



STATE OF IDAHO

DEPARTMENT OF AGRICULTURE

DIVISION OF AGRICULTURAL RESOURCES

C.L. "BUTCH" OTTER
Governor
CELIA R. GOULD
Director

April 1, 2016

Tawanda Maignan, Team Leader
Emergency Response Team (7505P)
USEPA/OPP (7504C)
Document Processing Desk (EMEX)
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

RE: Special Local Need (SLN) Registration 24(c) for Dimethenamid-P (Outlook Herbicide) EPA Reg. No. 17969-156, For Control of Yellow Nutsedge in Spanish yellow onions through irrigation drip tape in Idaho, manufactured by BASF, SLN #ID-160001.

Dear Ms. Maignan:

Enclosed is a Section 24(c) Special Local Need registration (SLN) for the use of Dimethenamid-P (Outlook Herbicide) EPA Reg. No. 17969-156, For Control of Yellow Nutsedge in Spanish yellow onions through irrigation drip tape in Idaho, manufactured by BASF, SLN #ID-160001. The current label for Outlook Herbicide does not allow chemigation to dry bulb onions, but does allow chemigation applications to other crops on the label. This label references the chemigation section of the federal label for restrictions and directions on properly chemigating this product on onions. Recent research conducted by Dr. Joel Felix, Oregon State University, has shown that application via irrigation drip tape in Spanish yellow onions is significantly more effective than surface applied applications, with minor or no crop injury. In his research paper titled "*Evaluation of Outlook Applied through Drip Irrigation To Control Yellow Nutsedge*" Dr Felix stated "Mid-season yellow nutsedge control on July 9, 2015 was estimated between 70 and 90%, compared to 9% for the standard post-emergence application (Table 6)." Yellow nutsedge has become the biggest weed problem affecting quality and yields in Spanish yellow onions in Idaho and is continuing to spread. The Malheur Experiment Station in Oregon (located on the western edge of the Treasure Valley, which includes most of the crop growing area in Southwestern Idaho) has estimated that severe infestations of yellow nutsedge in onions can reduce yields by as much as 60%.

The application rate via drip tape would be less than the foliar applied rates allowed on the federal label. The foliar applied rates allow a maximum of 21 ounces per application, not to exceed 21 ounces per year. This SLN label only allows a maximum application rate of 14 ounces per acre, but does allow a subsequent application, not to exceed 21 ounces per acre in a year. It would also be much earlier in the plant's life cycle and would have a longer PHI than the foliar applied rates. Approximately 60% of Spanish yellow onions in Idaho are irrigated via drip tape and this would allow the herbicide to be applied in a safer and more effective manner in the majority of Spanish yellow onion fields. Additionally, an application via drip tape eliminates the risk of application drift. This SLN label also prohibits tank mixing with other pesticides, fertilizers, adjuvants or other products.

Outlook SLN on Dry Bulb Onions in Idaho
SLN ID-160001
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If you have any questions about this SLN, contact me at 208-332-8531, or via e-mail at george.robinson@isda.idaho.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "George Robinson". The signature is fluid and cursive, with a long horizontal stroke at the end.

George Robinson, Administrator
Division of Ag Resources

Enclosures

P.c.: Mary Fryczynski, BASF
Ronda Hirnyck, U of I
Dr. Joel Feliz, OSU
Clinton Wissel, Idaho Onion Growers Assoc

For distribution and use only in
Ada, Canyon, Gem, Owyhee, Payette,
and Washington Counties in Idaho

RECEIVED

MAR 16 2016

DIV OF AG RESOURCES

Group 15 Herbicide

**FIFRA Sec. 24(c)
Special Local Need Label**

**Outlook®
herbicide**

Application through drip tape chemigation in Spanish yellow dry bulb onions

This special local need label expires on December 31, 2019 and must not be used or distributed after this date.

