

Managing young trees

Pistachio Information and Technology Group
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**Hort
Innovation**
Strategic Levy Investment

**PISTACHIO
FUND**



Little leaf
symptoms



Dead shoots in the upper canopy

Zn deficiency

- In the spring, symptom of Zn deficiency is the delayed opening of vegetative and flower buds by as much as a month. This delay gives the appearance of cold injury to the 1-year-old wood in the upper canopy (Beede et al. 2016).
- Newly planted and early bearing trees are particularly prone to Zn deficiency.

Zn deficiency

- Zn trial – CMV farm.
- Zicron application.
- Zicron contains Complex Polymeric Polyhydroxy Acids (CPPA) technology.
- CPPA has ability to stimulate plant functions (recommended from UC Davis studies).
- To increase Zn absorption and mobilization within plant.

Layout of Zn trial



- At the end of the season, Zn content in the leaves & shoot tips will be evaluated with current recommendation.
- Next season shoot growth need to be monitored.

Thank you