

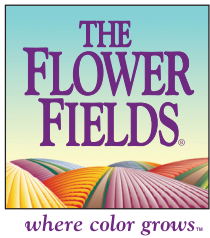
THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 1

READ AND FOLLOW THE INSTRUCTIONS ON THE LABEL BEFORE USING ANY PESTICIDE. Unless otherwise noted, all pesticides included on this chart are labeled for ornamentals in general or allow testing on crops not specifically listed and full use on these crops after they have been tested without injury. Some pesticides are not available in all states. Before using a pesticide on the crop for the first time or on a new cultivar, treat a few plants and check for phytotoxicity. Some pesticides listed are no longer being manufactured for use on ornamentals, but they are included as they are still available for sale and use until existing supplies are gone. **Chart updated June 2004.**

AI	Active Ingredient	SL	Suspension Liquid
E or EC	Emulsifiable Concentrate	T&O or T/O	Turf & Ornamental
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F	Flowable	WDG	Water Dispersible Granules
G	Granular	WSB	Water Soluble Bag
L	Liquid	WSP	Water Soluble Pouch
LC	Liquid Concentrate	*	Do not apply through any type of irrigation system.
ME	Micro-Encapsulated		
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S	Soluble		
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS	
Aphids	Biological	<i>Beauveria bassiana</i>	2004	BotaniGard® 22 WP	WP	8–16 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*	
			2004	BotaniGard® ES	ES	16–32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*	
			2001	Naturalis® T&O	L	30–100 fl. oz.	4	At least 3–5 applications are necessary. Wait 48 hours before applying fungicides.	
	Botanical	Azadirachtin	2004	Azatin® XL	EC	12–16 fl. oz.	4	Acts as an insect growth regulator. Do not exceed 10–21 fl. oz./acre. Also labeled for low volume use. For use on brachyscome, daisies, impatiens, petunias, portulaca, snapdragons and verbena only.	
			2004	Ornazin 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.	
		Neem Oil	2004	Triact® 70	EC	1–2 gal.	4	*	
		Nicotine	2004	Fulex Nicotine Fumigator		12 oz./20,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.	
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12		
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.	
			2004	Preclude® TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.	
			2002	Mesuro®	75 W	8–16 oz./acre	24	Apply in 50 gallons of water. Repeat as necessary applying up to 2 applications/season. Apply no sooner than 10 day intervals. Do not apply with oil or foliar fertilizer.*	
	Chlorinated Hydrocarbon	Endosulfan	2004	Thiodan® 3EC	EC	21.3 fl. oz.	24	Do not exceed a maximum of 4 qt./acre/year.*	
			2004	Thiodan® 50WP	WP	16 oz.	24	Do not exceed a maximum of 6 lbs./acre/year.*	
			2004	Fulex Thiodan®	Smoke	6 oz./10,000 ft. ³	24	Foliage and blooms must be dry at the time of application.	
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*	
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*	
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*	
	Insect Growth Regulator	Kinoprene	2004	Enstar® II	5 E	5 fl. oz.	4	Also labeled for low volume use. See label for tank mix restrictions.	
		Pyriproxyfen	2003	Distance®	EC	6–8 fl. oz.	12	Apply no more than 2 applications/crop or 6 months.*	
	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. See label for tank mix restrictions. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings.*	
	Neonicotinoid	Acetamiprid	2004	Tristar 70	WSP	1 packet	24	Do not exceed 5 applications/crop/season or 22 packets. Apply no sooner than 7 day intervals.	
			Imidacloprid	2004	Marathon®	1 G	See label.	12	
				60 WP	See label.	12	Apply to soil only.		
2004		Marathon II®	SC	1.7 fl. oz.	12	Apply coarse droplets as a foliar spray. Do not apply following a soil application in the same crop.			
Thiamethoxam	2003	Flagship	WG	2–4 oz.	12	Apply at not less than 7 day intervals. Also labeled for broadcast applications. Do not exceed 8 oz./crop/season. Test for phytotoxicity. For use through microirrigation.			