Active Ingredient*:

dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide 63.9%

Other Ingredients:** 36.1%

Total: 100.0%

* Contains 6.0 pounds of active ingredient per gallon

** Contains petroleum distillates

EPA Reg. No. 7969-156

EPA SLN No. ID-160001

Directions For Use

Refer to the Outlook® herbicide main label, EPA Reg. No. 7969-156, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this label, the user must have this label and the entire Outlook container label in possession at the time of pesticide application.

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

Application Instructions

Outlook may be used as part of a weed management program in Spanish yellow dry bulb onions grown in mineral soils.

Apply Outlook through drip tape chemigation when dry bulb onions are in the 2-6 true-leaf stage (but no later in the growing season) with irrigation system drip tape buried 2 to 5 inches beneath the soil surface and between onion rows. Refer to the Chemigation Application via Sprinkler and Drip Irrigation Systems section of the Outlook container label.

Outlook applied through buried drip tape can cause onion injury. Under stressful conditions (such as improper seeding depth, inadequate or excessive moisture, cool or hot temperatures, compacted soils, injury from other pesticides, disease or other pest damage, mechanical injury, nutrient imbalances, or other conditions known to cause plant stress), Outlook injury will be intensified. Onion response is most often visible as stunting and/or twisting of the top leaves, but in its most severe form can result in yield reduction. Unacceptable onion response may be caused by uneven application, uneven seeding depth, or soil disturbances. Failure to plant dry bulb onions a minimum of 1 inch deep in the soil increases the injury potential.

It is impossible for BASF to test Outlook crop safety for all Spanish yellow dry bulb onion varieties and environmental conditions. Before applying Outlook through buried drip tape, growers should verify with BASF or university extension personnel that their variety has been tested. If the safety of that variety is unknown it is advised that growers conduct a small trial before treating large acreages.

Application Rate

Apply **Outlook® herbicide** in a single application of up to 14 fl ozs/A, or apply in split applications of 10 to 14 fl ozs/A of **Outlook** applied initially, followed by the remaining 7 to 11 fl ozs/A of **Outlook** in the sequential application. Separate sequential applications by at least 14 days. **DO NOT** apply more than a cumulative maximum amount of 21 fl ozs/A of **Outlook** through drip tape chemigation and/or foliar spray in a single growing season.

When applied through buried drip chemigation, DO NOT apply Outlook with any other pesticides, fertilizers, adjuvants, or other products.

To the extent permitted by law, BASF makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty regarding the use of **Outlook** through drip tape chemigation on dry bulb onions. There are many risks of loss or damage to onion crops associated with the use of **Outlook** through drip tape chemigation.

Crop-specific Restrictions

- **DO NOT** apply to any type of onions other than Spanish yellow dry bulb onion varieties.
- **DO NOT** apply more than a cumulative maximum amount of 21 fl ozs **Outlook** per acre per year.
- **DO NOT** apply other chloroacetamide herbicides, such as Dual Magnum® herbicide, to onions in the same season as **Outlook**.
- **DO NOT** apply through drip tape chemigation in muck or high organic matter soils.
- **Preharvest Interval (PHI):** 30 days

Disclaimer

The use of **Outlook** through drip tape chemigation may result in crop injury, loss or damage. BASF neither recommends, advocates, nor warrants the use of **Outlook** through drip tape chemigation on dry bulb onions. BASF recommends that the grower test **Outlook** through drip tape chemigation in order to determine its suitability for such intended use. **Outlook** through drip tape chemigation should be used by the grower only to the extent that, in the sole opinion of the grower, the benefit of using **Outlook** through drip tape chemigation outweighs the potential injury to the grower's crop.

The decision to apply **Outlook** through drip tape chemigation must be made solely by the grower with the understanding that yield may be reduced as a result of many factors, including but not limited to, insects, diseases, weed competition, poor seed quality, improper planting depth, mechanical cultivation, poor weather (including freezing or excessive wind, rain, heat or cold), lack of or excessive moisture, crusting, fertility, hardpans, and other adverse effects that may result from the use of **Outlook** through drip tape chemigation.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Outlook is a registered trademark of BASF.

Dual Magnum is a registered trademark of Syngenta Crop Protection, LLC.

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24(c) registrant:

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