**MASTER ‘GO TO’ PEST CONTROL**

***Thrips***

 Best - **Orthene 97, Mesurol**, **Overture, Pedestal**, Pylon, **Avid,** Duraguard**, Enstar, Xxpire,**

**Conserve, Flagship**

 Good - Mainspring, Aria, Distance soil drench for larvae, Mavrik, NoFly, Pyreth-It

 **Captiva enhances efficacy of all; Orthene or Mesurol for knockdown.**

Suggested Rotation: Pedestal (6oz) + Enstar AQ (25 oz), Avid 3-7 days later, Overture (8 oz) 3-7 days later,

Mavrik 3-7 days later, Conserve (22 oz) 3-7 days later.

***Aphids***

 Best - **Endeavor, Imidacloprid/Safari/Flagship/Tristar, Enstar II, Orthene 97, Rycar**

Good **- Talstar,** Aria, Azatin, BotaniGard, Distance, Kontos, Ornazin, Tame, Mavrik, NoFly, Xxpire,

Avid

 Suggested Rotation: Mainspring (4 oz – 4 weeks), Endeavor (2.5-5 oz) at first sign, Rycar (3.2 oz) 3-5 days

later, Kontos (50 ml) 3-5 days later, Orthene T&O 3-5 days later).

***Whiteflies***

Best - **Rycar, Sanmite,** Azatin, **Imidacloprid/Safari/Flagship/Tristar, Enstar (not Q),** Avid,

Good **-** BotaniGard, Distance (not Q), **Kontos,** Ornazin, **Pedestal (not on poinsettias),** Talus (not

Q), Mainspring, **Tame**, Mavrik, Aria, M-Pede, **Endeavor, Pyreth-It, Xxpire**, Judo

 Suggested Rotation: Sanmite (4-6 oz) at first sign, Pedestal (6-8 oz) 3-5 days later, Rycar (3.2 oz) 3-5 days

later, Enstar (2-4 oz) 3-7 days later.

 Late Season Poinsettia (safe with bracts):

 Best - **Safari** (drench), **Rycar**, **Sanmite**

 Good - Flagship, Judo SC, Kontos SC, Tristar

 Suggest - Safari drench 3 weeks before ship, Rycar spray 2 weeks before ship, Kontos OR Judo spray

1 week before ship. Often Safari drench alone is necessary . . . . . .

***Spider Mites***

 Best - **Avid, Floramite, Hexagon, Ovation,** Pylon, **Sanmite, Shuttle-O, Sultan,** Tetrasan, Ultiflora

 Good - Akari, **Judo (careful of phytotoxicity)**, Magus, ProMite, Attain/Talstar, Magus, M-Pede

 Combo - Avid + Ovation, Floramite + Ovation, Sanmite + Ovation

**2% Horticultural oil enhances efficacy of all**; reduce humidity to <80%; do not apply when day

temperatures exceed 80F.

 Suggested Rotation: Floramite (8 oz) + Ovation (2 oz) first day, Judo (4 oz) + Hexagon (2 oz) 3-7 days later,

Pylon (in prop only – expensive!; 5.2 oz; not on purslane!) 3-7 days later, Avid (8 oz) + Floramite (4 oz) 3-7 days later, Sultan (13.7 oz) 3-7 days later, Shuttle-O 3-7 days later, Sanmite + Ovation (2 oz) 3-7 days later.

***Broad Mites***

Best - **Avid, Pylon (not on purslane!), Sanmite**

 Good - Akari, Judo (careful of phytotoxicity)

***Fungus Gnats (larvae)***

Best - **Safari, Gnatrol, Nemasys,** Distance (soil drench only), Citation, Duraguard,

Good - **Azatin**, Adept (not on poinsettia), Enstar,

***Fungus Gnat (adults)***

Best - **Talstar, Tame,** Mavrik, M-Pede Attain/

Good - Decathlon, Discus

 Suggested Rotation: Citation sprench at first sign (2.66 oz), Distance sprench (2-6 oz) 3-5 days later, Adept

sprench (NOT on poinsettia!) 3-5 days later, Gnatrol sprench (13-26 oz) 3-5 days later.

Safari drench is very good for control of larvae! Always consider drenching

floor/perimeter is larval infestation is suspected (check with potato wedges)!

**Shoreflies (adulticide and larvacide tank mixed) :**

 Best - Application of **Kleengrow**/Zerotol/Greenshield to floor to eliminate algae

 Best - Larvae - **Citation**, Adept (NOT on poinsettias!), **Distance** (affect larval stages only – apply

to algae), Azatin; Adults - **Conserve**, **Mesurol** spray (1 lb).

Recommended Rotation: Citation Sprench (2.66 oz) at first sign, Distance sprench (2-6 oz) after 3-5 days,

Azatin/Ornazin/AzaTrol/AzaGuard after 3-5 days

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***Mealybugs***

 Best - **Duraguard ME, Orthene 97, Talus, Xxpire, Safari**

Good - Aria, **Kontos,** Ornazin, Decathlon, Discus, **NoFly, M-Pede, Rycar**

***Caterpillars***

Best - **Pedestal, Orthene, Mesurol, Duraguard**

***Snails***

Best - Mesurol, Sluggo, Deadline

**Compatible Insecticides with Biological Controls**

Overture Molt-X Azatin XL Floramite

 Botanigard AzaGuard Endeavor NoFly

 Pedestal Xxpire Met 52 Aria

 Captiva Grandevo ProMite Rycar

 Aza-Direct Kontos Hexagon Triact 70

 DiPel Pro Ovation

Developed for Altman Plants in Cooperation with Facility Growers - (June, 2016)