

Miticide	Mode of Action	Manuf.	Population	Eggs	Young	Adult	Residual in Days	Interval	Translaminar	Which Mites	REI in hours	Rate	Comments
Dormant Oil		several	High	yes	yes	yes	no		no	All			Least expensive
Summer Oil-Ultra Fine		several	High	yes	yes	yes	no	7 days	no	All			Least expensive
Akari	21 METI	SePro	High	no	yes	yes	21-28		no	Spider, Broad, Rust.		16-24 oz/100 gallon	Contact, not systemic. Greenhouse, field, interior.
Apollo SC	10A	Makhteshim		yes	no	no		1x/crop/yr		Spider, spruce		4 to 8 oz/acre	Fruit & Christmas tree label. 50 - 400 gal water/acre
Avid	6	Syngenta	High	no	yes	yes	7 day	7 day		Spider, Spruce, Broad, Rust.		4 fl oz/100 gallons/A	Label has rates for pests other than mites. Coverage critical, underside of foliage.
Floramite	25	OHP	High	yes	yes	yes	up to 28	2x/crop/yr	no	Spider, Spruce		4-8 fl oz/100/A	Also GH, inactive against beneficials; use quickly once mixed because of water pH, an adjuvant can be added.
Hexygon	10A	Gowan	Low	yes	yes	no	30	1x/crop/yr	no	Spider, Spruce		1-2 oz/100 gal or 4-6 oz/Acre	Coverage critical. May use a spreader-sticker.
Judo	23	OHP	High	yes	yes	yes	21-30+	4x/yr; 5-10 day interval	Limited to yes	Spider, Spruce, Broad, Rust.		2-4 fl oz/100 gal	Inform. varies on # days residual and degree of translaminar ability, rainfast. Also GH, coverage critical, an adjuvant may be used; Joe Hill can get. \$33/oz 0.6-1.2 ml/gal; 1.8-3.6 ml/3 gal
Kelthane	20	DowAgro	High	no	yes	yes	yes	5-7 days	no	Spider, Broad, Spruce, Rust		0.5 to 1 lb/ 20-100 gal/acre. 2 pints /Acre	GH; safe to beneficials; contact; coverage critical; pH sensitive; adjuvant may be used; best to use 1x/yr or skip a year if used 2x/yr. Apply in sufficient water volume to assure uniform and complete coverage. Pulled from market in 2010, existing supplies can be used.
Ovation SC		Scotts		yes		yes	45 days is possible			Spider	12	2 fl oz/100 or 4-8 fl oz/A	Spray to underside of foliage; recomb 1x/yr/crop; kill by contact; can be used in GH;
Pylon	13	OHP	High	no	yes	yes	21-28	2x; 5 days apart.	yes	Spider, Broad, Rust		2.6 to 5.2 fl oz/100	GH only; no surfactant; Spider requires 2x 5 to 7 days apart at high rate. No more than 3x/crop/yr
Sanmite	21	Scotts	High	no	yes	yes	Yes	5-7 days	no	Spider, Broad	12	4 oz/100	Greenhouse use; adjuvants or wetting agent may be used.
Sevin	1	several	High	no	yes	yes	no	5-7 days	no	Rust only			May cause spider mite population to explode by killing predators. Other rust mite products are preferred.
Shuttle 15 SC	20B	Arvesta	High	yes	yes	yes	21-28	Do not repeat	no	2 Spotted & Spruce. Not Rust		6.4 - 12.8 fl oz/100 gal.	Quick knockdown, long residual, harmless to most predacious mites & beneficial insects; thorough coverage required; controls all life forms.
TetraSan	10B	Valent	low	yes	nymphs	no	yes	2x/yr No sooner than 14 days	yes	Spider, Spruce		14-20 packets/ 100	GH; adults are not killed, but will not produce viable eggs. Can be tank mixed with a contact adulticide. Coverage critical. Sterilizes adult mites.

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