

FOR COMMONLY USED APPLICATORS, SEE CALIBRATIONS CHART BELOW

Suggested gauge settings for 8 ounces per 1,000 feet of row. (Do not change with row width). Be sure to calibrate your applicator under your operating conditions.

**FOR APPLICATION RATE OF 8 OUNCES/1000 FEET OF ROW
SPEED IN MILES PER HOUR**

Brand Of Applicator	2	3	4	5	6	7	8	9	10
Allis Chalmers	Rate Is Uniform For All Speeds								Gauge 7
Gandy snap-on bottom	15.3	18.5	21.0	23.1	25.1	26.0	28.6	30.4	31.9
International Harvester (old)	1/5.3	1/7.7	1/9.7	2/3.0	2/6.3	2/9.5	3/2.7	3/6.0	3/9.2
International Harvester (new)	1/7.2	1/9.4	2/2.4	2/5.7	2/9.9	3/2.3	3/5.4	3/9.7	4/2.2
John Deere (metal boxes)	1/22	1/24	1/26	1/29	2/4	2/8	2/13	2/17	2/22
John Deere (new) (1)	21	22.5	24	25	27	28	29	31	32
John Deere (newest) (2)	8	11	13	15	17	18	20	21	23
Noble (3)	7	11	14	18	21	24	27	29	31
Noble (new) (4)	5	7	9	12	14	17	19	21	23

- (1) Gauge Reads 10-20-30-40
- (2) Gauge Reads 5-15-25-35-45
- (3) Round hole in bottom of hopper
- (4) Rectangular hole in bottom of hopper

CUCUMBER

POUNDS OF MOCAP 15% GRANULAR			
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	APPLICATION DIRECTIONS
At-planting	Nematodes	2.1	BAND: Apply 13 pounds per acre (7-foot row spacing) or 2.1 pounds per 1,000 linear feet of row in a band 12 to 15 inches wide on the row at-planting. Prepare bed and knock off top to provide a level area for treatment. Mix with the top 2 to 4 inches of soil with mechanical equipment right after application. DO NOT use as a seed furrow treatment or allow granules to contact the seed.

RESTRICTIONS FOR CUCUMBERS

- Make only 1 application of this product per growing season.

MINT

POUNDS OF MOCAP 15% GRANULAR			
APPLICATION TIMING	PEST CONTROLLED	BROADCAST PER ACRE	APPLICATION DIRECTIONS
New Mint: Apply preplant	Symphylans	20	Broadcast over the field and incorporate into the soil to a depth of at least 2 to 4 inches, during or immediately following application by mechanical means, including by rotary tiller, rotary hoe, springtooth harrow, or by double discing, or by immediate application of 1 to 2 inches of overhead irrigation. Repeat irrigation before soil dries.
	Nematodes	40	
Mint Apply after last harvest of the growing season	Symphylans Mint Root Borer	20	
	Nematodes	40	

RESTRICTIONS FOR MINT

- Make only 1 MOCAP 15 GRANULAR application per growing season (either preplant, or after last harvest of the growing season).
- Do not harvest within 225 days of application

POTATOES
(West of the Mississippi River)

POUNDS OF MOCAP 15% GRANULAR				
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	BROADCAST PER ACRE	APPLICATION DIRECTIONS
West of the Mississippi River: Prior to planting or At-planting or Prior to crop emergence	Symphylans Wireworms	1.4	27 – 40	BAND: Uniformly distribute granules in a 12 inch band over the row (36-inch row spacing), either behind the planter shoe next to the closing disk or immediately in front of the planter shoe. Mix with the top 2 to 4 inches of soil with mechanical equipment during or immediately following application.
	Nematodes (excluding Northern root knot, Columbia root knot, and stubby root nematodes in the Pacific Northwest; suppression of stubby root nematode in areas outside the Pacific Northwest)	1.4	40 – 80	IMPORTANT: Certain early-season environmental conditions and agronomic practices may impose stresses on the potato seed piece resulting in delayed emergence. Under these conditions, the application of MOCAP 15% Granular as a concentrated band directly in the furrow may increase the potential for delayed emergence. To minimize the contribution of MOCAP 15% Granular to this effect, apply so as to distribute the product in the soil surrounding the seed piece and avoid application directly into the seed furrow. For moderate* to heavy* infestations of wireworms or nematodes use the broadcast application instead of band or sidedress. Wireworm infestations will be especially heavy* in potatoes planted following wireworm host crops such as (but not limited to) sod, grass for seed, pasture, cereal, corn, hay, alfalfa, beans, onions, potatoes, new ground, fallow ground (weedy or cultivated), or ground not farmed for a year or more. BROADCAST: Apply uniformly and immediately incorporate 2 to 4 inches deep using mechanical equipment. Apply within 2 weeks before planting until prior to crop emergence.
	Northern root knot nematode in the Pacific Northwest	N/A	40 – 80 (60 – 80 in the Columbia River Basin)	BROADCAST ONLY: Apply uniformly and immediately incorporate 2 to 4 inches (4 to 8 inches in the Columbia River Basin) deep using mechanical equipment. Apply within 2 weeks before planting until prior to crop emergence. Under severe* infestation or long growing season conditions, MOCAP 15% Granular may not adequately protect tuber quality.

