



VegNet Vol. 8, No.10, May 10, 2001



Label News - Herbicides

D. J. Doohan, OARDC/ OSU

Command 3ME.

FMC Corp. has released a federal label for Command 3 ME. The new label includes directions for weed control in succulent beans, cabbage, cucumbers, melons, succulent peas, peppers, squash, and sweet potato. Command 3ME is not labeled for use on Jack-O-Lantern pumpkins. However, Command 4 EC may still be used on Jack-O-Lanterns. Also, existing Section 24C labels for Command 4 EC on cabbage, peppers and cucumbers are still in force. Users should ensure that Command (both formulations) is applied in such a manner to minimize drift. Avoid application during unfavorable weather conditions, such as winds in excess of 3 mph, hot and dry weather and during temperature inversions. Many crops are sensitive to soil residues of Command. Consult the label to determine appropriate re-plant intervals.

To prevent crop injury vegetable seeds and roots of transplants must be placed deep enough to be below the chemical barrier formed by an application of Command. The 4EC and 3ME products both have potential to cause temporary bleaching of labeled crops, and cultivars may vary in their tolerance. However, the crop should grow through temporary bleaching with no adverse impacts.

NOTE: Vegetable growers must read and accept the Terms of Sale or Use included on page 17 of the Command 3ME label. Upon use of the product, FMC Corp. considers the user to have accepted all terms and conditions of the label including a waiver and release from all liability of FMC for failure of the product to perform, or crop damage resulting from use.

- **Beans (succulent) - Apply 0.4 to 0.67 pints/A.**
- **Cabbage - Apply 0.67 pints/A for direct seeded cabbage and 0.67 to 1.3 pints/A for**

transplanted cabbage. Use the lower rates on coarse soils and the higher rates on fine soils.

- Cucumbers - Apply 0.4 to 1.3 pints/ A. Use the lower rates on coarse soils and the higher rates on fine soils.
- Peppers (EXCEPT BANANA PEPPERS) - Apply 0.67 to 2.67 pints/ A. Use the lower rates on coarse soils and the higher rates on fine soils.
- Peas (succulent) - Apply 1.3 pints/A.
- Squash (includes processing pumpkins) - Apply 0.67 to 2 pints/ A for winter squash. Apply 0.67 to 1.3 pints/A for summer squash. Use the lower rates on coarse soils and the higher rates on fine soils.

Refer to the label for complete instructions.



Dacthal 75-WP Herbicide is Still Available

R. Precheur

Recently US EPA granted a national label for Dacthal 75 WP to Amvac Corporation. Prior to that time Dacthal was no longer being manufactured by the original company. Dacthal (DPCA) 75% wettable powder is a herbicide used for cole crops, collards and greens, cucumbers, eggplant, green onions, onions, melons, peppers, potatoes, radish and tomatoes. Application rates and instructions are in the 2001 Ohio Vegetable Production Guide.

Susceptible weeds include: carpetweed, chickweed, crabgrass, foxtail, lambsquarters, lovegrass, purslane, FL pusley and witchgrass. Moderately susceptible weeds: include: barnyardgrass, annual bluegrass, dodder, purple and spotted deadnettle, goosegrass, groundcherry, prostrate knotweed, black nightshade, pigweed, prostrate, nodding and spotted spurge.

It can be applied post to several vegetables to weed free soil but transplants need to be well established. Irrigation or rainfall is needed shortly after application for activation. Provides weed control for those susceptible weeds on the label for a period of about 4-6 weeks.

Amvac has only 24-pound bags available. More information can be obtained at <http://www.amvac-chemical.com>. Click on the specimen label.



Crop Reports

Hal Kneen

SOUTHEASTERN OHIO

Southeast Ohio's vegetable growers are heavily into planting tomatoes and sweet corn. Expect peppers to be planted before the weekend. Earliest tomatoes look good, planted April 21, 2001. Sweet corn recovering from the low temperatures of last week (mid to upper 30's). Parts of Meigs County have not seen any rainfall for ten days, very dry. One grower did see rain fall on a neighbor's planting yesterday, May 1st (about 1/4- 1/2 inch) however it missed him completely. He has been irrigating under plastic since last week.

Weeds are emerging fast and furiously-nutsedge, common and giant ragweed, pokeweed, lambsquarter and galinsago.

Cabbage 10-12 inches across, sidedressed with nitrogen during the week of April 23, 2001.



MOTH PHEROMONE TRAP REPORTS

C. Welty

Huron County (Celeryville), 4/25 to 5/2
 black cutworm: 29 (up from 9 last week)
 variegated cutworm: 67 (up from 14 last week)

Wood County (Hoytville), 4/24 to 5/1
 black cutworm: 5 (down from 6 last week)
 true armyworm: 145 (up from 44 last week)
 variegated cutworm: 44



Sweet Corn Tour and Workshop - June 19, 4-8 PM

Robert Precheur and Jim Jasinski

Join the OSU Vegetable Team on June 19 when we visit 3 farms in southwest OH that specialize in sweet corn.

About the Program

...The Sweet corn Tour will begin at 4 PM on June 19 and end around 8 PM. There will be a series of 3 stops, each providing growers and Ohio State University specialist's a chance to interact through short presentations and question sessions. Each stop will last about an hour before heading to the next stop location. Growers are invited to attend any or all three of the stops. Different topics will be covered at different stops, but there will be some repetition. A list of what topics are to be presented at each location will be available shortly.

