**Acramite®-4SC**

FOR CONTROL OF MITES IN BEETS AND SPINACH GROWN FOR SEED  
EPA REG. No. 400-514 / EPA SLN NO. WA-150003

This label for Acramite-4SC expires and must not be distributed or used in accordance with this SLN registration after December 31, 2017

**DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA-registered label.

**BEETS AND SPINACH GROWN FOR SEED ONLY**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Mites Controlled</th>
<th>Amount per Acre</th>
<th>Gallons Spray Solution Per Acre (Ground App.)</th>
<th>Gallons Spray Solution Per Acre (Aerial App.)</th>
<th>Maximum Number Of Sprays Per Year</th>
<th>Minimum Spray Interval (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beets, Spinach - grown for seed only</td>
<td>Two-spotted spider</td>
<td>16 -24 fl. oz.</td>
<td>minimum of 20</td>
<td>minimum of 8</td>
<td>2a</td>
<td>14</td>
</tr>
</tbody>
</table>

*use a product with a different mode of action grouping between any two applications of Acramite-4SC

Acramite-4SC is a suspension concentrate (flowable) for preparing sprays to control two-spotted spider mites. It is not systemic in action; therefore, complete coverage of both upper and lower leaf surfaces is necessary for effective control. Apply high rate to areas with high mite infestation and to areas which historically have had high mite infestations.

Add recommended dosage (from preceding table) of the product to the spray tank. Refer to the EPA-registered label for mixing and application instructions.

**For Ground Application:** Apply recommended dosage by conventional ground sprayer equipment capable of delivering sufficient water to obtain thorough, uniform coverage of the target crop. Spray equipment boom and nozzles should be oriented in a manner to minimize boom height to optimize coverage uniformity, maximize deposition and reduce spray drift. Drop nozzles may be required to obtain uniform coverage against certain pests that develop down in the canopy. A minimum spray volume of 20 gallons per acre should be used with ground spray equipment. Higher gallonages will provide better coverage and performance. Use hollow cone, disc-core hollow cone or twin jet fan nozzles suitable for miticide spraying.

**For Aerial Application:** Apply in a total of at least 8 gallons per acre using a nozzle configuration that will provide a median droplet size of 200-300 microns. Higher gallonages will provide better coverage and performance. Observe the minimum safe application height – not greater than 12 feet above crop canopy. Boom length must be less than 75% of...
wing span and swath markers, flagging or GPS system should be used during application. Applications should be made when wind speed is between 2 and 10 mph. Do not make applications when wind speed exceeds 10 mph. Under low humidity and high temperatures, spray volume should be adjusted upward to compensate for evaporation of spray droplets. Ultra Low Volume (ULV) application is not permitted.

Restrictions / Precautions:
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
- For use under this SLN label do not apply this product through any type of irrigation system.
- All beet/spinach seed screenings shall be disposed of in such a way that they cannot be distributed or used for human food or animal feed. The seed conditioner shall keep records of screening disposal for three years from the date of disposal and shall furnish the records to the WSDA immediately upon request. Conditioner disposal records shall consist of documentation of on-farm disposal, disposal at a controlled dump site, incinerator, composter, or other equivalent disposal site and shall include the lot numbers, amount of material disposed of, the grower(s), and the date of disposal.
- No portion of the beet/spinach seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.
- Beet/spinach seed shall bear a tag or container label which forbids use of the seed for human consumption or animal feed.
- Beet/spinach seed may not be distributed for human consumption or animal feed.

POLLINATOR PROTECTION: PPS not required for these crops grown for seed

WSDA's AQUATIC ADVISORY: This pesticide is toxic to birds, estuarine/marine invertebrates, and fish. Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water, or rinsate. Acramite-4SC Agricultural Miticide should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA Endangered Species Program web site at [http://agri.wa.gov/PestFert/NatzResources/EndangerSpecies.aspx](http://agri.wa.gov/PestFert/NatzResources/EndangerSpecies.aspx), or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for information regarding aquatic species listed as threatened or endangered. Consult the federal label for additional restrictions and precautions to protect aquatic organisms.

WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading, because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at [http://agr.wa.gov/PestFert/Pesticides/WastePesticide.aspx](http://agr.wa.gov/PestFert/Pesticides/WastePesticide.aspx). Cleaned containers may also be disposed of in a sanitary landfill, if permitted by the county. Burning is not a legal method of container disposal in Washington.