POTATOES
(West of the Mississippi River - Continued)

POUNDS OF MOCAP 15% GRANULAR				
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	BROADCAST PER ACRE	APPLICATION DIRECTIONS
West of the Mississippi River: Prior to planting or At-planting or Prior to crop emergence	Suppression of Columbia root knot and stubby root nematodes in the Pacific Northwest	N/A	80	<p>BROADCAST ONLY: Apply uniformly and immediately incorporate 4 to 8 inches deep using mechanical equipment. Best results are obtained with deep (6-8 inches), even incorporation. Apply within 2 weeks before planting. Generally, MOCAP 15% Granular should be applied following fall or spring application of a registered fumigant nematicide. In the Columbia River Basin it is strongly recommended that MOCAP 15% Granular be applied following fall or spring application of a registered fumigant nematicide.</p> <p>Under severe* infestation or long growing season conditions, MOCAP 15% Granular may not adequately protect tuber quality.</p>

RESTRICTIONS FOR POTATOES (West of the Mississippi River)

- Use the broadcast application instead of band for control of moderate* to heavy* infestations of wireworms or nematodes.
- Make only 1 application of this product per growing season.
- Do not make aerial applications.
- Do not exceed 12 pounds of active ingredient per acre per crop for use on nematodes. Do not exceed 6 pounds of active ingredient per acre for use on pests other than nematodes.
- Do not exceed 6 lbs. a.i./A for use on wireworms.
- Do not apply MOCAP 15% Granular once plants have begun to emerge.
- The Pacific Northwest potato growing region is considered to include the states of Washington, Oregon, and Idaho. The Columbia River Basin is considered to include Umatilla and Morrow Counties of Oregon and Grant, Adams, Franklin, Benton, Yakima and Walla Walla Counties of Washington.

*To determine your infestation level, consult local or state recommendations for sampling methods and economic thresholds.

POTATOES (East of the Mississippi River)

POUNDS OF MOCAP 15% GRANULAR				
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	BROADCAST PER ACRE	APPLICATION DIRECTIONS
East of the Mississippi River: Prior to planting or At-planting or Prior to crop emergence	Symphylans Wireworms	1.4	27 – 40	<p>BAND: Uniformly distribute granules in a 12 inch band over the row (36-inch row spacing), either behind the planter shoe next to the closing disk or immediately in front of the planter shoe. Mix with the top 2 to 4 inches of soil with mechanical equipment during or immediately following application.</p> <p>IMPORTANT: Certain early-season environmental conditions and agronomic practices may impose stresses on the potato seed piece resulting in delayed emergence. Under these conditions, the application of MOCAP 15% Granular as a concentrated band directly in the furrow may increase the potential for delayed emergence.</p> <p>To minimize the contribution of MOCAP 15% Granular to this effect, apply so as to distribute the product in the soil surrounding the seed piece and avoid application directly into the seed furrow.</p> <p>For moderate* to heavy* infestations of wireworms or nematodes use the broadcast application instead of band or sidedress. Wireworm infestations will be especially heavy* in potatoes planted following wireworm host crops such as (but not limited to) sod, grass for seed, pasture, cereal, corn, hay, alfalfa, beans, onions, potatoes, new ground, fallow ground (weedy or cultivated) or ground not farmed for a year or more.</p> <p>BROADCAST: Apply uniformly and immediately incorporate 2 to 4 inches deep using mechanical equipment. Apply within 2 weeks before planting until prior to crop emergence.</p>
	Nematodes (suppression of stubby root nematodes)	1.4	40 – 60	

