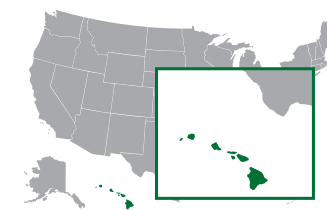


TREE PEST PROGRAM PLANNER

Hawaii



USING THIS CHART







Use the chart below to determine what time of year to treat, and which Arborjet product to use.

 **TREATMENT WINDOW** | BEST

 **TREATMENT WINDOW** | MODERATE

WHAT YOU NEED TO KNOW

- Multiple application choices may be available and the benefits of each are discussed. These treatments may vary in cost, longevity (residual), and control.
- Our insect control, disease control, and micronutrient injections can be followed up routinely with a soil treatment like **NutriRoot® 2-2-3** to help maintain micronutrient balance in the soil.

PEST			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	Ficus Stem Gall Wasp	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	TREE-äge® G4 and TREE-äge® R10 provide highly effective control for up to 2 years with a single application. Include PHOSPHO-jet™ to aid in tree health recovery.											
	Ficus Leaf Gall Wasp	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	IMA-jet® reduces development of galls on new leaves.											
	Lobate Lac Scale	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	IMA-jet provides excellent season-long control reducing honeydew and sooty mold produced by scale infections. AzaSol® is an OMRI-listed botanical that can be sprayed or injected.											
	Monkeypod-Kiawe Caterpillar	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	TREE-äge G4 and TREE-äge R10 provide highly effective control for up to 2 years with a single application. ACE-jet™ offers a quick knock down that lasts about 60 days. AzaSol is an OMRI-listed botanical and can be sprayed or injected.											
	Coconut Rhinoceros Beetle	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	IMA-jet plus ACE-jet reduces feeding damage on new palm frons. Repeat treatment after 180 days.											
	Whitefly, Thrips, Aphids (including root aphids)	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	IMA-jet provides season-long control, reducing honeydew and sooty mold produced by aphid infections. AzaSol is an OMRI-listed botanical that can be sprayed or injected. ACE-jet offers a quick knockdown that lasts about 60 days.											

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PEST			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	Garden Insects	Treatment Window	Treat when insect damage becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	ECO-1® Garden Spray, AzaSol.											
	Rapid Ohi'a Death (Ohi'a Wilt)	Treatment Window	Treat preventatively when disease becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	Propizol® provides excellent preventative protection against this disease.											
	Algae/ Fungus Growth	Treatment Window	Treat when algae/fungal growth becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	FungiShield™ provides extended protection in high rainfall/humidity areas; Aqua-T™ combines specific strains of bacteria and bacterial enzymes to reduce sludge, control foul odors, and digest the excess nutrients which may cause problematic algae growth.											
	Chlorosis	Treatment Window	Treat when chlorosis becomes apparent. Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	Use PALM-jet Mg™ or Mn-jet Fe™ to alleviate certain micronutrient deficiencies. Use NutriRoot® as a soil application to also encourage root growth. The addition of Shortstop® 2SC will promote a greener and healthier tree through secondary effects, such as an increase of fine root development. It is these fine roots that will increase the uptake of iron and manganese available in the soil.											
	Salt Damage	Treatment Window	Treat when signs of salt damage becomes apparent, such as browning or discoloration of needles beginning at tips, bud damage or death. Twig and stem dieback. Delayed bud break. Reduced or distorted leaf or stem growth. Witches' broom development (tufted and stunted appearance). Given the climate, treatments can be made anytime of the year, but best when soil moisture is good.											
		Application Choice	Na-X™ is a soluble electrolyte solution which reduces excess sodium salt levels and stimulates biological activity in soils.											
	Turf Drought and Brown Spots	Treatment Window	Treat when drought stress becomes apparent. Given the climate, treatments can be made anytime of the year; be sure to water in after application.											
		Application Choice	Use Hydretain® as a root zone moisture management technology that effectively reduces the overall watering requirements of plants, shrubs, trees, turf and agriculture by as much as 50% or more.											