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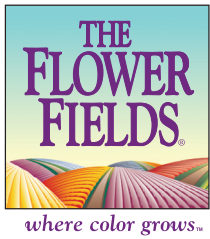
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Aphids Continued	Organophosphate	Acephate	2001	Address™ T/O	S, WSP	5.3 oz.	24	For use on daisies only. See label for mixing/application details.*
			2002	Orthene® Turf, Tree & Ornamental Spray	WSP	10.5 oz.	24	For use on daisies only.*
			2003	Orthene® Turf, Tree & Ornamental Spray 97	S	8 oz.	24	For use on daisies only.*
			2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
			2004	Dursban™	50 W	8–16 oz.	24	Not labeled for greenhouse use.*
		Diazinon	2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*
		Dichlorvos	2004	Fulex DDVP	Fumigator	5.1 oz./10,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
		Malathion	2001	Malathion 5EC	EC	24 fl. oz.	12	Check for phytotoxicity.*
			2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.
		Naled	2001	Dibrom®	8 E	1 fl. oz./10,000 ft. ³	24	Check for phytotoxicity.*
			2001	GH-18	Fog	1 fl. oz./3,000 ft. ³	24	For use on snapdragons only.
	Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.	
	Organophosphate plus Pyrethroid	2004	Chlorpyrifos plus Cyfluthrin	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	8–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	5–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Cyfluthrin	2004	Decathlon™	20 WP	1.9 oz.	12	Also labeled for low volume application.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*
		Fenpropathrin	2002	Tame®	2.4 EC	10.7 fl. oz.	24	Add 5.3–10.7 oz. of Orthene/100 gal. Do not exceed 16 fl. oz./acre/application.*
Fluvalinate		2004	Mavrik Aquaflow®	F	4–10 fl. oz.	12	Also labeled as a cutting dip at 5 fl. oz./100 gal. and for low volume application.*	
Lambda-cyhalothrin	2002	Scimitar®	GC	3–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*		
	2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.		
Pyridine Azomethine	2003	Pymetrozine	Endeavor	WDG	2.5–5 oz., up to 10 oz./acre	12	Foliar spray at 7–14 day intervals. For outdoor use, do not apply more than 48 oz./acre/year or 100 oz. for indoor use.*	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 3

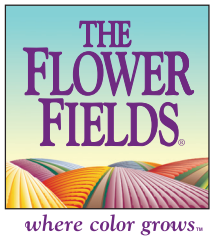
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Caterpillars/ Worms	Biological	<i>Bacillus thuringiensis</i>	2004	Biobit HP	WP	4–12 oz.	4	Check label for rate and application details.
			2001	Biobit XL	L	Rate depends on type of worm	4	Also labeled for low volume applications.*
			2004	Javelin	WG	.25–1.5 lbs..	4	Apply .25–1.5 lbs./acre with a minimum of 20 gal. solution/acre.*
			2004	Crymax® Bioinsecticide	WDG	24 oz.	4	Apply 1–2 lbs./acre.*
			2002	DiPel DF	DF	4–32 oz.	4	Also labeled for low volume applications.
			2004	Lepinox®	WDG	48 oz.	12	Apply 1–2 lb./acre.*
			2004	XenTari	WP	8–24 oz.	4	Also labeled for low volume applications.
			<i>Beauveria bassiana</i>	2001	Naturalis® T&O	L	30–100 fl. oz.	4
	Botanical	Azadirachtin	2004	Azatin® EC	EC	10–16 fl. oz.	12	Acts as an insect growth regulator. Do not exceed 21 fl. oz./acre. Also labeled for low volume use. For use on brachyscome, daisies, impatiens, petunias, portulaca, snapdragons and verbena only.
			2004	Ornazin 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz/1,500–3,000 ft. ²	12	
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.
			2004	Preclude® TR	Aerosol	3 oz./1500–3000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.
	Horticultural Oils	Horticultural Oils	2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Diflubenzuron	2004	Adept®	WSP	4–8 oz.	12	
			2004	Dimilin®	SC	2–4 fl. oz.	12	
			2004	Pedestal	SC	6–8 fl. oz.	12	Do not make more than 2 applications/crop/season. Do not make successive applications.
	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. Check label for tank mix restrictions.*
	Organophosphate	Acephate	2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
2004			Dursban™	50 W	8–16 oz.	24	Not labeled for greenhouse use.*	
Diazinon		2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*	
Malathion		2001	Malathion 8	EC & F	20 fl. oz.	12	Not labeled for greenhouse use.	
Naled		2001	Dibrom®	8 E	1 fl. oz./10,000 ft. ³	24	Check for phytotoxicity.*	



