

Cucurbits (cucumbers, squash, melons)

This is the program that I use for Melons, cucumbers and Squash is based on

- 1- prevention of disease
- 2- suppression of insects.

If you have full insect suppression. The disease suppression gets much easier.

For growing transplants in the green house

Foliar formula

1 parts	Drammatic ONE
1 parts	AER SP-1
200 parts	water

transplant water (3-5 oz/ plant)

1 part	Drammatic ONE
1 part	AER SP1
20 parts	water

Add to suppress cut worm, wire worm and other soil borne insects

options include -- 1 % Neem Blend 45 EC plus DE (3#/ acre equivalent) or
1 % Mycotrol O or
1 % Cedar ACT Cedar oil

For Cucumber Beetle suppression - at first sight of beetles

Repellant

Per acre mix (20 gal/ acre) - 1 percent solution repeat after 8-10 days

1 pt Cedar ACT Cedar oil
10 gal Water

When to apply for Cucumber beetles

First Flight-Begin at the first sign of the cucumber beetles (May 15-20)-
apply maybe twice in May

Second Flight – July 1- Apply about every 8-10 days until populations of the beetle are down

Suppress plant Diseases- bacterial wilt and anthracnose

Foliar Spray Package Beneficial Microbe mix to inhibit foliar pathogens

BACK PACK SPRAYER Mix per 3.5 gal sprayer

1 pt	Drammatic “ONE” Fish Plant Food
1 pt	AgriEnergy SP-1
1 pt	K-Sulfate
1 pt	AgriEnergy Foundation
6 oz	Cedar ACT cedar oil
1 oz	Neem Blend 45
1 oz	Garlic GP w/ 24% sulfur
.5 oz	Citrex (ascorbic acid) ** labeled as a natural, organic fungicide
2.5 gal	Water

The observation of Cucumber Beetles and the application of Cedar oil is based on the LaCrosse, WI location.

For central Illinois and Indiana, this timing will be about a week to two weeks earlier.

Cedar ACT, Neem oil, and Mycotrol (OMRI listed), Garlic GP are approved by EPA as a minimum risk pesticide 40 CFR 152.25 B

This is the formula used by Reg Destree, LaCrosse, WI.

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