



# Department of Pesticide Regulation



Brian R. Leahy  
Director

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Governor

June 21, 2018

CA No. 18-03

**AUTHORIZATION UNDER SECTION 18 OF THE FEDERAL INSECTICIDE,  
FUNGICIDE, AND RODENTICIDE ACT (FIFRA) FOR PESTICIDE USES UNDER  
SPECIFIC EXEMPTIONS FOR DISTRIBUTION AND USE ONLY WITHIN THE  
CALIFORNIA COUNTIES LISTED.**

Pursuant to authority granted under Section 18 of the Federal Insecticide, Fungicide and Rodenticide Act and 40 CFR, Part 166, approval is granted to use the pesticide shown below to control specified emergency.

**EPA File Symbol: 18-CA-04**

**Product:** INTREPID 2F (EPA Reg. No. 62719-442)

**Firm Name:** Dow AgroSciences LLC

**Location:** Butte, Colusa, Glenn, Merced, Sacramento, San Joaquin, Sutter, Yolo, and Yuba Counties

**Crop/Site/Commodity:** Rice

**Target Pest/Problem:** Armyworm

**Method of Application:** Aerial and Ground Application

**Aerial Application:**

Mount the spray boom on the aircraft so as to minimize drift caused by wing tip or rotor vortices. Use the minimum practical boom length and do not exceed 75% of the wingspan or 80% of the rotor diameter. Flight speed and nozzle orientation must be considered in determining droplet size. Spray must be released at the lowest height consistent with pest control and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.



**Ground Application:**

To avoid drift and achieve maximum performance of this product, make ground applications when the wind speed favors on-target product depositions (3 to 10 mph). Wind speed must be measured adjacent to the application site on the upwind side immediately prior to application. Do not apply when wind speed exceeds 10 mph. For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy. Shut off the sprayer when turning at row ends. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind directions are toward the aquatic area.

**Aerial and Ground Application:**

Apply in a minimum 5 gallons per acre. Use a higher carrier volume for heavy infestations and situation where thorough coverage is difficult to achieve.

**Spray Adjuvants:**

The addition of agricultural adjuvants to sprays of INTREPID 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

**Rate of Application (in terms of a.i. and product):**

8 - 10 fluid ounces (0.12 – 0.16 pounds ai per acre) of INTREPID 2F per acre

**Frequency/Timing of Applications:**

Begin applications when threshold levels of feeding damage occur. Use higher rate for heavier infestations and under conditions in which thorough coverage is more difficult.

If a second application is needed, apply on a 10-day interval.

To determine if treatment threshold has been reached grab rice plants with two hands at the base and slide up to the top of the plant. Count number of armyworms in each hand. Approximately 6 to 8 armyworms in each hand both times is the threshold to treat. Significant yield reduction can occur if defoliation is greater than 25% at 2 to 3 weeks before heading.

**Maximum Number of Applications:** Two

**Restricted Entry Interval (REI):** 4 hours

**Pre-harvest Interval (PHI):** 14 days

**Effective Date:** June 21, 2018

**Expiration Date:** October 4, 2018

**Other Requirements:**

- A maximum of 100,000 acres of rice may be treated in Butte, Colusa, Glenn, Merced, Sacramento, San Joaquin, Sutter, Yolo, and Yuba Counties.
- Do not apply more than 20 fluid ounces of INTREPID 2F (0.32 lb ai) per acre per year.
- Do not apply under conditions that would allow INTREPID 2F herbicide to come into contact with adjacent crops other than rice by drift as injury may occur.
- Do not apply INTREPID 2F by air when wind velocity exceeds 10 mph.
- Do not make more than two applications of INTREPID 2F per growing season.
- Hold treated water for at least 7 days after treatment.
- Applications made in accordance with the above provisions are not expected to result in residues of methoxyfenozide in or on rice, grain in excess of 0.50 parts per million (ppm) and rice, bran in excess of 4.0 parts per million (ppm). The Agency has determined that these levels are adequate to protect public health. Time-limited tolerances in connection with a crisis exemption have been established in 40CFR at 180.544(b), which also supports this emergency use.
- Use of this product may pose a hazard to endangered or threatened species. Before applying this product, applicators must obtain information regarding the proximity of endangered species habitats and follow any applicable use limitations. For details, contact your County Agricultural Commissioner or refer to the Department of Pesticide Regulation's PRESCRIBE Internet Database: <http://www.cdpr.ca.gov/docs/endspec/prescint.htm>

**PERSONAL PROTECTIVE EQUIPMENT:** Mixers/loaders and applicators must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made out of and waterproof material
- Shoes plus 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.

**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 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 intervals.

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 4 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

All applicable directions, restrictions, and precautions on the U.S. EPA registered label for INTREPID 2F (EPA Reg. No. 62719-442) and these use directions must be followed.

**These use directions must be in the possession of the user at the time of pesticide application.**

The Department of Pesticide Regulation (DPR), Pesticide Registration Branch, shall be immediately informed of any adverse effects resulting from the use of this exemption.

Please note: The United States Environmental Protection Agency (U.S. EPA) expects concerned growers or grower groups to work toward the registration of use patterns that may be needed on a continuing basis. It will, therefore, be necessary to require applicants wishing to renew emergency exemptions to provide a progress report on residue tolerance and registration along with request for re-issuance of an emergency exemption. Without substantial progress in pursuing a tolerance and registration for the use in question, it will be difficult to obtain an emergency exemption for another season. The pesticide manufacturer or Western Region IR-4 may be contacted regarding the initiation of a pesticide petition for residue tolerance.

A final report must be submitted by the county agricultural commissioner to the Pesticide Registration Branch within 45 days of the expiration date of this exemption. This report must include the following information:

- a. Amount of product used.
- b. Units (i.e., acres, trees, cattle) treated.
- c. Number of applications.
- d. Estimate of effectiveness.
- e. Any adverse effects noted.

**Prior to use under this exemption, a permit must be obtained from the county agricultural commissioner.** The permit shall state the maximum number of acres to be treated, maximum amount of product that may be applied, and dealer from which the product may be purchased. The purchaser (permittee) or purchaser's (permittee's) agent must provide the seller, or person delivering the restricted material, a copy of the permit on the date the restricted material is delivered. The dealer shall maintain a record of each sale, which shall be made available to representatives of DPR or county agricultural commissioner upon request. Such records shall include the date of sale or delivery, permit number, identity and amount of product purchased, and the name of the purchaser.

All applications of this material shall be made by or under the supervision of a certified applicator certified for this category of pest control.

Agricultural pest control businesses shall submit a pesticide use report to the county agricultural commissioner within seven days of each treatment. Growers who apply this material shall submit a pesticide use report to the county agricultural commissioner by the 10th day of the month following the month in which the applications are made. The county agricultural commissioner, in cooperation with the Pesticide Registration Branch, will monitor the use of the product under this exemption and will prepare a written report describing any unusual or adverse effects attributable to this use.

This exemption does not constitute a recommendation of DPR and will not prevent quarantine action if illegal residues are found in or on any crop.

To the extent consistent with applicable law, neither DPR nor the county agricultural commissioner, manufacturer or formulator makes any warranty of merchantability, fitness of purpose, or otherwise, expressed or implied, concerning the use of a pesticide in accordance with these provisions. The user and/or grower acknowledge the preceding disclaimer.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Margaret Reiff', with a small 'for' written below it.

Margaret Reiff  
Environmental Program Manager I (Supervisory)  
Pesticide Registration Branch  
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<Margaret.Reiff@cdpr.ca.gov>