ingredient per pound.

KEEP OUT OF REACH OF CHILDREN

CAUTION

**SEE NEXT [PAGE][PANEL][BOOKLET] FOR ADDITIONAL PRECAUTIONARY
STATEMENTS.**

EPA Reg. No. 59639-189

NET CONTENTS: 50 AND 700 POUNDS

FIRST AID	
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 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.
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 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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p style="text-align: center;">HOT LINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 800-892-0099 for emergency medical treatment information.</p>	
<p style="text-align: center;">NOTE TO PHYSICIAN</p> <p>Thiobencarb is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if inhaled, absorbed through skin or swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: protective eyewear, long-sleeved shirt and long pants, and socks plus shoes, chemical-resistant gloves, such as Barrier Lamine or Butyl Rubber ≥14 mils or Nitrile Rubber ≥14 mils or Viton ≥14 mils, chemical-resistant apron when loading formulation into equipment or cleaning equipment.

All workers must wear: waterproof boots plus socks when entering flooded fields following treatment.

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.

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

This product is toxic to fish and shrimp. Do not apply directly to water except as directed on this label, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is to be used in California Central Valley only. Not for use in other parts of California within the range of listed Pacific salmonids.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. Imazosulfuron and degradates are classified as having high potential for reaching surface water via runoff for months or more after application. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of imazosulfuron and degradates from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Groundwater Advisory

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

NON-TARGET ORGANISM ADVISORY STATEMENT

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 area. Protect the forage and habitat of non-target organisms by minimizing drift.

WINDBLOWN SOIL PARTICLES

V-10142 Herbicide has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and directions of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying V-10142 Herbicide if prevailing local conditions may be expected to result in off-site movement.

ENDANGERED SPECIES

The National Marine Fisheries Service has determined that thiobencarb, when used in California according to the label and existing restricted materials permit conditions, is not likely to jeopardize the continued existence of endangered or threatened salmonid species, nor is it likely to destroy or adversely modify designated critical habitat of these species. To ensure and continue the proper use of thiobencarb on rice in California, you must follow the measures contained in the Endangered Species Protection Bulletin for the county in which you are applying the product. To obtain Bulletins, no more than six months before using this product, consult <http://www.epa.gov/espp/> or call 1-844-447-3813. You must use the Bulletin valid for the month in which you will apply the product. The use limitations in the Bulletins and linked Mandatory Pesticide Use Limitations document are adapted from those currently in force for thiobencarb under the restricted materials permit conditions of the California Department of Pesticide Regulation, with enforcement by the County Agricultural Commissioners.

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for entry within 12 hours after application to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical-resistant gloves and waterproof boots plus socks.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

To the extent consistent with applicable law, Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the extent consistent with applicable law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability**, which may not be modified by any oral or written agreement.

TANK MIX

NOTICE: Combination or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent consistent with applicable law.

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.

Weed Resistance Management

For resistance management, please note that *League* MVP Herbicide contains both a Group 2/imazosulfuron and a Group 8/thiobencarb herbicide. Any weed population may contain plants naturally resistant to Group 2 and/or Group 8 herbicides. The resistant individuals 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 *League* MVP Herbicide or other Group 2 and Group 8 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.
- Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective. Fields should be scouted after application to verify that the treatment was effective. 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 such as 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, 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 Valent U.S.A. LLC at 800-6-VALENT (682-5368).

PRODUCT INFORMATION

- *League MVP* Herbicide provides preemergence and early postemergence weed control of certain grasses, sedges and broadleaf weeds in rice.
- For optimum results make an application prior to the emergence of susceptible weeds. Emerged weeds are best controlled if the weeds are completely submerged.
- *League MVP* Herbicide is used as an integral part of a weed control program and must be used in conjunction with a resistance management strategy.
- *League MVP* Herbicide will prevent the emergence of susceptible weeds if application is made to a clean well-prepared seedbed.
- Fields with a history of weed resistance to ALS and/or lipid synthesis inhibitors may exhibit resistance to *League MVP* Herbicide.