Planned topics include:

Animal control-Chip Lovell (USDA-APHIS),

**Weed control - Dr. Doug Doohan,
 Pheromone trapping - Dr. Celeste Welty,
 PSNT & tissue testing - Dr. Bob Precheur,
 Crop Management - Dr. Matt Kleinhenz,
 Gray leaf spot management-Dr. Mac Riedel**

Stop #1 - Fulton's Farm, Troy, Tour begins: 4 PM, Location: 4 miles N of I-70 on S.R. 202

Stop #2 - Brentlinger's Farm, Springfield, Estimated Arrival Time: 5:20 PM, Location: Springfield

Stop #3 - DeVoe Farm, Xenia, Estimated Arrival Time: 6:45PM, Location: Xenia

Directions and maps will be available soon. There is no pre- registration required and there is no fee to attend. OSU VegTeam will supply liquid refreshments.

For more information, contact:

**Jim Jasinski,
 Southwest IPM Agent,
 Phone: 937-454-5002,
 email: jasinski.4@osu.edu**

Complete details will also be published here in: the VegNet newsletter and at the VegNet website, <http://www.ag.ohio-state.edu/~vegnet>



The 7 Day Outlook*

AKRON-CANTON

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
TEMP						
MIN/MAX	57 78	47 70	48 72	52 78	56 80	56 75
WIND	4 8	7 8	6 7	5 7	6 8	6 8
PREC.						
PROB. 24	31	14	7	24	32	39

CLEVELAND

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
TEMP						
MIN/MAX	56 72	47 69	48 72	51 75	54 77	55 75
WIND	4 7	5 7	5 7	4 7	5 7	5 8
PREC.						
PROB. 24	35	12	7	24	31	38

COLUMBUS

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
TEMP						
MIN/MAX	58 78	49 73	51 76	54 81	57 81	55 76
WIND	2 6	4 5	3 5	3 5	3 6	4 6

PREC.

PROB. 24	30	18	9	25	31	38
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CINCINNATI

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
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TEMP

MIN/MAX	59 82	52 75	54 76	56 80	58 78	55 74
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WIND	5 8	7 8	6 8	6 8	7 9	7 9
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PREC.

PROB. 24	26	21	15	28	32	38
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DAYTON

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
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TEMP

MIN/MAX	60 77	52 71	51 74	55 80	58 76	56 72
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WIND	3 6	5 5	4 5	4 6	5 7	5 7
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PREC.

PROB. 24	33	18	12	27	32	38
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TOLEDO

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
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TEMP

MIN/MAX	54 73	47 68	48 73	52 77	53 79	54 74
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WIND	4 9	7 8	5 6	4 7	5 9	5 8
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PREC.

PROB. 24	45	10	10	26	32	39
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YOUNGSTOWN

DAY DATE	FRI 04	SAT 05	SUN 06	MON 07	TUE 08	WED 09
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TEMP

MIN/MAX	54 77	44 70	47 73	50 77	53 81	53 76
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WIND	5 7	5 6	4 6	5 7	5 7	5 7
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PREC.

PROB. 24	30	14	6	22	31	38
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*** LEGEND:**

TEMP MIN/MAX - forecasted minimum and maximum temperature for time periods midnight to noon and noon to midnight.

WIND - MEAN WIND SPEED(KTS) FOR TIME PERIODS periods midnight to noon and noon to midnight.

PREC. PROB. 24 - probability of precipitation for the 24 hour period.



What's New At The VegNet Web Site

- [Online Edition of the 2001 Ohio Vegetable Production Guide - Now Available](#)

- **Sweet Corn Disease Resistance Ratings**

The following are summarized lists of Dr. Pataky's work at the Univ. of IL on disease reactions of sweet corn. In these summaries, all experimental and processing varieties have been removed and only named varieties which were rated for common rust or MDM are included. The first list are those named varieties rated for common rust. The second list are only those named varieties rated for Maize Dwarf Mosaic virus (MDM). For a complete report, E-mail: Bob Precheur: precheur.1@osu.edu

[Common Rust of Sweet Corn](#)
[MDM of Sweet Corn](#)

- **Do You Know Us?**

Find out what we've been up to. The OSU Vegetable Team Report is available in PDF file format for downloading from the VegNet homepage.

- **Sources of Pheromone Traps Used in Vegetable Pest Management.**

Do you need to find traps, lures or suppliers, click on the Vegetable IPM button on the left side of the homepage, then click on the 'Sources' document in the Vegetable IPM section.

- **IR-4 News**

Also in the Vegetable IPM section, you can link to the IR-4 website. Read the results of the 2000 food use workshop, monthly and quarterly newsletters. Find out the latest on pesticide registrations for minor crops. Learn about biopesticides plus much more. Click on the Vegetable IPM button on the VegNet homepage and then click on the IR4 link in the Vegetable IPM section.



[University Extension](#)

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We appreciate very much the financial support for this series of vegetable reports which we have received from the board of growers responsible for the Ohio Vegetable and Small Fruit research and Development Program. This is an example of use of Funds from the "Assessment Program".

Where trade names are used, no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely and accurate, the pesticide user bears the responsibility of consulting the pesticide label and adhering to those directions.

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