

## Grouping Avocado Pesticides by health and environmental impact

Note that the rate at which a pesticide is used can affect the selectivity, e.g. Calypso is more selective at the rate used in avocados than the heavier rate used in pipfruit.

The way a product is used also has an effect, e.g. a post-harvest treatment has less general impact than a field spray.

IMPACT	ACTIVE INGREDIENT	TRADE NAME (e.g.)
HIGH	permethrin, pirimiphos methyl	Attack
	carbaryl	Carbaryl, Sevin Flo
	chlorpyrifos	Lorsban, Chlorfos, Chlorpyrifos, Pychlorex, Pyrinex
	acephate	Orthene, Lancer
MODERATE	diazinon	Dew, Diazinon
	maldison	Malathion
	tafluvalinate	Mavrik
	pyrethrum, field spray	Pyrethrum
LOW	abamectin	Avid, Verdex, Abamax
	thiacloprid	Calypso, Topstar
	tebufenozide	Mimic, Comic, Islandzide
	milbemectin	Mit-E-Mec
	oil	D-C Tron, Excel
	phosphorous acid	Foli-R-Fos, Foschek, Phosgard
	emamectin benzoate	Proclaim
	spinosad	Success, Entrust Naturalyte
	pyrethrum, post-harvest	Key Pyrethrum
	prochloraz, post-harvest	Sportak, Mirage, Zelum
copper	Blue Shield, Kocide, Champ, Liquicop	

Within the leafroller sprays in the Low Impact Group:

**Bt < Mimic < Proclaim < Success**

Where Bt has the least impact.