

# Insecticide Compatibility

| Active Ingredient      | Bumblebees | Parasitoids | Mirids     | Lacewings | Mites     | Pirate Bugs | Registered on indoor tomato? |
|------------------------|------------|-------------|------------|-----------|-----------|-------------|------------------------------|
| ABAMECTIN              | R, 2 D     | 4 / 3W      | 4 / 1W     | 4 / >1w   | 4 / 2W    | 4 / 1-6w    | Y                            |
| ACRINATHRIN            | R, 2 D     | 4           | 4          | 3 / 0W    | 4         | 4 / >4W     | Y                            |
| ALPHA-CYPERMETHRIN     | IC         | 4 / 8-12W   | 4 / 8-12 W | 4         | 4 / 8-12W | 4           | N                            |
| AZADIRACTIN            | C          | 2           | 2          | 1         | 1         | 2           | Y                            |
| BACILLUS THURINGIENSIS |            | 1           | 1          | 1         | 1         | 1           | Y                            |
| BEAUVERIA BASSIANA     | NA         |             |            |           |           |             | Y                            |
| BIFENTHRIN             | IC / 7D    | 4 / 8-12 W  | 4 / 8-12 W | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | N                            |
| BUPROFEZIN             | C          | 2 / 0W      | 1          | 1         | 1 / 0W    | 2 / 0W      | Y                            |
| CARBARYL               | R, 2 D     | 4 / 3W      | 4 / 8W     | 4 / 4W    | 4 / 6-8W  | 4 / 8W      | Y                            |
| CYANTRANILIPROLE       | NA         |             |            | 1 / 0W    | 2         | 1 / 0W      | N                            |
| CYPERMETHRIN           | IC / 14 D  | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | Y                            |
| DELTAMETHRIN           | R, 3 D     | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | N                            |
| DICHLORVOS             | R, 2 D     | 4 / 1W      | 4 / 1W     | 4 / 1W    | 4 / 1W    | 4 / 1W      | Y                            |
| ESFENVALERATE          | IC / 15 D  | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | N                            |
| FATTY ACIDS (K SALTS)  | C          | 4 / 0W      | 4          | 4         | 4         |             | N                            |
| FLONICAMID             | NA         | 1 /0W       | 1 / 0W     | 1 / 0W    | 1 / 0W    | 1 / 0W      | N                            |
| IMIDACLOPRID           | IC / 30 D  | 4 / >12W    | 4 / 4-6W   | 4         | 4 / 2W    | 4 / 4-6W    | N                            |
| LAMBDA-CYHALOTHRIN     | IC / 15 D  | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | N                            |
| METHOMYL               | R / 3D     | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | Y                            |
| OILS                   | R /1D      | 1 / 0W      | 4 / 1W     | 1 / 0W    | 3         | 3 / 0W      | N                            |
| PERMETHRIN             | IC / 9D    | 4 / 8-12W   | 4 / 8-12W  | 4 / 8-12W | 4 / 8-12W | 4 / 8-12W   | Y                            |
| PIRIMICARB             | R / 1D     | 2 / <1W     | 2 / 2-3W   | 2         | 2         | 2           | Y                            |
| PIRIMIPHOS-METHYL      | IC         | 4 / 6-8W    | 4          | 4 / 6-8W  | 4 / 6-8W  | 4           | N                            |
| PYMETROZINE            | NA         | 1           | 3 / 1W     | 1 / 0W    | 1 / 0W    | 2 / 1W      | Y                            |
| PYRETHRINS             | R / 1D     | 4 / 0W      |            | 2 / 1W    |           | 4 / 1W      | Y                            |
| PYRIPROXYFEN           | NA         | 3           | 1 / 0W     | 1 / 0W    | 1 / 0W    | 1 / 0W      | Y                            |
| SPINETORAM             |            | 4 /1W       | 3          | 4         | 3         | 4 / <1W     | N                            |
| SPINOSAD               | C / 1D     | 3 / 1W      | 3 / 3-6W   | 4         | 3         | 2           | N                            |
| SPIROMESIFEN           | NA         | 1 /0W       | 1          | 2         | 2         | 1           | Y                            |
| SPIROTETRAMAT          | R / 1 D    | 2           | 1          | 1 / 0W    | 2         | 2           | N                            |
| SULFOXAFLO             |            | 4 / 2W      | 4 / 2W     | 1         | 1         | 3 / 1W      | Y - fruiting vegetable       |
| TEBUFENOZIDE           | NA         | 1           | 1          | 1 / 0W    | 1         | 2           | N                            |
| THIACLOPRID            | NA         | 3           | 4          | 3         | 2         | 4 / 2W      | N                            |
| VERTICILLIUM LECANII   |            |             |            |           |           |             | Y                            |

Legend - Impact / Persistence

Bumblebees

- NA
- = No Action
- C
- = Cover
- R
- = Remove
- IC
- = Incompatible

Persistence

- D
- = Days
- W
- = Weeks
- 
- = Indeterminable

Beneficial Insects

- 1
- = Harmless - 0 to 25% mortality
- 2
- = Moderately harmful - 26 to 50% mortality
- 3
- = Harmful - 51 to 75% mortality
- 4
- = Very harmful - 76 to 100% mortality

DISCLAIMER: Every effort has been taken to provide accurate information in this resource but TNZ and ALT disclaim all liability in relation to the information it contains. Seek further advice from suitably qualified people before embarking on an IPM programme using beneficial insects.

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