

Summary of changes to Reduced-Risk Pesticide List, 1/24/2006
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Pesticides added to the Reduced-Risk Pesticide List - December, 2005

KEY
Pesticide Types: A=adjuvant, F=fungicide, H=herbicide, I= insecticide, M=molluscicide, P=plant hormone, Q=public health/ mosquitoes, V=vertebrate, W=herbicide in water
Use Category: A = allowed, L= limited, L* = special concern
Hazard Tier: * =highest hazard, ***=lowest hazard, /=insufficient data
EPA Reg #: US EPA registraton number, from Dept. of Pesticide Regulation databases. "OLD" = inactive or soon to be inactive registration #. First two groups of numbers (XXXX-XXX) identify the product.

Pesticide Type	Use Category	Hazard Tier	Product Name	Active Ingredients	EPA Reg #	Uses / Limitations	Justification
I	L*	*	Marathon II Granular Greenhouse & Nursery	imidacloprid 21.4%	432-1369-AA- 59807	Nursery use only for control of mealybug, scale, and other sucking insects. Only for use on slow-growing specimen plants for which Marathon 1% does not work.	Other product, Marathon 1%, not working on palms and other slow growing specimen plants.
I	A	***	NIC325	limestone dust 95.5%, corn gluten meal 0.5%	EPA Exempt	For use as a desiccating dust in the prevention and treatment of bedbugs and other insects.	Low risk product will help with prevention in high-risk areas.
I	A	***	Victor Poison Free Wasp & Hornet Killer	Mint Oil 8.0%, Sodium Lauryl Sulfate 1.0%, Inert Ingredients 91.0%, Water 88.5%, CO ₂ 2.5%	Product # M604	Bee, wasp, and hornet control	Lower risk alternative to PT Brand Wasp Freeze

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Pesticides changed in the 2006 Reduced-Risk Pesticide List - Changes made December, 2005

The new versions are listed here, with notes on changes made

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Bold products - changed or added since 2004 list

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F	L*	*	Heritage Fungicide	azoxystrobin 50%	10182-408-AA-10182	Consider/emphasize use of compost tea for preventative; improve aeration and monitoring programs. To be used only as a spot treatment on high profile sports greens.	Removed restriction to golf courses; Dept. of Rec & Parks occassionally may need it as a tool on other high-profile greens such as bowling greens.
F/I	A	**	JMS Stylet Oil	petroleum distillates, refined 97.1%	65564-1-AA	Use up existing stock only for Rec&Park and SFIA.	Use up existing stock - trying to phase out in favor of safer alternatives.
H	L*	*	ProTurf K-O-G Weed Control, Andersons Golf Products K-O-G Weed Control	dicamba 0.7%	538-112-AA-538(OLD) 9198-184-AA(NEW)	Spot application on greens only when hand-weeding is not feasible. Only for <i>Soliva sessilis</i> and <i>Cotula mexicana</i> in golf greens. Require comparison with Vanquish, handweeded section of bowling greens.	Fixed typo: dicamba is 0.7% (not 7%). Removed one year limitation to accommodate mandated standards set by PGA golf tournament which will be returning to Harding Park Golf Course.
I	L	**	Saf-T-Side	paraffinic oil	48813-1-AA	Use up existing stock only. Try Spraytech first.	use up existing stock - trying to phase out

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Pesticides removed from the 2005 Reduced-Risk Pesticide List - December, 2005

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Pesticide Type	Use Category	Hazard Tier	Product Name	Active Ingredients	EPA Reg #	Uses / Limitations	Justification
I	A	***	Cinnamite	cinnamaldehyde 30%	58866-12-ZA(OLD)	mites	Doesn't work - nobody uses it, smell is too strong.
I	A	***	EcoExempt IC	Rosemary oil 10%; wintergreen oil, mineral oil (inerts)	Exempt from EPA Reg.	general insecticide	Nobody using it - smell is too intense.
I	L	**	MaxForce FC Professional Insect Control Ant Killer Gel	fipronil 0.001%	64248-21-ZA(OLD) 432-1264- ZA(NEW)	Minimize use through prevention, possible concern over active ingredient.	Duplicate of another product
H	L*	**	Pendulum WDG Herbicide	pendimethalin 60%	241-340-AA	One year limit. SFIA landscape use only. Use weed cloth whenever possible. Limit to high priority areas, including new plantings in hazardous areas too dangerous for handweeding. Renovations require exemption. One-year exemption for experimental use on <i>Ehrharta</i> in arboretum	SFIA will apply for an exemption if they need to use it in the future. Nobody else uses it.
F	A	/	RootShield Drench	<i>Trichoderma harzianum</i> rifai strain krl-ag2 1%	68539-4-ZB-68539	fungicide for powdery mildew and root rot	Duplicate product - not necessary
F	A	/	Serenade	<i>Bacillus subtilis</i>	69592-4-AA	fungicide, mostly for powdery mildew	Not needed
I	L	**	The Ecology Works Dust Mite and Flea Control	disodium octaborate tetrahydrate (DOT) (98%)	67419- 1-ZB	For flea and dust mite control when mechanical methods are impractical, in conjunction with prevention. Limit human exposure to dust.	Concern over large % active ingredient and potential human exposure. Not needed.
V	L	*	Weatherblok Bait with Bitrex	brodifacoum	10182-339-AA-10182 (OLD)	Extreme concern over 2nd poisoning, see site specific limits	Final stage in phasing out brodifacoum.
V	L	**	Wilco 'Gopher Getter' Type 2 Bait	chlorophacinone 0.005%	36029-50003-AA	Damage to: dams, levies, athletic fields, active recreation areas, structures, high cultural value or landmark areas. Public Health concerns.	Product registration now inactive. No request for replacement product.