

# Spotted lanternfly (SLF) Life Stages, Where to Look, and Management



## LIFE STAGES

Egg Masses  
 Instars 1-3 (Black nymphs)  
 Instar 4 – (Red nymphs)  
 Adults

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Egg Masses	█									█		
Instars 1-3 (Black nymphs)				█								
Instar 4 – (Red nymphs)						█						
Adults								█				

Note: There is considerable overlap between the different life stages of SLF. Egg masses also take on multiple appearances, covered **and** non-covered masses should be removed.

Photos: Steven Rettke and Timothy Waller – Rutgers Cooperative Extension

## WHERE TO LOOK

Tender Plants / New Growth  
 Woody Plants  
 Hard Surfaces

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Tender Plants / New Growth				█								
Woody Plants						█						
Hard Surfaces	█									█		

**Favorite tender plants and new growth:** Roses, grapes, herbaceous weeds, flowers, shrubs, and new growth of other favorites. **Favorite woody plants:** Tree of heaven, black walnut, birch, willow, sumac, red and silver maple. **Common hard surfaces:** Pallets, stone features, buildings, telephone poles, fences, stationary vehicles, etc.

## MANAGEMENT

Scrape Egg Masses  
 Squish or Stomp  
 Sticky-bands or Circle-traps  
 Contact Pesticides\* – last resort

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Scrape Egg Masses	█									█		
Squish or Stomp				█								
Sticky-bands or Circle-traps				█								
Contact Pesticides* – last resort				█								

**\* DO NOT SPRAY PLANTS DURING THEIR BLOOM PERIOD. Contact materials:** Insecticidal soaps, Natural pyrethrins, Carbaryl, Neem oil (formulations vary greatly), Zeta-cypermethrin, Synthetic pyrethroids (bifenthrin, deltamethrin), Malathion. **ALWAYS REFER TO THE LABEL OF ALL MATERIALS, THE LABEL IS THE LAW.**

Compiled by Rutgers - Nursery and Green Industry Working Group  
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