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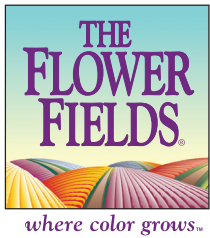
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Caterpillars/ Worms <i>Continued</i>	Organophosphate plus Pyrethroid	Chlorphenaphyr	2004	Pylon	25C	2.6–5.3 oz.	12	Apply no more than twice consecutively or three times per crop/season. Check label for mixing restrictions. Discontinue use prior to blooming. For use on ageratum, impatiens, petunias, snapdragons, and verbena.*
		Chlorpyrifos plus Cyfluthrin	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	8–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	5–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Cyfluthrin	2004	Decathlon™	20 WP	1.3 oz.	12	Also labeled for low volume application.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*
		Fenpropathrin	2002	Tame®	2.4 EC	10½ fl. oz.	24	May be tank mixed with Orthene Turf Tree & Ornamental Spray. Do not exceed 16 fl. oz./acre/application.*
		Fluvalinate	2004	Mavrik Aquaflow®	F	4–10 fl. oz.	12	Also labeled for low volume use.*
	Lambda-cyhalothrin	2002	Scimitar®	GC	1.5–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*	
Permethrin	2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.		
Spinosad	Spinosyn A&D	2001	Conserve™	SC	6 fl. oz.	4	Do not apply more than 10 times in a 12 month period per crop or greenhouse. Do not apply more than 3 consecutive applications.*	
Fungus Gnats	Biological	<i>Bacillus thuringiensis</i>	2001	Gnatrol®	L	16–128 fl. oz.	4	Do not combine with fertilizers or fungicides containing copper or chlorine.
		<i>Beauveria bassiana</i>	2001	Naturalis® T&O	L	30–100 fl. oz.	4	At least 3–5 applications are necessary. Apply as a course spray to media and under benches. Also labeled for shore fly control. Wait 48 hours before applying fungicides.
		<i>Steinernema feltiae</i>	2003	NemaShield™	WDG	1 container/1,000 ft. ²	-	Apply as a coarse spray to soil then rinse off foliage. Keep soil moist for 2 weeks following application. Apply at 2–4 week intervals.
			2001	Nemasys®	WDG	1 pack/550–1,700 ft. ²	-	Apply to moist soil. If applied over foliage, irrigate immediately with plain water to wash nematodes onto media surface.
			2001	X-Gnat®	WDG	1–2 containers/ 3,000 ft. ²	-	Three weekly applications are required at the curative rate.
	Botanical	Azadirachtin	2004	Azatin® EC	EC	8 fl. oz.	12	Apply as soil drench for maggot control. Acts as an insect growth regulator. Also labeled for shore fly control and low volume use. Do not exceed 21 fl. oz./acre.
			2004	Ornazin 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Also labeled for shore flies. Repeat applications every 7 days for 3 weeks. Do not exceed 22.5 oz./ acre/application.
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	
	Carbamate	Fenoxycarb	2001	Precision™ Accu-Pak	WSP	4 oz.	12	Also labeled for control of shore flies. Acts as an insect growth regulator. Apply as spray or drench. Do not exceed 30 applications/year.
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Apply as a spray. Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Apply as a spray. Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Apply as a spray. Check label for tank mix restrictions.*
	Insect Growth Regulator	Diflubenzuron	2004	Adept®	WSP	2 oz.	12	Also labeled for shore flies. Accurate delivery of active ingredient per container is essential. See label for details on applications and restrictions.
Kinoprene			2004	Enstar® II	5 E	5 fl. oz.	4	Spray to completely cover soil surface, water in after spraying to ensure contact with larvae and eggs. See label for tank mix restrictions.
Pyriproxyfen			2003	Distance®	EC	3–9 fl. oz.	12	Apply as a spray or drench. Also labeled for shore fly control. Apply no more than 2 applications/crop or 6 months.*



