



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511M)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

279-9686

Date of Issuance:

9/4/2025

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

XUJ21

Name and Address of Registrant (include ZIP Code):

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her 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 the 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.

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

1. Submit and/or cite all data required for registration or registration review of your product when EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Gina Burnett, Senior Regulatory Advisor
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention Division (7511M)
Office of Pesticide Programs

Date:

9/4/2025

2. Make the following labeling change before you release this product for shipment:
 - Revise EPA Registration Number to read, "EPA Reg. No. 279-9686."
3. The alternate brand name: Fermate™ Z11-16 ACE active technical has been added to the product's records.
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 05/09/2025

If you have any questions, please contact Menyon Adams by phone at (202) 566-1604 or via email at adams.menyon@epa.gov.

Sincerely,



Gina Burnett, Senior Regulatory Advisor
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure

[Text in brackets [x] denotes optional text.]

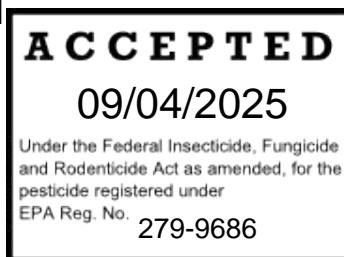
XUJ21

[ABN: FERMATE™ Z11-16 ACE active technical]

A biochemical for mating disruption

for Manufacturing Use Only

EPA Reg. No. 279-OAIA



EPA Est. _____

Active ingredient:

(Z)-11-Hexadecen-1-yl acetate	By Wt. 76.13%
Other Ingredients	23.87%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

[See other panels for additional precautionary information.]

FIRST AID	
If on skin or clothing:	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If inhaled:	-Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. -Call a poison center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.	

Net Contents: _____



Sold by:
FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104

Batch/Lot code: _____
[For nonrefillable containers only. Will be
located on the physical container]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION: Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

FOR MANUFACTURING USE ONLY

XUJ21 is for formulation into end-use biopesticide products for protection against specific insects on food and non-food crops including uses in greenhouses/glasshouses, and in insect traps.

XUJ21 is manufactured for incorporation into end-use products intended to control Diamondback moth, Beet armyworm, Fall armyworm as well as other Lepidoptera. XUJ21 may be used to formulate products for any additional uses not listed on this label if the formulator, user group or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

All end-use pesticide products formulated with XUJ21 must be in compliance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). XUJ21 can only be formulated into end-use products that are applied at no greater than 150 g/active ingredient/year and in formulations that are not expected to be available to avian species (i.e. granules). Formulators using this product are responsible for obtaining U.S. EPA registration in compliance with FIFRA for their formulated product for the uses on this label, or any additional uses. The formulator, user group, or grower must comply with U.S. EPA data submission requirements regarding the support of such use(s).

This product may be used for experimental purposes that are in compliance with U.S. EPA requirements.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original containers only. For optimum shelf life, store product sealed. Keep product out of direct sunlight. Carefully open containers. After partial use, replace lid of container and close tightly. Do not put product into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. In case of leak or spill wipe up with oil-absorbent towels. Place damaged package in a holding container. If a damaged package must be contained within another, mark the outer container to identify the contents. You may also call CHEMTREC (Transportation and Spills) at 800-424-9300.

Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling

Nonrefillable container (in sizes 5 gallons or less) - Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Non-refillable container (in sizes greater than 5 gallons) - Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip

back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling, if available, or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Conditions of Sale and Limitation of Warranty and Liability

Seller warrants that the product in this container conforms to its chemical description contained hereon and is reasonable fit for its intended purpose when used in accordance with proper manufacturing practices and procedures and under normal conditions of use. To the extent consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY or of FITNESS for a particular purpose, express or implied, extends to use or handling of this product contrary to proper manufacturing practices and procedures, or under abnormal conditions or conditions not reasonably foreseeable to Seller, or to use by mixture, chemical reaction or formulation with other substances not specifically recommended in writing by Seller, and Buyer assumes all risk of any such use. To the extent consistent with applicable law, any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values.

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