

production sites. It has been observed in some localities in the United States that TSWV tends to be more severe in fields that are near ornamental plantings and greenhouse production areas.

Additional considerations for the greenhouse.

- Use certified, disease-free plant material.
- For greenhouse production areas, do not reuse soil from infested plantings unless it has been sterilized. This should reduce pupae of thrips.
- Destruction of weeds and infected crop plants has aided in the control of TSWV in the greenhouse. Sanitation in and around greenhouses is imperative.
- Adjusting greenhouse temperatures may provide delays in expression of symptoms. For example, it has been noted that cooler temperatures delay symptom expression in chrysanthemum. However, because infected, symptomless plants are a source of virus, it might be best to avoid cooler temperature so that infected plants express symptoms sooner which would allow for earlier roguing.
- Small mesh screens (100-400) should be used for greenhouse ports to minimize entrance of thrips. Also, entrance ports should have a separate foyer-type entrance to reduce direct movement of thrips from the outside. Fans that exhaust air should also reduce the entrance of thrips into greenhouses.

Table 1. Some common plant species (not including weeds) that are infected by TSWV.

Common name	Scientific Name	Common name	Scientific Name
Agronomic and Vegetable Crops		Ornamentals (continued)	
Tobacco	Nicotiana tobacum	Nasturtium	Tropaeloum majus and others
Tomato	Lycopersicon esculentum	Impatiens	Impatiens spp.
Pepper	Capsicum annum	Petunia	Petunia spp.
Potato	Solanum tuberosum	Zebra plant	Aphelandra squarrosa
Eggplant	Solanum melongena var esculentum	Gloxinia	Sinningia speciosa
Lettuce	Lactuca sativa (many varieties)	Statice	Limonium latifolium
Endive	Cichorium endivia	Verbena	Verbena litoralis
Celery	Apium graveolens	Strawflower	Gomphrena globosa
Peanut	Arachis hypogaea	African violet	Saintpaulia ionantha
Spinach	Spinacia oleracea	Ageratum	Ageratum spp.
Bean	Phaseolus vulgaris	Amaranthus	Amaranthus spp.
English pea	Pisum sativum	Anemone	Anemone spp.
Southern pea	Vigna sinensis	Begonia	Begonia spp.
Soybean	Glycine max	Calceolaria	Calceolaria spp.
Watermelon	Citrullus vulgaris	Calendula	Calendula officinalis
Cucumber	Cucumis sativus	Exacum	Exacum spp.
Cauliflower	Brassica oleracea var botrytis	Geranium	Geranium spp.
Broccoli	Brassica oleracea var botrytis	Snapdragon	Antirrhinum spp.
		Dusty miller	Senecio cineraria
		Madagascar-jasmine	Stephanotis floribunda
Fruit crops		Ranunculus	Ranunculus spp.
Papaya	Carica papaya	Cyclamen	Cyclamen spp.
Pineapple	Ananas sativus	Cineraria Hydrangea	Hydrangea spp.
		Gypsophila	Gypsophila
Ornamentals		Gerbera daisy	Gerbera jamesonii
Amaryllis	Amaryllis spp.	Peony	Peony spp.
Gladiolus	Gladiolus spp.	Sage	Salvia spp.
Calla lily	Zantedeschia spp.	Forget-me-not	Myosotis scorpiodes
Lillies (various)		Morning glory	Ipomea spp.
Dahlia	Dahlia spp.	Coleus	Coleus spp.
Marigold	Tagetes spp.	Larkspur	Delphinium
Chrysanthemum	Chrysanthemum spp.	Lupine	Lupinus spp.
Aster	Aster spp.	Evening Primrose	Oenothera
Zinnia	Zinnia spp.	Coreopsis	Coreopsis spp.