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Application for/Notification of State Registration of a Pesticide To Meet a Special Local Need
(Pursuant to section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as Amended)

1. Name and Address of Applicant for Registration
   Macdermid Agricultural Solutions, Inc.
   245 Freight Street
   Waterbury, CT 06702

2. Product is (Check one)
   [X] EPA-Registered
   [ ] New (not EPA-registered)

3. Active Ingredient(e) in Product
   bifenazate

4. Product Name
   Acramite-4SC Agricultural Miticide

5. If this is a food/feed use, a tolerance or other residue clearance is required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or 186.
   [ ] Yes
   [ ] No

6. Type of Registration (Give details in Item 13 or on a separate page, properly identified and attached to this form):
   [ ] To permit use of a new product.
   [ ] To amend EPA registrations for one or more of the following purposes:
     [X] To permit use on additional crops or animals.
     [ ] To permit use at additional sites.
     [ ] To permit use against additional pests.
     [ ] To permit use of additional application techniques or equipment.
     [ ] To permit use at different application rates.
     [ ] Other (specify below)

7. Nature of Special Local Need (Check one)
   [ ] There is no pesticide product registered by EPA for such use.
   [ ] There is an EPA-registered pesticide product which, under the conditions of use within the State, would be as safe and/or as efficacious for such use within the terms and conditions of EPA registration.
   [X] An appropriate EPA-registered pesticide product is not available.

8. If this registration is an amendment to an EPA-registered product, is it for a "new use" as defined in 40 CFR 152.3?
   [ ] Yes (discuss in Item 13 below)
   [ ] No

9. Has an EPA Registration or Experimental Use Permit for this chemical ever been sought, issued, denied, cancelled, or revoked?
   [ ] Sought
   [ ] Issued
   [ ] Denied
   [ ] Cancelled
   [ ] Revoked
   [X] No

10. Has FIFRA section 24(c) registration for this use of the product ever, by another State, been sought, issued, denied, cancelled, or revoked?
    [ ] Sought
    [ ] Issued
    [ ] Denied
    [ ] Cancelled
    [ ] Revoked
    [X] No FIFRA section 24(c) Action

11. Endangered Species Act: (Give details in Item 13 or on a separate page, properly identified and attached to this form)
    Identify the counties where this pesticide will be used. If Statewide, indicate "all."
    A list of Federally protected endangered/threatened species which occur in the areas of proposed use.

12. Indicate use status of Special Local Need, i.e., planned dates of use:
    From: 05/21/2015
    To: 12/31/2022

13. Comments (attach additional sheet, if needed)

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature of Applicant or Authorized Representative

R. Tim Weiland
 Registration Specialist

Date
 March 9, 2015

Telephone Number
 203-575-5957

Name, Title, and Address of State Agency Official

Steve L. Foss
Program Specialist
Washington State Dept of Agriculture
1111 Washington St. SE
Olympia, WA 98054

Date
 March 9, 2015

Telephone Number
 360-902-2049

Comments (by State Agency Only)

Name, Title, and Address of State Agency Official

Comments (by State Agency Only)

EPA Copy
March 31, 2015

Tawanda Maignan, Team Leader (Team 9)
Risk Integration, Minor Use, and Emergency Response Branch
U.S. EPA Office of Pesticide Programs (7505P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA  22202

RE: EPA SLN Reg. No. WA-150003

Enclosed is Washington Special Local Need (SLN) registration number WA-150003 issued to the Macdermid Agricultural Solutions, Inc for use of Acramite-4SC Agricultural Miticide (EPA Reg. No. 400-514) on spinach and beets grown for seed to control two-spotted spider mites. This registration was issued under the authority of Section 24(c) FIFRA.

There is a special local need situation in Washington for a rotational miticidal product in spinach and beet seed production to maintain a resistance management program. Dr. Beverly Gerdeman, Assistant Research Professor, WSU NWREC supports this 24c registration because resistance development has occurred rapidly and repeatedly in many plant systems due to the nature of two-spotted spider mites. Two-spotted spider mites have developed resistance to abamectin and bifenthrin. Pyrethrins do not provide the residual activity needed in spinach and beets grown for seed. Potassium silicate and potassium laurate may help to suppress mite populations, but does not provide the level of control required in these seed crops.

A tolerance for residues of bifenazate on spinach and beets grown for seed is not required, since these crops are considered to be non-food uses in Washington (Washington Administrative Code 16-228-1270).

If you have any questions, please contact me at (360) 902-2049 or by e-mail at sfoss@agr.wa.gov.

Sincerely,

PESTICIDE MANAGEMENT DIVISION

Steve L. Foss
Program Specialist

SLF:jh
Enclosure

cc: Caroline Maselli, MacDermid Agricultural Solutions, Inc.  Beverly Gerdeman, WSU
    Douglas Walsh, WSU  CharLee Parker, WSU
    Rose Kachadoorian, ODA  Ben Miller, IDA