

## Rotation Guide

# Thrips parvispinus

by Dr. JC Chong

*Thrips parvispinus*, also known as the pepper thrips, continues to wreak havoc in greenhouses, nurseries, and landscapes of Florida. This invasive thrips species has spread to other states. They cause severe deformation of leaves, flowers, fruits, and shoots.



Although challenging to manage, the following rotation program (IRAC numbers of insecticides in parentheses) may offer the best control based on data generated through research by Dr. Alexandra Revynthi, University of Florida, Tropical Research and Education Center, Homestead, FL.

### For Adult

	Application 1	Application 2	Application 3	Application 4	Application 5	Application 6
<b>Greenhouse</b>	Conserve® (5) or	Hachi-Hachi® SC (21A)	Pylon® (13)	Overture® (UN)	3% Mineral Oil (UC)	TriStar® (4A)
<b>Nursery</b>	XXpire® (4C + 5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	Pradia® (28 & 29)	3% Mineral Oil (UC)	Avid® (6)
<b>Landscape</b>	Conserve® (5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	3% Mineral Oil (UC)	Avid® (6)	acephate (1B)

### For Nymphs

	Application 1	Application 2	Application 3	Application 4	Application 5	Application 6
<b>Greenhouse</b>	Conserve® (5) or	Hachi-Hachi® SC (21A)	Pylon® (13)	Sarisa™ (28)	TriStar® (4A)	Pedestal® (15)
<b>Nursery</b>	XXpire® (4C + 5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	Sarisa™ (28)	Pedestal® (15)	Avid® (6)
<b>Landscape</b>	Conserve® (5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	Kontos® (23)	Avid® (6)	acephate (1B)

### For Adults + Nymphs

	Application 1	Application 2	Application 3	Application 4	Application 5	Application 6
<b>Greenhouse</b>	Conserve® (5) or	Hachi-Hachi® SC (21A)	Pylon® (13)	Overture® (UN)	TriStar® (4A)	Pedestal® (15)
<b>Nursery</b>	XXpire® (4C + 5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	Pedestal® (15)	Pradia® (28 & 29)	Avid® (6)
<b>Landscape</b>	Conserve® (5)	Hachi-Hachi® SC (21A)	TriStar® (4A)	Kontos® (23)	3% Mineral Oil (UC)	Avid® (6)

### Notes

- Programs are developed for adults and nymphs separately due to efficacy differences among life stages. Adults are found in greater proportion on the flowers, and nymphs on the growing terminals. Selection of the program will depend on management goal, i.e., to reduce adults to protect flowers or reduce nymphs to protect growing terminals.
- The overall (adult + nymph) programs alternate effective products for adults and nymphs.
- If a rotation program starts with XXpire (4C + 5), it should not include Conserve (5), TriStar (4A) or Altus (4D).



Contact your SePRO **Technical Specialist** for more information. **1-800-419-7779**

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