

# Versatility of Conventional Insecticides for Vegetable Growers

## Compiled Winter 2017-18

By Genevieve Higgins, UMass Vegetable Extension

### **Please note the following:**

- At the time of writing, all products listed were registered in at least one New England state. Check the registration status in your state before using any product.
- Pesticide labels are legal documents for product use. Disregard any information in this document if it is in conflict with the current label.
- No company or product endorsement is implied or intended in this document. Always read the label before using any pesticide.



## Key

**Black** = veg & fruit (not labeled for pumpkin, apple, or berries)

**Red** = veg & apple

**Orange** = pumpkin & fruit

**Blue** = veg & berries

**Green** = flor/orn/nurs & pumpkin

**Purple** = veg & flor/orn/nurs

**Pink highlight** = pumpkin & apple

**Purple highlight** = apple & berries

**Yellow highlight** = pumpkin & berries

**Green highlight** = pumpkin & berries & apple

\* = also labeled on flor/orn/nurs crop(s)

## IRAC Group 1

### Group 1A

\*Carbaryl 4L  
Lannate LV  
Lannate SP  
Nudrin LV  
Nudrin SP  
Sevin 4F  
Sevin XLR Plus  
Vydate L

### Group 1B

Acephate 90 Prill	*Dimethoate 400	*Malathion 8
Acephate 90 WDG	Fyfanon ULV AG	*Malathion 8 Aquamul
Acephate 90 WSP	*Hatchet	*Malathion 8F
Acephate 97 UP	*Imidan 70W	Match-Up (1B & 3A)
Bolton (1B & 3A)	*Lorsban Advanced	Mocap EC
*Chlorpyrifos 4E AG	Lorsban 15G	*Nufos 4E
*Cobalt (1B & 3A)	Lorsban 4E	Orthene 97
*Cobalt Advanced (1B & 3A)	Lorsban 50W	*Vulcan
*Diazinon AG500	*Lorsban 75WG	*Warhawk
*Diazinon AG600 WBC	Malathion 5	*Warhawk Clearform
*Diazinon 50W	*Malathion 5EC	*Whirlwind
*Dimate 4E	Malathion 57EC	*Yuma 4E
*Dimethoate 4EC		

## IRAC Group 3

\*Asana XL  
Baythroid XL  
Danitol 2.4EC  
Leverage 360 (3 & 4A)  
Tombstone  
\*Zyrate

\*Ambush 25W  
\*Arctic 3.2EC  
Athena (3A & 6)  
Besiege (3A & 28)  
Bifenture 10DF  
\*Bifenture EC  
Bolton (1B & 3A)  
\*Brigade 2EC  
Brigade WSB  
Brigadier (3A & 4A)  
\*Cobalt (1B & 3A)  
\*Cobalt Advanced (1B & 3A)  
\*Declare  
Delta Gold  
Endigo ZC (3A & 4A)

### IRAC Group 3A

*Evergreen EC 60-6	*Pounce 25WP
*Fanfare ES	Pyrethrum TR
Fastac EC	*Pyronyl
*Grizzly Too	*Silencer 1EC
Hero	Skyraider (3A & 4A)
Hero EW	*Sniper
*Lambda-cy EC	*Sniper Helios
*Lambda-T2	Sniper LFR
Match-Up (1B & 3A)	Swagger (3A & 4A)
Mustang	Talstar Nursery
Mustang MAXX	Tempest (3A & 4A)
*Paradigm	*Tersus
*Permethrin	Tombstone Helios
*Permethrin 3.2AG	*Warrior II with Zeon
*Perm-up 3.2EC	

## IRAC Group 4

### Group 4A

\*Admire Pro  
\*Advise Four  
\*Alias 4F  
\*AmTide Imidacloprid 2F  
Assail 30SG  
Assail 70WP  
Belay  
Brigadier (3A & 4A)  
\*Couraze 2F  
\*Couraze 4  
Endigo ZC (3A & 4A)  
Leverage 360 (3 & 4A)

\*Macho 2.0FL  
\*Macho 4.0FL  
\*Mallet 75WSP  
\*Marathon 1% Granular  
Marathon 60WP  
\*Marathon II  
\*Midash Forte  
Montana 2F  
\*Montana 4F  
\*Nuprid 2SC  
\*Nuprid 4F Max  
\*Pasada 1.6F

Platinum  
Platinum 75SG  
Safari 20SG  
Scorpion 35SL  
Skyraider (3A & 4A)  
Swagger (3A & 4A)  
Tempest (3A & 4A)  
Venom  
Voliam Flexi (28 & 4A)  
\*Wrangler

Group 4C  
Closer SC

Group 4D  
Sivanto 200SL

### IRAC Group 5

Blackhawk  
Radiant SC

### IRAC Group 6

Abacus  
Agri-Mek SC  
Athena (6 & 3A)  
Clinch Ant Bait  
Nufarm Abamectin 0.15EC  
Proclaim  
\*Reaper 0.15EC  
\*Reaper Clearform  
Tide Timectin 0.15EC  
Zoro Miticide/Insecticide

### IRAC Group 7D

Distance IGR  
Esteem 0.86EC  
Knack IGR

### IRAC Group 8D

\*Prev-AM Ultra

### IRAC Group 9C

Beleaf 50SG

### IRAC Group 10B

Zeal

### IRAC Group 15

Dimilin 25W  
Rimon 0.83 EC

### IRAC Group 13

Pylon Miticide

### IRAC Group 16

Talus 70DF  
Vetiva (16 & 28)

### IRAC Group 18

\*Confirm 2F  
\*Intrepid 2F

### IRAC Group 20B

Kanemite 15SC  
Shuttle O

### IRAC Group 21A

Akari 5SC  
Portal XLO

### IRAC Group 22

Avaunt

### IRAC Group 23

\*Kontos Greenhouse and Nursery  
\*Movento  
Oberon 2SC

### IRAC Group 25

Nealta Miticide

### IRAC Group 28

\*Belt SC  
Besiege (3A & 28)  
Exirel  
Verimark  
Vetiva (16 & 28)  
Voliam Flexi (28 & 4A)

### IRAC Group un

Acramite 50WS  
\*Azatin XL  
\*Floramite SC  
Prokil Cryolite 96

### No IRAC Group

\*Botanigard 22WP  
\*Botanigard ES  
\*Captiva  
\*Damoil  
\*Deadline Bullets  
Deadline GTs  
\*Deadline M-Ps  
\*DES-X  
\*JMS Stylet Oil  
\*Met 52EC  
\*Mite-E Oil  
\*Mycotrol ESO  
Requiem EC