



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 2, 2025

Leanna Bosarge
Director, Regulatory Affairs
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Subject: Label Amendment - Registration Review Mitigation for Metsulfuron Methyl
Product Name: CSI 15-113 MSM .165 GR
EPA Registration Number: 53883-402
Case Number: NA
Application Date: December 11, 2017

Dear Leanna Bosarge:

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 Metsulfuron Methyl Interim Decision, 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.

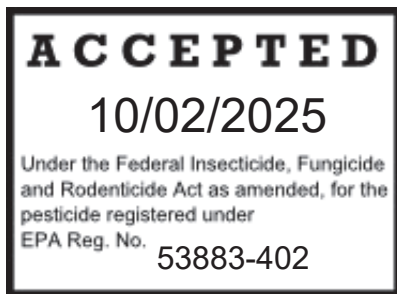
If you have any questions about this letter, please contact Concepción Rodríguez by phone at 202-566-0820, or via email at rodriguez.concepcion@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Muhammad-Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label



Text in brackets and italics are notes to the label editor.
Text in brackets alone are optional statements or alternative statements.
Text separated by / denotes and/or options.

GROUP	2	HERBICIDE
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CSI 15-113 MSM .165GR

[Weed and Feed]

For use on St. Augustine, Bermudagrass, Centipedegrass, Seashore Paspalum and Zoysia Lawns for control of certain broadleaf weeds and grasses in turf of residential lawns, commercial and industrial sites and golf courses.

ACTIVE INGREDIENTS:

Metsulfuron-methyl* 0.0165%

OTHER INGREDIENTS:..... 99.9835%

TOTAL: 100.00%

*CAS Number 74223-64-6

This product applies 0.027 - 0.03 lbs. active ingredient per acre.



ADAMA

Consumer &
Professional
Solutions

Manufactured for:

Control Solutions, Inc.
5903 Genoa Red Bluff
Pasadena, TX 77507

EPA Reg. No: 53883-402

EPA Est. No: _____

Net Contents: _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back/side/top/bottom [panel/label] for additional precautionary statements

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® International for emergency medical treatment at (866) 897-8050.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treated area. Sweeping any product that lands on a driveway, sidewalk, or street, back into the treated area of the lawn will help to prevent run off to water bodies or drainage systems.

Metsulfuron methyl is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are

permeable, particularly where the water table is shallow.

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. This product is classified as having high potential for reaching surface water via runoff for several weeks 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 Metsulfuron methyl 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on sodfarms.

WEED RESISTANCE MANAGEMENT

For resistance management, CSI 15-113 MSM .165GR is a Group 2 herbicide. Any weed population may contain or develop plants naturally resistant to CSI 15-113 MSM .165GR and other Group 2 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. See use restrictions section for maximum application rates. Users should scout before and after application. Users should report lack of performance to registrant or their representative.

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

- Rotate the use of CSI 15-113 MSM .165GR 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.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and that considers cultural (e.g., precision fertilizer application method and timing to favor the turf and not the weeds), biological and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is 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.
- 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 turf types and weed biotypes.
- For further information or to report suspected resistance, contact Control Solutions, Inc. representatives at 1-800-242-5562.

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 spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

WINDBLOWN SOIL PARTICLES: CSI 15-113 MSM .165GR 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 direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying CSI 15-113 MSM .165GR if prevailing local conditions may be expected to result in off-site movement.

HOW AND WHEN TO APPLY

- For use on St. Augustinegrass (including Floratam), bermudagrass, centipedegrass, zoysiagrass, and seashore paspalum.
- May be used on tall fescue [and fine fescues] if temporary discoloration can be tolerated.
- Apply anytime/when weeds are actively growing [in spring, summer, or fall].
- May be applied to a wet or dry lawn.
- For best results apply to grass that is wet from dew or watering.
- Mow tall grass a day or two before application.
- If rain does not occur within 2-3 days after application, water in lightly for activation.
- For severe weed problems, a second treatment may be required 2 months after the first.
- [Apply in the Fall to control winter weeds such as henbit, common chickweed, evening primrose and lawn burweed.]
- For safety, overall best weed control, and plant food results, apply with a suitable, correctly calibrated, broadcast or drop type, granule fertilizer spreader.
- Sweep product which lands on hard surfaces onto the lawn [to keep valuable feeding nutrients on the grass.]

