



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

89118-9

Date of Issuance:

6/19/19

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Midac FC

Name and Address of Registrant (include ZIP Code):

Olav Messerschmidt  
OMC Ag Consulting, Agent for  
Vive Crop Protection, Inc.  
828 Tanglewood Lane  
East Lansing, MI 48823

**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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

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

Signature of Approving Official:

Venus Eagle, Product Manager 01  
Invertebrate & Vertebrate Branch 3, Registration Division  
(7505P)

Date:

6/19/19

2. You are required to comply with the data requirements described in the DCI or EDSP Order identified below:
  - a. Imidacloprid GDCI-129099-951
  - b. Imidacloprid EDSP-129099

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

<http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 89118-9.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list 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 the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

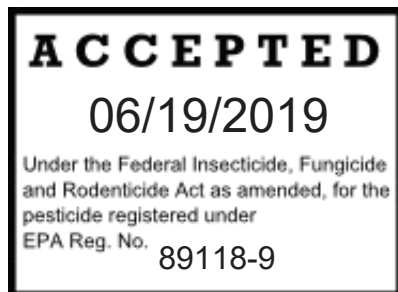
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated July 13, 2018
- Alternate CSF A dated July 13, 2018
- Alternate CSF B dated July 13, 2018
- Alternate CSF C dated July 13, 2018
- Alternate CSF D dated July 13, 2018
- Alternate CSF E dated July 13, 2018
- Alternate CSF F dated July 13, 2018
- Alternate CSF G dated July 13, 2018
- Alternate CSF H dated July 13, 2018

- Alternate CSF I dated July 13, 2018
- Alternate CSF J dated July 13, 2018
- Alternate CSF K dated July 13, 2018
- Alternate CSF L dated July 13, 2018
- Alternate CSF M dated July 13, 2018
- Alternate CSF N dated July 13, 2018

If you have any questions, please contact Dee Colby by phone at 703-347-8657, or via email at [colby.deanna@epa.gov](mailto:colby.deanna@epa.gov)

Enclosure: Stamped Label



**GROUP 4A INSECTICIDE**

# Midac™ FC

<b>Active Ingredient:</b>	<b>By Wt</b>
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine .....	18.5%
<b>Other Ingredients:</b> .....	81.5%
<b>Total:</b> .....	100.0%

This product contains 1.7 pounds of active ingredient per gallon

## KEEP OUT OF REACH OF CHILDREN CAUTION

This label must be in the possession of the user at the time of application.  
See inside booklet for additional precautionary information and directions for use.

EPA Reg. No. 89118-O

EPA Est. XXX-YY-Z

**Net Contents: 1, 2.5, 5, 15, 30, 130, or 265 Gallons**

FIRST AID
<p><b>If swallowed:</b></p> <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 by a poison control center or doctor.</li> <li>● Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>If in eyes:</b></p> <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.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>Note to Physician:</b> This product is a neonicotinoid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.</p>
<p><b>EMERGENCY INFORMATION</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In the event of a medical or chemical emergency contact Chemtel Inc. in North America at 1-800-255-3924 or worldwide international at +1-813-248-0585</p>



Vive Crop Protection Inc.  
828 Tanglewood Lane  
East Lansing, MI 48823  
1-416-260-8889

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution.** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinylchloride (PVC) ≥14 mils or viton ≥14 mils.
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Control Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### 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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to bees, birds and aquatic invertebrates.

Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging in the treatment area.

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Ensure that application equipment is functioning properly in accordance with manufacturing specifications.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## SPRAY DRIFT MANAGEMENT

Always apply in a manner to prevent spray drift to non-target areas. Do not apply under conditions favoring spray drift onto non-target areas. Avoiding spray drift at the application site is the responsibility of the applicator.

### Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets or a dribble with the application nozzle close to the seed furrow. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity, and Temperature Inversion sections below.)

### **Controlling Droplet Size**

**Volume:** Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

**Pressure:** Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

**Number of Nozzles:** Use the minimum number of nozzles that provide uniform coverage.

**Nozzle Orientation:** Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

**Nozzle Type:** Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

### **Wind**

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any wind speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. Do not apply in wind speeds greater than 15 mph. Local terrain can influence wind patterns. Applicators should be familiar with current wind patterns and how they influence spray drift at the time of application.

### **Temperature Inversions**

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light, variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by the movement of smoke from a cloud source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud under low wind conditions indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

### **Mixing and Loading Requirements**

*To avoid potential contamination of groundwater, use a properly designed and maintained containment pad for mixing and loading of any pesticide into application equipment where possible. If containment pad is not used, maintain a minimum distance of 25 feet between mixing and loading area and potential surface to groundwater conduits such as field sumps, uncased well heads, sink-holes, or field drains.*

### **No-Spray Zone Requirements for Soil Applications**

Do not apply within 25 feet, of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

### **Runoff Management**

Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When using Midac FC on erodible soils, employ the Best Management Practices for minimizing runoff.

Consult your local Natural Resources Conservation Service for advice in your use area.

### **Endangered Species Notice**

Under the Endangered Species Act, it is a Federal Offense to use any pesticide in a manner that results in the death of a member of an endangered species. Consult your local county bulletin, County Extension Agent, or Pesticide State Lead Agency for information concerning endangered species in your area.

## PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

## 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 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 exceptions pertaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to works. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

For early entry into 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, wear:

- Coveralls.
- Shoes plus socks.
- Gloves made of: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinylchloride (PVC)  $\geq 14$  mils or viton  $\geq 14$  mils.

## GENERAL INSTRUCTIONS

Midac FC is a versatile, broad-spectrum insecticide containing the active ingredient imidacloprid in an optimized SC formulation that is compatible with liquid fertilizers. Midac FC provides activity against listed important crop insect pests and can be used alternated with other insecticides with a different mode of action or tank-mixed with such insecticides and other crop protection products.

Imidacloprid, the active ingredient in Midac FC, belongs to the neonicotinoid class of insecticides (group 4A).

### Resistance Management

Midac FC contains the active ingredient imidacloprid which is a GROUP 4A INSECTICIDE and is effective against a variety of insect pests. Insect pests resistant to other chemical classes have not shown cross-resistance to imidacloprid.

Some insect species are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities or universities for details.

To delay insecticide resistance consider:

- Avoiding the consecutive use of Midac FC or other GROUP 4A insecticides that have a similar target site of action on the same insect species.
- Using tank-mixtures or premixes with insecticide from a different target site of action group as long as the involved products are all registered for the same use and have different sites of action.
- Basing insecticide use on a comprehensive IPM program.

- Monitoring treated insect populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

The non-GROUP 4A insecticide(s) that is used to mix with a GROUP 4A insecticide must be labeled for the crop, and to be effective as a resistance management strategy, must also be labeled for the target insect pest.

Monitor the efficacy of all insecticides used in your insect pest management program and record other factors that may influence insecticide performance and insect pest population growth. If Midac FC or another insecticide appears to be less effective against an insect pest that in previously controlled, contact your local extension specialist or certified crop advisor for further investigation.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **Integrated Pest Management (IPM)**

Midac FC should be used as one component in an integrated pest management program including cultural practices that reduce insect pest pressure. Consult your local extension specialist or certified crop advisor for local best practices to manage insect pests.

## **APPLICATION AND MIXING INSTRUCTIONS**

Midac FC is a suspension concentrate formulation. Shake or agitate well prior to measuring or pouring. Like most suspension concentrate formulations, Midac FC will thicken upon standing for long periods of time. Midac FC will revert back to an easily flowable fluid after a brief shake.

Midac FC disperses finely in liquid fertilizer and micronutrient products without prior dilution with water. However, due to the wide variability in the composition and consistency of liquid fertilizers, it is recommended a jar-test be performed.

Midac FC insecticide is designed for at-plant, and soil applications, and must be diluted with liquid fertilizer and/or water before application. Refer to Specific Use Directions for Crop Plants for pest control or suppression instructions.

Do not use strainer (nozzle screens) with a mesh designation greater than 50.

Make sure that application equipment is thoroughly cleaned and properly calibrated prior to application and thoroughly cleaned after application.

Midac FC can be mixed directly with water and/or liquid starter or pop-up fertilizer. Fill tank one half full with water or liquid fertilizer and begin agitation. Add Midac FC according to crop use rate and fill up tank to intended final volume. While pouring, avoid direct contact of Midac FC with the container wall to achieve best dispersion. Mix thoroughly to disperse and suspend the Midac FC. Maintain agitation during application and in any nurse tank or storage tank.

Mix only the required amount; do not store diluted material.

The rate of application should be chosen within the label ranges for the crop being treated based on expected insect pest pressure. This can be determined by history and scouting of the field and whether weather conditions are expected to be favorable. Use lower rates when insect pest pressure is expected to be light and use higher rates when insect pest pressure is expected to be heavy. Application rates are generally higher in arid climates.

Unless otherwise directed by registered supplemental labeling, follow the Directions for Use in each crop group section.