RESTRICTIONS FOR POTATOES (East of the Mississippi River)

- Use the broadcast application instead of band for control of moderate* to heavy* infestations of wireworms or nematodes.
- Make only 1 application of this product per growing season.
- Do not make aerial applications.
- Do not exceed 9 pounds of active ingredient per acre per crop for use on nematodes. Do not exceed 6 pounds of active ingredient per acre for use on pests other than nematodes.
- Do not exceed 6 lbs. a.i./A for use on wireworms.
- Do not apply MOCAP 15% Granular once plants have begun to emerge.

***To determine your infestation level, consult local or state recommendations for sampling methods and economic thresholds.**

SUGARCANE

POUNDS OF MOCAP 15% GRANULAR				
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	BROADCAST PER ACRE	APPLICATION DIRECTIONS
At-planting	Nematodes Wireworms	1.8 – 3.6	N/A	BAND: Apply evenly in a band 12 to 15 inches wide to the seed pieces in open furrows or beds and immediately cover with soil. Mix with the soil using a disc hiller or other suitable equipment as the cane is covered. Use the higher rates in fields where nematode and/or wireworm infestations are severe. Minimum 6-foot row spacing.

RESTRICTIONS FOR SUGARCANE

- Make only 1 application of this product per growing season.
- Workers doing hand planting or other direct field contact activities cannot be present within 100 feet of equipment making applications of ethoprop.

SWEET POTATO

POUNDS OF MOCAP 15% GRANULAR			
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	APPLICATION DIRECTIONS
2 to 3 weeks before planting	Nematodes Wireworms White grubs Banded cucumber beetle Flea beetle larvae (palestriped and sweet potato flea beetles)	1.6 – 2.1	BAND: Apply 20 to 26 pounds per acre or 1.6 to 2.1 pounds per 1,000 linear feet of row in a band 12 to 15 inches wide on the row (minimum 42-inch row spacing). Mix with the top 2 to 4 inches of soil with mechanical equipment right after application. Good results have been obtained by opening the row, applying product in a 12 to 15 inch band on the row, bedding over and dragging.

RESTRICTIONS FOR SWEET POTATO

- Make only 1 application of this product per growing season.

TOBACCO

POUNDS OF MOCAP 15% GRANULAR				
APPLICATION TIMING	PESTS CONTROLLED	BANDED PER 1000 ROW FEET	BROADCAST PER ACRE	APPLICATION DIRECTIONS
From one week before planting to at-planting time	Nematodes Wireworms	3.2	40	<p>BAND: Apply in a band 18 to 24 inches wide on the row (42-inch row spacing) after the fertilizer has been listed or bedded. Mix with the top 2 to 4 inches of soil with mechanical equipment right after application.</p> <p>BROADCAST: Mix with the top 2 to 4 inches of soil with mechanical equipment right after application. Use a double gang disc harrow or other equipment that will do a good job of mixing the MOCAP 15% Granular with the soil. After mixing, apply fertilizer and, for best results, shape a wide bed with a tractor equipped with 4 disc tillers and wide sweeps for running out the middles. Be sure that only the treated soil (top 2 to 4 inches) is used to make beds.</p>
From two weeks before planting to at-planting time	Cutworms Flea beetle larvae Wireworms	N/A	13	<p>BROADCAST: Mix with the top 2 to 4 inches of soil with mechanical equipment right after application. Use a disc harrow or other cultivating equipment that will do a good job of mixing the MOCAP 15% Granular with the soil.</p>

RESTRICTIONS FOR TOBACCO

- Make only 1 application of this product per growing season.

PRECAUTIONS FOR TOBACCO

- AMVAC does not recommend the use of MOCAP on tobacco in Florida.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Do not store in or around home or residence.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide granules, 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 at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

DO NOT DISCARD THE CONTAINER. Do not attempt to open or tamper with the container. Completely empty container into application equipment. Return empty container to point of purchase or call 1-888-GO-AMVAC for instructions. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

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.

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SPECIMEN