APPLICATION INSTRUCTIONS

- Apply at a rate of 3.75 – 4.25 lbs. (0.0006 to 0.0007 lbs. a.i.) per 1,000 sq. ft. (164 – 185 lbs. per acre) (0.027 to 0.03 lbs. a.i. per acre).
- For centipedegrass, do not apply at greater than 3.75 lbs per 1,000 sq. ft. (164 lbs. per acre); 0.0006 lbs. a.i. per 1,000 sq. ft. (0.027 lbs. a.i. per acre).

USE RESTRICTIONS

- Do not allow people or pets to enter treatment areas until the application is complete and the grass is dry.
- Do not apply this product in a way that will contact any person either directly or through drift. Keep people and pets out of area during application.
- Do not apply on or under the branch spread area (drip line) of trees, shrubs, bedding plants, flowers or garden plants.
- Do not use on bahiagrass, ryegrass (annual and perennial) and blends that contain ryegrass.
- On centipedegrass, do not use in Spring until such time as the entire lawn area is mostly green.
- Do not overlap during application to centipedegrass as this may cause a delay in growth.
- Do not apply other pesticide products within 7 days of CSI 15-113 MSM .165GR application.
- Do not apply more than two times per year.

- Do not apply more than 8.5 lbs. per 1,000 sq. ft. (370 lbs. per acre) per year; 0.0014 lbs. a.i. per 1,000 sq. ft. (0.061 lbs. a.i. per acre) per year.
- Do not exceed 0.9 – 1.0 lbs. of Nitrogen per 1,000 sq. ft. in any one feeding during Spring.
- [Florida Applications: 4 annual feedings [4 lbs N/1000 sq ft] with the following exceptions: On centipedegrass do not exceed 2 feedings [2 lbs N/1000 sq ft] in the north and 3 feedings [3 lbs N/1000 sq ft] in the central and south. On zoysiagrass do not exceed 3 feedings [3 lbs N/1000 sq ft] in the north.] *[Language for products containing fertilizer as a carrier and intended to be sold in the state of Florida.]*
- [Florida Annual Fertilizer Application Restrictions: On centipede lawns, do not exceed rate of 2 lbs. of Nitrogen per 1,000 sq. ft. in the north and 3 lbs. of Nitrogen per 1,000 sq. ft. in the central and south.] *[Language for products containing fertilizer as a carrier and intended to be sold in the state of Florida.]*

SEEDING/SPRIGGING

May be applied after sprigging/sodding a new St. Augustinegrass, bermudagrass, centipedegrass, seashore paspalum or zoysiagrass lawn to prevent competition from germinating weeds. Water the new sprigs once established, then make the application of CSI 15-113 MSM .165GR.

SEEDING/SPRIGGING RESTRICTIONS

- Do not plant sprigs/sod for one month, or sow new grass seed for two months following application of CSI 15-113 MSM .165GR.
- Do not apply to newly seeded lawns until after the new grass has been mowed at least three times.

[WHAT TO EXPECT]

[Weeds in treated areas will stop growing 1 – 2 days after application.]

[Affected weeds will gradually die and disappear within 3 – 4 weeks after application.]

[Grass/Lawn will become greener in 1 – 2 weeks after application.]

WEEDS CONTROLLED OR SUPPRESSED

CONTROLS			
Annual sowthistle	Common yarrow	Hairy bittercress	Pineapple-weed
Aster	Corn speedwell	Henbit	Prostrate knotweed
Black medic	Creeping woodsorrel	Hop clover	Puncturevine
Broadleaf plantain	Crown vetch	Horseweed	Purple deadnettle
Buckhorn plantain	Cudweed	Khakiweed	Red clover
California burclover	Dandelion	Lambsquarters	Shepherd's -purse
Carolina geranium	Dollarweed (pennywort)	Lawn burweed (spurweed)	Spurge
Catsear	Eclipta	Mouseeear chickweed	White clover
Chicory	English daisy	Mustard	Wild carrot
Common chickweed	Evening primrose	Parsley – piert	Wild garlic
Common groundsel	Florida betony	Pensacola bahiagrass	Wild violet
Common mallow	Florida pusley	Perennial ryegrass	Yellow woodsorrel (Oxalis)
Common purslane	Ground ivy	Pigweed	

SUPPRESSES	
Argentine bahiagrass	Field bindweed
Canada thistle	Virginia buttonweed

2 MONTH CONTROL		
Broadleaf plantain	California burclover	Dollarweed (pennywort)
Buckhorn plantain	Dandelion	White clover

[Insert Optional Spreader settings chart.]