### **Tank Mixture Application**

Midac FC may be applied in tank mixtures with adjuvants, micronutrients, and other products approved for use on registered crops.



It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

When an adjuvant is used, it is recommended to use an adjuvant that meets the standards of the Council of Producers and Distributors of Agrotechnology (CPDA) adjuvant certification.

**Test potential mixing partners, including adjuvants, for mixing compatibility using a standard jar test or other similar method and for crop safety prior to use on a crop.**

*The following jar test procedure is recommended to evaluate compatibility: Following any product specific instructions for order of addition, pour the recommended proportions of the products into a suitable container, mix thoroughly and allow to stand at least twenty (20) minutes. If the combination remains mixed, or can be re-mixed readily, the mixture is considered physically compatible. If the combination does not remain mixed, or cannot be re-mixed readily, the products are not physically compatible and should not be tank-mixed together.*

Do not prepare more mixture than is required for the treatment. For best results, use immediately after mixing. Do not allow mixture to set overnight. If the mixtures settles, agitate the mixture and assess to ensure thorough re-mixing prior to application. Do not store spray mixtures.

## **INSTRUCTIONS FOR AT-PLANT APPLICATIONS**

Apply Midac FC directly to the seed or root-zone of the crop. Loss of insect pest control or delayed activity may occur if treatment is not placed in specified location. Apply Midac FC by ground application.

Applying Midac FC to the root-zone of plants is ideal, as it is the systemic activity of Midac FC that provides most control. Early application of Midac FC leads to early control of insect pests. Application in the root-zone results in uptake by the roots of the developing plant, and the active ingredient is transported through the xylem tissue to the vegetative parts of the plant, resulting in residual control. The higher labeled rate may result in longer periods of residual control, and are best used for late or continuous insect pest infestations throughout the growing season. However, protection will not generally last against pests infesting flowers, blooms, or fruit.

Disease incidence is suppressed through control of insect vectors.

Refer to the Specific Use Directions to determine if Midac FC is labeled for a given crop and, if so, for which insect pests.

Check with your local extension specialist or certified crop advisor for specific advice on best local practices for insect control.

### **Restrictions (Soil applications)**

Do not apply to plants grown in non-soil medias such as perlite, vermiculite, rock wool or other soil-less media, or plants growing hydroponically.

Do not apply more than 0.4 lb imidacloprid per acre, per year regardless of formulation or method of application, unless specified within a crop-specific section for a given crop.

Suppression or less than complete control of certain diseases and insect pests including reduced feeding may also result from Midac FC applications. Supplemental control measures may be required to completely control these insect pests or diseases.

Do not apply Midac FC on crops grown for production of true seed for private or commercial planting. As with any insecticide, care must be taken to minimize exposure of Midac FC to honey bees and other pollinators. Additional information on Midac FC uses for these crops and other questions may be obtained from the Cooperative Extension Service, PCAs, consultants or local Vive Crop Protection representatives.

Pre-mix Midac FC with liquid fertilizer, water or other appropriate diluent prior to application. Keep Midac FC suspension agitated to avoid settling.

### Linear Application Rate Conversion Chart

Fluid ounces product per acre	Fluid ounces product per 1000 row feet							
	Average Row Spacing (inches)							
	20	22	25	30	32	36	38	40
6.8	0.26	0.29	0.33	0.39	0.42	0.47	0.49	0.52
13.6	0.52	0.57	0.65	0.78	0.83	0.94	0.99	1.04
15.1	0.58	0.64	0.72	0.87	0.92	1.04	1.10	1.15
18.8	0.72	0.79	0.90	1.08	1.15	1.29	1.37	1.44
20.0	0.76	0.84	0.96	1.15	1.22	1.38	1.45	1.53
23.3	0.89	0.98	1.11	1.34	1.43	1.60	1.69	1.78
<p><b>IMPORTANT:</b> The linear application rate applied affects the duration and degree of control to a large extent. Linear application rates in the shaded regions in the above table will provide early season protection to the seed and seeding, but may not provide adequate residual pest control. These rates are not recommended for long-term residual control. Follow all crop specific use instructions regarding maximum use rates.</p>								
<p><b>Linear Row Feet Calculation:</b> <math>523 \div \text{row spacing (in inches)} \times 1000 = \text{Row feet per acre}</math></p>								

### ROTATIONAL CROPS

Crops for which imidacloprid tolerances exist may be rotated at any time.

