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Avocado—Young Tree Pest Monitoring

Supplement to UC IPM Pest Management Guidelines: Avocado

Grower: _____ Date: _____

Location: _____ Comments: _____

Directions: During the first 3 to 5 years of tree growth, inspect young trees regularly, every 7 to 10 days during late winter and through summer. Monitor as many of the young trees as possible, randomly selecting trees so that monitoring is scattered throughout the grove. Ideally, at least 25 trees or 25% of all young trees in the grove should be regularly monitored.

1. Record the presence of weeds, any lack of thick mulch, or sufficient irrigation if these occur within several feet of the trunk.
2. Inspect each trunk, the root crown, and main scaffold limbs. Make a check mark beneath the cause of any damage or write in the pest's name.
3. Select three branch terminals per tree at random. Shake foliage over a collecting surface. Record which pest and important beneficial species are dislodged onto the collecting surface.
4. Randomly select and visually inspect at least 5 leafy shoots or young branch terminals (e.g., 1-foot-long terminals) per tree, including any fruit they may have. Record the pest and important beneficial species, based on their presence or fresh characteristic damage symptoms.
5. Mark trees (e.g., with colored flagging) and record locations on a map if trees require control action.

Tree	Problem occurs within several feet of trunk			Damage, infection, or infestation (make a check mark or write in the pest species name)						
	Weeds ¹	Mulch needed	Irrigation, excess or deficient	Avocado root rot	Phytophthora canker	Vertebrates ²	Caterpillars ¹	Mites ¹	Thrips ¹	Other pests ³
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Total										

1. Use the appropriate pest-specific monitoring methods and forms to help determine if thresholds are exceeded or if treatment is warranted.
 2. Vertebrate pests of young trees include: Coyote, Deer, Ground squirrels, Pocket gophers, Rabbits, and Voles.
 3. Other invertebrate pests of young trees include: False chinch bugs, Earwigs, Grasshoppers, June beetles, Snails.

Map of the grove

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NOTES:

