

5481-580

8/26/2014

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Chemical Safety and Pollution Prevention  
Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, DC 20460

EPA Reg. Number:

**5481-580**

Date of Issuance:

**AUG 26 2014**

Term of Issuance:

Unconditional

Name of Pesticide Product:

**AMV 1015 Seed Treatment**

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Krystal Jenkins  
AMVAC  
4695 MacArthur Court, Suite 1250  
Newport Beach, CA 92660

Mailed to:

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The basic formulation CSF dated April 7, 2014 of this product is acceptable and will be added to your file. At this time there are no alternate CSFs for this product.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

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Signature of Approving Official:

Date:

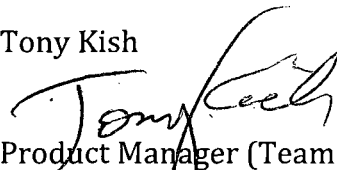
**AUG 26 2014**

Tony Kish, Product Manager (22)  
Fungicide Branch/Registration Division/OPP/OCSPP (7504P)

1. You must submit and/or cite all data required for registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following change to the label:
  - a. Change the product registration number to "EPA Reg. No. 5481-580"
3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action, including, among other things, cancellation under FIFRA section 6(e). A copy of the label stamped "Accepted" is enclosed for your records.

Tony Kish



Product Manager (Team 22)  
Fungicide Branch  
Registration Division (7504P)

# AMV 1015 Seed Treatment

AMV 1015 Seed Treatment is a plant growth regulator which restores apical dominance on potato seed.

## FOR USE ON POTATO SEED ONLY

### ACTIVE INGREDIENTS

1-Naphthaleneacetic Acid, Potassium Salt*.....	6.25%
Other Ingredients.....	93.75%
Total 100.0%	

\*Equivalent to 5.18% 1-Naphthaleneacetic Acid or 200 grams (0.44 Lbs.) per gallon.

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call poison control center or doctor for further treatment advice.</li> </ul>
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b>	
For Medical Emergencies phone:.....	888-681-4261
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®.....	800-424-9300
For Product Use Information phone : AMVAC®.....	888-462-6822

See side/back Panel for additional precautionary statements and directions for use

EPA Reg. No. 5481-XXX

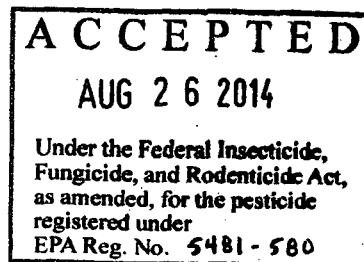
EPA Est. No.

Net Contents:

As marked on container



4100 E Washington BLVD  
Los Angeles, CA 90023 U.S.A.  
(888) 462-6822



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**Caution:** Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes and socks

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

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing 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 directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of waters. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when conditions favor drift from treated areas.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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 expectations pertaining to the statements in this labeling about personal protective equipment (PPE), and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 48 hours.

PPE required for early entry 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 made of any waterproof material, shoes plus socks, protective eyewear.

**CONDITIONS OF USE**

AMV 1015 Seed Treatment is a synthetic auxin plant hormone. The response of potatoes to an application of this growth regulator can vary among cultivars, as well as environmental conditions and cultural practices. It is the responsibility of the applicator to determine the best use of the product from practical experience gained through trial use on a small scale under local environmental conditions and seed lot profiles. AMVAC makes AMV 1015 Seed Treatment available for use in the manner described on the label on the basis that in the sole opinion of the user, the benefits or utility derived from the use of AMV 1015 Seed Treatment on potatoes outweigh the potential risk of crop injury or loss. If these Conditions of Use are not

acceptable, the unopened product may be returned to the seller for a refund. These Conditions of Use are specified by Amvac and not the EPA or any state.

All treated seed must be planted. Do not use in a greenhouse.

**SEED TREATMENT FOR STEM MANAGEMENT AND REDUCTION OF UNDERSIZED TUBERS**

AMV 1015 Seed Treatment helps restore apical dominance on potato seed. Certain varieties of aged seed can be more prone to producing excessive stems. The proper treatment of such seed tubers can provide more optimal stem numbers and improve marketable size distribution. Applications of AMV 1015 Seed Treatment at any rate can range from no effect to the complete elimination of stems. Treated seed planted in cool, wet soils can result in greater reduction of stems and can lead to a potential delay in emergence and possible yield loss.

**MIXING INSTRUCTIONS**

Growers should always check compatibility by using the correct proportion of the intended products in a small test container. Growers should then test the tank-mix combinations for possible adverse effects (such as settling out, flocculation, etc.) and for phytotoxic effects on a small sample of plants prior to use.

**USE PRECAUTIONS**

For best results, potato seed pieces should be planted immediately after treatment of AMV 1015 Seed Treatment. If the treated tubers need to be stored or held prior to planting, make sure that there is adequate cool air (60 degrees Fahrenheit) movement through the pile of cut seed potatoes at a relative humidity of 85-90%. Cut and treated seed should not be piled above 7 feet in height. When transporting cut and treated seed, make sure the seed is covered.

AMV 1015 should always be used in what are generally considered normal cropping conditions. Normal cropping conditions include soil with good water drainage, acceptable soil fertility, and soil temperatures conducive to timely germination and plant emergence. Any deviation from normal growing conditions, adverse environmental conditions or changes in production practices may alter a crop's response to AMV 1015 Seed Treatment.

AMV 1015 Seed Treatment must be used only for purposes listed on the label. Do not exceed the rates specified on the label. (DO NOT OVERDOSE.)

Growers should always check compatibility of AMV 1015 Seed Treatment with other seed treatments by mixing the correct proportion of the intended products in a small test container. Growers should then test the tank-mix combinations for possible adverse effects such as; settling out, flocculation, or other adverse reactions. For phytotoxic effects caused by the combination, growers should test on a small sample prior to commercial scale use.

Follow the directions for use, precautions and limitations for use on all product labels used in combination.

AMV 1015 Seed Treatment should be used with high quality certified seed and the incorporation of cultural practices such as: crop rotation, optimal harvest timing, and proper handling of tubers to minimize bruising and improve storage quality. Sound strategy should also include sanitation of equipment and storage areas to reduce disease inoculum and control of storage area temperature, humidity, and ventilation. Consult your local agricultural extension agent for more information on disease management practices.

Apply AMV 1015 Seed Treatment using dispersing equipment that will give thorough coverage of the product to the cut seed-piece surfaces.

POTATOES			
Variety	Rate/Acre (20 cwt. Or 1 ton of Seed)	Example	Restrictions
Russet Potatoes	0.16 fl oz	7.5 fl oz AMV 1015 Seed Treatment at 0.16 fl oz per acre treats 46.8 tons of seed or 936 cwt	Apply AMV 1015 Seed Treatment in enough water to ensure adequate coating of the seed pieces, without damaging the seed.
Non-Russet Potatoes	0.115 fl oz	7.5 fl oz AMV 1015 Seed Treatment at 0.115 fl oz per acre treats 65.2 tons of seed or 1,304 cwt	Tank-mix AMV 1015 Seed Treatment only with known physically compatible products (see compatibility statement under "Mixing Instructions").  Pre-Harvest Interval (PHI) is 90 days.

Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE STORAGE:** Store product in original container in a cool (not in direct sunlight), dry, locked place out of the reach of children. Do not allow the product to freeze.

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

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container, Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

AMVAC Chemical Corporation 4100 E. Washington Boulevard; Los Angeles, CA 90023 U.S.A.

(888) 462-6822

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