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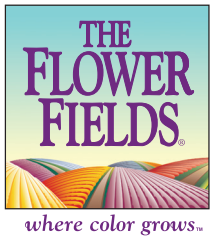
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Fungus Gnats <i>Continued</i>	Organophosphate	Acephate	2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
		Diazinon	2001	Knox Out® GH	ME	48–96 fl. oz.	12	Apply as a spray to the soil surface. Also labeled for shore fly control.*
	Organophosphate plus Pyrethroid	Chlorpyrifos plus Cyfluthrin	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
		Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12
	2004			Talstar® Flowable	F	8–40 fl. oz.	12	Apply as a spray.*
	2004			Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
	2004		Talstar® Nursery Granular	G	See label.	12		
	Pyrethroid	Cyfluthrin	2004	Decathlon™	20 WP	1.3 oz.	12	Apply as a spray. Also labeled for low volume application.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*
Permethrin		2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.	
Triazine	Cytomazine	2003	Citation®	WP	2.66 oz.	12	Apply as a spray or drench. Also labeled for shore fly control and low volume applications.*	
Leafminers	Botanical	Azadirachtin	2004	Azatin® EC	EC	10–16 fl. oz.	12	Acts as an insect growth regulator. Do not exceed 21 fl. oz./acre. Also labeled for low volume use. For use on brachyscome, daisies, impatiens, petunias, portulaca, snapdragons and verbena only.
			2004	Ornazin 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.
			2001	Precision™ Accu-Pak	WSP	2–4 oz.	12	Acts as an insect growth regulator. Also labeled for low volume application. Do not exceed 30 applications/year.
				Preclude® TR	Aerosol	4 oz./1,500–3,000 ft. ²	12	Acts as an insect growth regulator. Initially make 2 applications, one week apart. Thereafter, treat weekly as necessary.
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Diflubenzuron	2004	Adept®	WSP	4–8 oz.	12	Lepidopterors leafminers only.
			2004	Dimilin®	SC	2–4 fl. oz.	12	
			2004	Pedestal	SC	6–8 fl. oz.	12	Suppression only. Do not make more than 2 applications/crop/season. Do not make successive applications.
	Insect Growth Regulator	Novalvron	2004	Pedestal	SC	6–8 fl. oz.	12	Suppression only. Do not make more than 2 applications/crop/season. Do not make successive applications.
			2002	Distance®	EC	8–12 fl. oz.	12	Apply no more than 2 applications/crop or 6 months.*
Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. Check label for tank mix restrictions.*	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 6

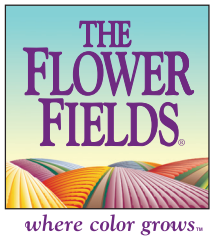
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E or EC	Emulsifiable Concentrate	T&O or T/O	Turf & Ornamental
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F	Flowable	WDG	Water Dispersible Granules
G	Granular	WSB	Water Soluble Bag
L	Liquid	WSP	Water Soluble Pouch
LC	Liquid Concentrate	*	Do not apply through any type of irrigation system.
ME	Micro-Encapsulated		
MW	Micronized Wettable		
S	Soluble		
SC	Suspension Concentrate		

