

Active ingredients available to consumers

Christine Casey, UC Davis Bee Haven

Safe for bees when dry

- Neem oil
- Spinosad
- Horticultural oil
- Insecticidal soap
- *Bacillus thuringiensis israelensis*

Lethal to butterfly larvae

- Spinosad
- *Bacillus thuringiensis kurstaki*

Cautions

- Never apply to flowering plants
- Apply at the end of the day so material is dry by morning
- Fungicide/insecticide mixes can increase toxicity