RESTRICTIONS

- Do **NOT** make more than 1 application of *League MVP* Herbicide per acre per year.
- Do **NOT** apply more than 35 lb *League MVP* Herbicide (3.5 lb of thiobencarb and 0.15 lb of imazosulfuron) per acre per application.
- Do **NOT** apply more than 35 lb *League MVP* Herbicide (3.5 lb of thiobencarb and 0.15 lb of imazosulfuron) per acre per year.
- Do **NOT** apply to rice paddies where commercial catfish or crayfish farming will be practiced.
- Do **NOT** use on rice fields adjacent to catfish or crayfish ponds.
- Water drained directly from treated fields must not be used to irrigate other crops.
- Do **NOT** apply this product within 24 hours of rainfall, or when heavy rain is expected to occur within 24 hours.
- Do **NOT** mix/load or otherwise handle this product within 100 feet of aquatic habitat.
- Do **NOT** apply *League MVP* Herbicide to a crop that has received or will receive a soil applied organophosphate insecticide.
- Do **NOT** apply *League MVP* Herbicide within 21 days before, or 7 days after, a foliar organophosphate insecticide application.
- Do **NOT** apply more than 3.5 lb ai/A of thiobencarb per year. Do not apply more than 0.15 lb ai/A of imazosulfuron per year.
- Do **NOT** exceed labeled rates of *League MVP* Herbicide. Accurately calibrate application equipment.
- Do **NOT** use *League MVP* Herbicide on water-seeded rice grown in fields which have been land leveled resulting in severe cuts and heavily filled areas (does not apply to normal maintenance leveling) in the past 18 months. Fields with a “loose” seedbed may also exhibit severe injury.
- Do **NOT** use *League MVP* Herbicide on rice grown in fields which have received chicken litter or had large amounts of green vegetative residue incorporated in the past 10 months.
- Do **NOT** use *League MVP* Herbicide on rice fields which cannot be drained as necessary due to water holding restrictions, if phytotoxic symptoms occur.
- Do **NOT** apply *League MVP* Herbicide to stressed crops or weeds. Stress conditions include, but are not limited to, soil moisture above field capacity, drought, temperatures below or above those known to be conducive for healthy growth, low fertility, and carryover from a previous pesticide application or conditions/factors that decrease plant metabolism.

ROTATIONAL RESTRICTIONS

Crop injury may result if the specified intervals are not followed. Extend the rotational interval by 6 to 8 months if either drought conditions and/or extended periods of cool conditions occur after application. These conditions and/or failure to use conventional tillage and cultivation cultural practices increases the persistence of *League* MVP Herbicide in the soil and therefore increases the potential for rotational crop injury and yield reduction.

CROP ROTATION	
Rotational Interval	Rotational Crop
Immediately	Rice
6 months	Tomato (transplanted)
8 months	Cantaloupe, Cotton, Cucumber, Eggplant, Lettuce, Mustard Greens, Peppers (Bell and Non-Bell), Radish, Spinach, Turnip, Turnip Greens, White Potato
9 months	Cabbage, Squash
12 months	Field Corn, Sweet Corn, Grain Sorghum, Soybean, Wheat
24 months ¹	All crops not listed

¹ A successful soil bioassay must be performed prior to planting any crops not listed sooner than 24 months after a *League* MVP Herbicide application. A successful bioassay is one in which a representative soil sample is taken from the field in question and the crop to be planted into that field is safely grown in that soil.