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in a cool, dry area out of reach of children.
CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. If Empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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 should 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 Control Solutions, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. 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 abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND 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 THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.

Language for products containing fertilizer as a carrier:

GUARANTEED ANALYSIS X-X-X [Not to exceed maximum Nitrogen content from formulation.]

[Insert fertilizer breakdown and derivation statement per state fertilizer laws.]

Information regarding the contents and levels of metals in this product is available on the internet at
[insert appropriate web address]

[The following optional statements will be used for products sold in Florida in order to comply with the Florida (fertilizer) Urban Turf Rule.]

North Florida is defined as north of a line extending from Cedar Key to Daytona Beach. Central Florida is defined as south of the line extending from Cedar Key to Daytona Beach to a line extending from Tampa to Vero Beach. South Florida includes the remaining southern portion of the state.

Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices [for feeding your lawn.]

Check with your county or city government to determine if there are local regulations for fertilizer use.

North Florida is north of Ocala. Central Florida is defined as south of Ocala to a line extending from Vero Beach to Tampa. South Florida includes the remaining southern portion of the state.

[Optional Marketing Claims:]

- [Covers/treats/feeds/fertilizes XXXX sq ft/XX ft x XXX ft] *Coverage denoted by "X" will be added to FPL.*
- Controls [or suppresses] *[insert one or more weeds from the weed list]*
- Apply in early/late spring: March/April/May/June
- Apply in Fall: Aug/Sep/Oct
- Apply in late spring/summer: May/June/July/Aug
- Apply in the fall to kill reoccurring *[insert/any all listed weeds]*
- Apply in, spring, summer or fall
- Apply when/anytime weeds are growing
- Feeds/Greens lawn/grass and controls insert weed(s) from 2-month control list for 2 months [for a greener, healthier lawn]
- For best results, apply to a wet lawn
- For Southern Lawns
- All you need for a thick, green lawn without *[insert weed(s) from weed list]*
- Apply once and you're done [with listed weeds] [with dollarweed/pennywort [& clover]] up to 2 months

- Clears/Takes out weeds/ Controls [dollarweed/pennywort [& clover]] [listed weeds with 2-month control] for up to 2 months
- Controls insert weed(s) from 2-month control list for 2 Months and feeds/thickens/provides nutrients to grass to fill in bare spots.
- Controls/Kills [the] listed weed(s) / insert weed(s) from weed list down to the root
- Controls/kills [tough/hard to kill/southern] listed weeds /weeds as listed [including insert weed(s) from weed list]
- Controls/kills dollarweed/pennywort and [XX] other [common] [lawn] weeds**
- Controls/kills dollarweed/pennywort, chickweed and [over] [XX] [common] [lawn] weeds** while greening your lawn without rapid, extreme growth.
- Controls/Kills/Clears out [listed weed(s)/]/common [broadleaf] [southern] listed weeds [guaranteed] [while feeding/greening your lawn]
- Effective [feeding and] weed control for mixed/major southern lawn(s)/grass [types]
- Kills [*insert any/all listed weeds*] and feeds/thickens/provides nutrients to grass to crowd out new/future weeds.
- Kills [*insert any/all listed weeds*] and feeds/thickens/provides nutrients to grass to fill in bare spots.
- Kills dollarweed/pennywort and other [common] [lawn] weeds [as listed] [**]
- Kills listed weeds /weeds/southern weeds as listed / insert weeds(s) from weed list / [major] listed broadleaf weeds through the root x Kills listed weeds/ [weed] seedlings you see and those/others you don't
- Kills listed weeds/insert weed(s) from weed list in 3 to 4 weeks
- Kills listed weeds/weeds as listed [and won't burn mixed lawns/grass [types] when used as directed]
- Kills weeds through/to the root
- Kills/Controls weeds and fertilizes your lawn
- Penetrates to the root [zone/area] to take out /kill the whole weed
- Works in/See it working in one to two weeks
- Weed control made easy
- Weed control plus fertilizer/lawn food
- This product controls listed weeds and helps you get a thicker, stronger lawn [with increased root development]

**as listed