**IMMEDIATE PLANT-BACK:**

All crops on this label plus the following crops not on this label: barley; bulb vegetables; brassica (cole) leafy vegetables; corn (field, pop & sweet); cotton; cucurbits; herbs, fruiting vegetables; globe artichoke; leafy greens vegetables; leafy petiole vegetables; legume vegetables (succulent or dried); peanuts; rapeseed/canola; root vegetables; sorghum; soybeans; strawberries; tobacco; tuberous and corm vegetables; and wheat.

**30-DAY PLANT-BACK:**

Cereals (including buckwheat, millet, oats, rice, rye, and triticale), safflower.

**12-MONTH PLANT-BACK:**

All Other Crops.

\*Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed

**SPECIFIC USE DIRECTIONS FOR CROP PLANTS**

**Potato (*Solanum tuberosum*)**

PESTS	USE RATES	
	Fluid oz. product/acre (lb. a.i./acre)	Fluid oz. product/1000 row ft @ 36" rows (lb. a.i./1000 row ft)
Aphids Colorado potato beetle Flea beetles Leafhoppers Potato psyllid  Suppression of Symptoms of: Potato leaf roll virus (PLRV) Potato yellows Net necrosis Wireworms (with in-furrow spray at-planting)	15.1 - 23.3 (0.20 - 0.31)	1.04 - 1.60 (0.014 - 0.021)

**At-Plant / Soil Applied Instructions:**

Midac FC must be applied below the soil surface and in contact with the seed pieces or within the root-zone for effective control / suppression. Following best local practice, apply Midac FC in one of the following methods:

- In-furrow spray or dribble during planting directed on the seed pieces.
- On both sides of the row apply as a subsurface side-dress, covering with 3 or more inches of soil.
- Apply directly over the row during pre-emergence hilling directed as a narrow band spray at the cracking in the ground.
- 7 or fewer days before planting during bedding apply in a narrow band directly below the eventual seed row.
- Linear application rate is based on 36" rows. For different row spacing consult the Linear Application Rate Conversion Chart in the Instructions for At-Plant Applications Section. In all cases do not exceed the maximum per acre use restriction.

**Use Restrictions:**

- Do not apply more than 0.31 lb of imidacloprid per acre per year as a soil application.
- Do not apply at-plant to potato seed pieces treated with imidacloprid.
- Do not use on potato seed grown for breeding.

**Sugar Beet (*Beta vulgaris*)**

PESTS	USE RATES	
	Fluid oz. product/acre (lb. a.i./acre)	Fluid oz. product/1000 row ft @ 22" rows (lb. a.i./1000 row ft)
Aphids Leafhoppers Whiteflies Flea beetles	6.8 - 13.6 (0.09 - 0.18)	0.29 - 0.57 (0.004 - 0.008)

Suppression of Symptoms of Western yellows / Beet curly top virus (BCTV)		
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**At-Plant / Soil Applied Instructions:**

Following best local practice, apply Midac FC in the following method:

- In-furrow spray or dribble at planting directed on or below seed
- Apply directly below each seed furrow during the bedding operation immediately prior to planting.
- The low rate may be applied to aid establishment of stands in whitefly areas, or for early season control of the other pests listed.

**Use Restrictions:**

- Do not apply more than 0.18 lb of imidacloprid per acre per year.
- Do not use on crops grown for seed.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in original containers only. Store in a cool and dry place, in such a manner as to avoid cross-contamination. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

**Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

{Container handling depends on the container size being labeled as well as if the container is refillable or not. At least one set of the following 3 container handling instructions will be placed on any printed label}

**[Container Handling less than or equal to 5 gallons- 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 and drain for 10 seconds after the flow begins to drip. 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 and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.]

**[Container Handling greater than 5 gallons- Refillable container:** Refill this container with pesticide only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

[Container Handling greater than 5 gallons - **Non-refillable container:** Do not reuse or refill this container. Offer for recycling if available. 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 ¼ 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 it back and forth several times. Turn the container over onto its other end and tip

it 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

**IMPORTANT INFORMATION  
READ BEFORE USING PRODUCT**

**Conditions of Sale and Limitation of Warranty and Liability:**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions beyond the control of Vive Crop Protection or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Vive Crop Protection and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use.

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**Shake Well Before Use**

**Liquid fertilizer compatible**

**Designed for liquid fertilizer compatibility**

**Alloperse Delivery System**

**Using the Alloperse Delivery System**

**Mix directly with [most types of] starter fertilizer; NO expensive equipment, NO additives**

**No worries if weather delays application – product stays mixed in [most] fertilizers for 24 hours with only mild agitation needed**

**Dust-free formulation**