INSTRUCTIONS FOR USE IN RICE

Weeds Controlled/Suppressed by *League MVP* Herbicide

COMMON NAME	SCIENTIFIC NAME	RATE OF LEAGUE MVP HERBICIDE
Broadleaf and Aquatic Weeds		30 to 35 lb/A Weeds beyond the one-leaf growth stage may not be controlled. Use the higher rate when weed pressure is high or when the weed growth stage is near the upper application limit. Use the lower rate when weed pressure is lower and weeds are smaller in size. Weeds must be submerged for optimum control. Do not apply more than 35 lb League MVP Herbicide per acre per year. Application Instructions Apply after flooding when rice is in the expanded two-leaf stage (first open leaf). Do not apply if rice is exhibiting symptoms of stress. [The variety Cal Pearl may react adversely to some stress conditions more than other varieties.] Cold weather during the planting season may result in decreased weed control due to prolonged period of weed seed germination. A minimum water-hold period is required after application (see Water Management Instructions).
Controlled		
[Arrowhead, California	Sagittaria montevidensis]	
[Arrowhead, Gregg	Sagittaria longiloba]	
[Buckwheat, Wild	Polygonum convolvulus]	
Burhead	Echinodorus cordifolius	
[Burning Nettle	Urtica urens]	
[Cocklebur, Common	Xanthium strumarium]	
[Curly Dock	Rumex crispus]	
Ducksalad	Heteranthera limosa	
[Eclipta	Eclipta prostrata]	
[Falsepimpernel, Common	Lindernia nummulariifolia]	
[Galinsoga, Hairy	Galinsoga ciliate]	
[Groundcherry	Physalis spp.]	
[Groundsel, Common	Senecio vulgaris]	
[Hemp Sesbania	Sesbania exaltata]	
[Jointvetch, Indian	Aeschynomene indica]	
[Jointvetch, Northern	Aeschynomene virginica]	
[Lambsquarters, Common	Chenopodium album]	
[Mayweed	Anthemis cotula]	
[Monochoria	Monochoria vaginalis]	
[Morningglories, Annual	Ipomoea spp.]	
Naiads	Najas spp.	
[Pigweeds (except Livid)	Amaranthus spp.]	
Pondweed, American	Potamogeton nodosus	
[Prickly Sida	Sida spinosa]	
[Purple Ammannia	Ammannia coccinea]	
[Purslane, Common	Portulaca oleracea]	
[Ragweed, Common	Ambrosia artemisiifolia]	
[Red Vine	Brunnichia ovata]	
Redstem	Ammannia spp.	
[Shepherd's-purse	Capsella bursa-pastoris]	
[Smartweed, Pennsylvania	Polygonum pensylvanicum]	
[Sowthistle	Sonchus oleraceus]	
[Texasweed	Caperonia palustris]	
[Thistle, Russian	Salsola iberica]	
[Turnip, Wild	Brassica napus]	

continued

Weeds Controlled/Suppressed by *League MVP Herbicide* continued

COMMON NAME	SCIENTIFIC NAME	RATE OF LEAGUE MVP HERBICIDE
Grasses and Sedges		30 to 35 lb/A
Controlled		
Barnyardgrass	Echinochloa crus-galli	Weeds beyond the one-leaf growth stage may not be controlled.
[Broadleaf Signalgrass	Brachiaria platyphylla]	
Bulrush, Ricefield	Scirpus mucronatus	
[Bulrush, River	Scirpus fluviatilis]	Use the higher rate when weed pressure is high or when the weed growth stage is near the upper application limit. Use the lower rate when weed pressure is lower and weeds are smaller in size.
[Cattails	Typha spp.]	
[Crabgrass	Digitaria spp.]	
Early Watergrass	Echinochloa oryzoides	
[Junglerice	Echinochloa colona]	
[Nutsedge, Yellow	Cyperus esculentus]	
[Panicum, Fall	Panicum dichotomiflorum]	
[Red Rice	Oryza sativa]	
[Rice Cutgrass	Leersia oryzoides]	
Smallflower Umbrellaplant	Cyperus difformis	
[Spikerushes	Eleocharis spp.]	Weeds must be submerged for optimum control.
Sprangletop	Leptochloa spp.	
[Spreading Dayflower	Commelina diffusa]	Do not apply more than 35 lb League MVP Herbicide per acre per year.
Waterhyssops	Bacopa spp.	
[Waterplantain, Common	Alisma plantago-aquatica]	Application Instructions Apply after flooding when rice is in the expanded two-leaf stage (first open leaf). Do not apply if rice is exhibiting symptoms of stress. [The variety Cal Pearl may react adversely to some stress conditions more than other varieties.]
Suppressed		
Late Watergrass	Echinochloa phyllopogon	 Cold weather during the planting season may result in decreased weed control due to prolonged period of weed seed germination.
		A minimum water-hold period is required after application (see Water Management Instructions).
Aerial Application Restrictions <ul style="list-style-type: none">• Fixed wing aircraft only.• Release height must be 20 to 30 ft.• Wind speed cannot exceed 7 mph.		

