

# Integrated Pest Management for Blueberries

Updated April 19, 2012



## Fungicides

Trade Name <sup>1</sup>	Common Name <sup>2</sup>	Oral LD50 <sup>3</sup>	Dermal LD50 <sup>3</sup>	EPA Toxicity <sup>4</sup>	Environmental Impact Quotient (EIQ) <sup>5</sup>
Abound	azoxystrobin	>5000	>2000	IV	26.92
Serenade	<i>Bacillus subtilis</i>	Non-Toxic	NDA	NDA	10.28
Oil	BioCover; Sun; JMS	>2000	>2001	III	NDA
Pristine	boscalid + pyraclostrobin	1490	2000	III	26.44
Lime Sulfur	calcium polysulfide	Skin Irritation	NDA	NDA	NDA
Captan	captan	>9000	>4500	IV	15.77
Captevate	captan + fenhexamid	>2000	>5000	IV	NDA
Bravo	chlorothalonil	>10000	>10000	IV	37.42
Switch	cyprodinil + fludioxonil	>2000	>2000	III	26.77
Indar	fenbuconazole	>2000	>5000	III	34.50
Elevate	fenhexamid	>5000	>5000	IV	12.38
Omega	fluazinam	5000	>2000	III	23.33
Aliette	fosetyl-al	5800	>3200	IV	12.00
Iprodione	iprodione	3500	>1000	III	24.25
Potassium bicarb	Kaligreen, Milstop	2700	>5000	III	8.00
Coppers	Kocide, Champ, etc.	1346	>5000	III	33.20
Ridomil Gold	mefenoxam	669	>3100	III	NDA
Quash	metconazole	1750	>5000	III	NDA
Sulfur	microthiol	Non-toxic	Skin Irritant	NDA	32.66
Fosphite, Phostrol	phosphorous acid	>5000	>5000	IV	8.67
Tilt; PropiMax; Bumper	propiconazole	1517	>4000	III	31.63
Ziram Granuflo	ziram	1400	>6000	III	25.15

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Saber	2, 4-D amine	375	1400	II	NDA
Vinegar (Weed Pharm)	Acetic acid	Skin Irritation	Skin Irritation	NDA	NDA
Basagran	bentazon	1100	>2500	III	18.67
Aim	carfentrazone	5143	>4000	IV	20.18
SelectMax	clethodim	2920	>5000	III	17.00
Stinger	clopyralid	>5000	>5000	IV	18.12
Casoron	dichlobenil	3160	1350	III	23.45
Karmex	diruon	>5000	>5000	IV	26.47
Fusilade	fluazifop	2450	>2420	III	28.41
Chateau	flumioxazin	>5000	>2000	IV	NDA
Rely	glufosinate	2000	>2000	III	20.20
Roundup, others	glyphosate	5600	>5000	IV	15.33
Sandea	halosulfuron	1287	>5000	III	20.2
Velpar	hexazinone	1690	>5278	III	18.00

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## Herbicides (2)

Trade Name <sup>1</sup>	Common Name <sup>2</sup>	Oral LD50 <sup>3</sup>	Dermal LD50 <sup>3</sup>	EPA Toxicity <sup>4</sup>	Environmental Impact Quotient (EIQ) <sup>5</sup>
Gallery	isoxaben	>10000	>2000	IV	NDA
Callisto	mesotione	>5000	>2000	IV	18.67
Devrinol	napropamide	>5000	>4640	IV	12.57
Solicam	norflurazon	>8000	>20000	IV	17.50
Surflan	oryzalin	>1000	>2000	IV	18.10
Gramoxone	paraquat	150	236	II	24.73
Scythe	pelargonic acid	>5000	>2000	IV	NDA
Simazine	princep	>5000	>3100	IV	21.52
Kerb	pronamide	8350	>3160	IV	19.36
Matrix	rimsulfuron	>5000	>5000	IV	15.84
Poast	sethoxydim	3200	>5000	III	20.89
Dual Magnum	S-metolachlor	2149	2020	III	NDA
Sinbar	terbacil	>5000	>5000	IV	22.13

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## Insecticides (1)

Trade Name <sup>1</sup>	Common Name <sup>2</sup>	Oral LD50 <sup>3</sup>	Dermal LD50 <sup>3</sup>	EPA Toxicity <sup>4</sup>	Environmental Impact Quotient (EIQ) <sup>5</sup>
Assail	acetamiprid	314	>2000	II	28.73
Neem	Aza-Direct, Neemix	>5000	>2000	IV	12.10
DiPel, Javelin, MVP	bacillus thuringiensis	Non-Toxic	NDA	NDA	13.33
Brigade	bifenthrin	375	>2000	II	44.35
Sevin	carbaryl	500	>2000	III	22.73
Altacor	chlorantraniliprole	>5000	>5000	IV	18.34
Cryolite Bait	cryolite	>1000	NDA	III	20.16
Diazinon	diazinon	300	379	II	44.03
Thionex	endosulfan	18	74	I	38.55
Asana XL	esfenvalerate	458	2500	II	39.60
Danitol	fenpropathrin	70.6	>2000	II	25.33
Admire Pro	imidacloprid	424	>5000	II	36.71
Provado	imidacloprid	424	>5000	II	36.71
Avaunt	indoxacarb	268	>5000	II	31.19
Malathion	malathion	885	4000	III	23.83

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Lannate	methomyl	30	>2000	I	22.00
Intrepid	methoxyfenozide	>5000	>2000	IV	32.08
Rimon	novaluron	>5000	>2000	IV	14.33
Imidan	phosmet	147	3160	II	32.82
Pyganic	pyrethrin	1500	1800	III	37.12
Esteem	pyriproxfen	>5000	>2000	IV	14.67
Knack	pyriproxyfen	>5000	>2000	IV	14.67
Pyrellin	rotenone + pyrethrin	NDA	NDA	NDA	29.43
Soaps	Safer, M-Pede	Non-Toxic	NDA	NDA	19.45
Delegate	spinetoram	>5000	>5000	IV	27.78
Success, Entrust	spinosad	3783	>2000	III	14.38
Confirm	tebufenozide	>5000	>5000	IV	16.44
Actara	thiamethoxam	1563	NDA	III	33.30
Platinum	thimethoxam	1563	NDA	III	NDA
Mustang Max	zeta-cypermethrin	157	>5000	II	NDA

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## Other Pesticides

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Ethrel	ethephon	4229	5730	III	24.80
Dormex	hydrogen cyanamide	<0.5	NDA	I	NDA
Sluggo	iron phosphate	>5000	>5000	IV	NDA
Deadline, others	metaldehyde	250	>5000	II	11.73
Bird Shield, ReJex-iT	methyl anthranilate	3000	NDA	III	NDA
Prozap Z-P Pellets	zinc phosphide	45	NDA	I	NDA

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