

Pre-Harvest Clean-Up, Post-Harvest Clean

For growers who want fast, consistent on-contact knockdown and control on virtually any crop for the day of the harvest, Tersus® Insecticide delivers rapid results. The active ingredient in Tersus is pyrethrins, a botanical insecticide that is nonpersistent in the environment, and controls a broad-spectrum of insects such as aphids, thrips, lygus, leafhoppers and many more. Maximum residue levels (MRLs) have been established across the largest export markets, making Tersus well-suited for high-value export crops.

- Fast – Delivers rapid knockdown and control on a broad-spectrum of insects
- Flexible – Can be applied day-of-harvest on almost every crop
- Flushing Action – Excites mites and insects without piperonyl butoxide (PBO)
- Convenient – Short 12-hour REI minimizes disruption of workers during pre-harvest



Insects Controlled

Tersus provides control on the most predominant pests with an instant knockdown and control. It is effective on a broad range of insects including the following:

- aphids
- katydids
- leafhoppers
- squash bugs
- thrips
- whiteflies

How to Use

<i>Tersus</i> oz/A	A/qt	A/gal
4.5 fl oz (low rate)	7	28.4
9.0 fl oz (average rate)	3.5	14.2
13.5 fl oz (high rate)	2.4	9.5
17.0 fl oz (extreme pest pressure)	1.9	7.5
Rate for Hand Sprayers	1.5–3 tsp/gal of water	

Product Specifications

- **Packaging:** Quarts (6 per case), Gallons (4 per case). One gallon treats up to 28 acres
- **Food Handling:** Not for use in food areas
- **Active Ingredients:** Pyrethrins
- **Flammability:** Not classified as flammable or combustible by OSHA
- **Mode of Action:** Sodium channel modulator, disrupts insects' nervous systems
- **Class of Chemistry:** Pyrethrins
- **Respirator Requirements:** Respirators required for fogging in enclosed areas such as greenhouses
- **Mix or Dilute:** In water only
- **Activity:** Quick knockdown, contact control that flushes insects from hiding
- **PHI:** 0

Tips for Best Performance

- **Buffer the pH of the Tersus® Insecticide spray solution to 5.5-7.0.** Application of the spray solution with a pH outside of this range may result in poor performance on target pests.
- **Tersus is a contact insecticide—good coverage is key.** The amount of water used as a carrier has to be sufficient to achieve good coverage and contact with target insects.
- **Tersus may be applied in conjunction with a spreader or wetting agent.** While *Tersus* should be compatible with most products, conducting a small-scale test to ensure the lack of phytotoxicity of the combination is recommended.
- **Consider application in early morning, late evening or during the night.** Reduced UV exposure and lower temperatures will increase performance and reduce impact on pollinators.
- **For most situations, start at the “mid” application rate for Tersus.** In general, using *Tersus* at the rate of 9 fl oz/A provides excellent knockdown and control of insects. Conditions under which increasing the rate used per acre are recommended include the following: 1) extremely high insect populations, or 2) when the insect population is dominated by late-stage immature or adults.
- **Carefully monitor insect populations and apply when insects are in their early life stage.** Monitor your crops for the first appearance of insects and treat the insects during the early stages of colonization.
- **Tank mix Tersus with other products.** *Tersus* adds quick knockdown and control, broad-spectrum control and resistance management benefits to other crop protection products such as Bts, azadirachtin, spinosad and neem oil.
- **Apply Tersus when target insects are active.** Apply when the target insects are active to increase the direct contact during early stages of colonization.
- **Remove beneficial insects or apply when beneficial insects are not present.**