Water Management Instructions

Do not drain *League* MVP Herbicide treated fields for a minimum of 30 days after application, except where the County Agricultural Commissioner may allow shorter water holding periods for hydrologically isolated fields, or for fields associated with systems designed to isolate discharged water from natural bodies of water. Examples of such systems include tailwater recovery systems for single or multiple fields, and use of fallow land for ponding discharge water. Contact the County Agricultural Commissioner for further information on acceptable water management practices.

Maintain water level in the checks at 3 to 4 inches with no exposed soil. Maintain water flow at a minimum during and up to four days after application for best weed control.

RECOMMENDED MANAGEMENT PRACTICES

POST-FLOOD WATER-SEEDED USES OF *LEAGUE* MVP HERBICIDE

League MVP Herbicide use in rice fields which develop anaerobic (low oxygen content) soil conditions following planting may reduce plant stand and yield. Anaerobic soil conditions are likely to occur when: (1) green matter and crop residue is plowed or worked into the soil prior to planting, (2) internal soil drainage is slow (poor percolation), (3) there is a continuous flood, and/or (4) there are areas in the field which retain water during periods of prescribed flood removal. Symptoms of anaerobic conditions include: (1) dark green foliage, (2) reduced plant height, (3) plant deformation.

Management practices which will help to minimize the development of anaerobic soil conditions and thereby promote good soil conditions for the production of healthy rice treated with *League* MVP Herbicide are:

- Removal of previous crop and weed residues, or
- Destruction of previous crop and weed residues by:
 - burning (where state regulations allow)
 - fall and winter plowing
 - use of chemical “burndown” (glyphosate or paraquat) to prevent vegetation buildup after initial ground preparation (fall and winter plowing) and prior to final seedbed preparation.
- Application of fertilizer based on soil test results – do not apply excess phosphorus.
- Uniform leveling practices which eliminate low spots in the field and ensure that the field can be entirely drained, if necessary. (This is far more difficult to achieve with the use of contour levees. Fields which have been precision leveled for perimeter ditches or straight levees are more suited to rapid removal of flood water.)
- Maintain uniform flood depth of 3 to 4 inches.

Precaution

Water-seeded rice fields treated with *League* MVP Herbicide (post-flood) must be inspected regularly through the stand establishment and tillering stages. If phytotoxic symptoms (see above) occur, immediately drain the field (if recirculating systems or water impoundment allows or the field is hydrologically isolated) for 7 to 14 days or until the soil starts to crack to allow the soil to oxygenate; then reflood. Low spots which do not drain completely may continue to display phytotoxic symptoms. [Use of *League* MVP Herbicide on rice fields which cannot be drained as necessary due to California water holding restrictions, may result in phytotoxic symptoms and **is done at the sole risk of the user.**]

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry, secure place. Protect from excessive heat. Do not store or transport near feed or food. Not for use or storage in or around the home. For help with any spill, leak, fire or exposure involving this material, call day or night: 800-892-0099.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

Nonrefillable bag. Do not reuse or refill the bag. Completely empty the bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into equipment. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

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Manufactured for:
Valent U.S.A. LLC
P.O. Box 8025
Walnut Creek, CA 94596-8025

Made in U.S.A.

EPA Reg. No. 59639-189
EPA Est. No.

059639-00189.20190627.LeagueMVP.AMEND_SU.Clean