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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Leafminers Continued	Macrocyclic Lactone	Abamectin	2003	Avid®	0.15 EC	8 fl. oz.	12	Apply 8–16 fl. oz./acre.*
	Neonicotinoid	Acetamiprid	2004	Tristar 70	WSP	2 packets	24	Do not exceed 5 applications/crop/season or 22 packets. Apply no sooner than 7 day intervals.
		Imidacloprid	2004	Marathon®	1% G	See label.	12	
			60 WP	See label.	12	Apply to soil only.		
	2004	Marathon II®	SC	1.7 fl. oz.	12	Apply coarse droplets as a foliar spray. Do not apply following a soil application in the same crop.		
	Organophosphate	Acephate	2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
			2004	Dursban™	50 W	32 oz.	24	Not labeled for greenhouse use.*
		Diazinon	2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*
		Malathion	2001	Malathion 8	EC & F	20 fl. oz.	12	Not labeled for greenhouse use.
	Pyrethroid	Bifenthrin	2004	Talstar® Flowable	F	20–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	20–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*
		Fenpropathrin	2002	Tame®	2.4 EC	5 ½–10 ½ fl. oz.	24	May be tank mixed with Orthene. Do not exceed 16 fl. oz./acre/application.*
		Lambda-cyhalothrin	2002	Scimitar®	GC	3–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*
Permethrin	2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.		
Spinosad	Spinosyn A&D	2001	Conserve™	SC	22 fl. oz.	4	Do not apply more than 10 times in a 12 month period per crop or greenhouse. Do not apply more than 3 consecutive applications.*	
Triazine	Cytomazine	2003	Citation®	WP	2.66 oz./A	12	Repeat applications at 7 day intervals. Make no more than 3 applications then switch to Avid for the same period. Make no more than a total of 6 applications of Citation/crop. Also labeled for low volume.*	
Mealybugs	Biological	<i>Beauveria bassiana</i>	2004	BotaniGard® 22 WP	WP	8–32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2004	BotaniGard® ES	ES	16–32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2001	Naturalis® T&O	L	30–100 fl. oz.	4	At least 3–5 applications are necessary. Wait 48 hours before applying fungicides.
	Botanical	Azadirachtin	2004	Ornazin	EC	8–10 fl. oz.	12	Acts as an insect growth regulator. Do not exceed 22.5 oz./acre/application.
			2004	Triact® 70	EC	1–2 gal.	4	*
			2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.
			2004	Preclude® TR	Aerosol	2 oz./1500–3000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Apply as a spray. Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Buprofezin	2004	Tallus	WSP	8 oz.	12	Do not exceed 2 applications/crop/season. Also labeled for low volume use.*
2004			Enstar® II	5 E	5 fl. oz.	4	Also labeled for low volume use. See label for tank mix restrictions.	
2002			Distance®	EC	8–12 fl. oz.	12	Apply as a spray or drench. Apply no more than 2 applications/crop/season.	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 7

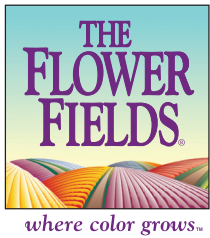
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Mealybugs Continued	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. Check label for tank mix restrictions.*
	Neonicotinoid	Acetamiprid	2004	Tristar 70	WSP	2 packets	24	Do not exceed 5 applications/crop/season or 22 packets. Apply no sooner than 7 day intervals.
		Imidacloprid	2004	Marathon®	1% G	See label.	12	
			60 WP	See label.	12	Apply to soil only.		
		2004	Marathon II®	SC	1.7 fl. oz.	12	Apply coarse droplets as a foliar spray. Do not apply following a soil application in the same crop.	
	Thiamethoxam	2003	Flagship	WG	2–4 oz.	12	Apply at not less than 7 day intervals. Also labeled for broadcast applications. Do not exceed 8 oz./crop/season. Test for phytotoxicity. For use through microirrigation.	
	Organophosphate	Acephate	2001	Address™ T/O	S, WSP	10.5 oz.	24	For use on daisies only. See label for mixing/application details.*
			2003	Orthene® Turf, Tree & Ornamental Spray	WSP	10.5 oz.	24	For use on daisies only.*
			2003	Orthene® Turf, Tree & Ornamental Spray 97	S	8 oz.	24	For use on daisies only.*
			2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
			2004	Dursban™	50 W	16 oz.	24	Not labeled for greenhouse use.*
		Dichlorvos	2004	Fulex DDVP	Fumigator	5.1 oz./10,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
		Malathion	2001	Malathion 5EC	EC	24 fl. oz.	12	Check for phytotoxicity.*
			2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.
		Naled	2001	Dibrom®	8 E	1 fl. oz./10,000 ft. ³	24	Check for phytotoxicity.*
	2001		GH-18	Fog	1 fl. oz./3,000 ft. ³	24	For use on snapdragons only.	
	Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.	
	Organophosphate plus Pyrethroid	Chlorpyrifos plus Cyfluthrin	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb/1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	8–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
			2004	Talstar® Nursery Granular	G	See label.	12	
Cyfluthrin		2004	Decathlon	20 WP	1.9 oz.	12	Also labeled for low volume application.*	
Deltamethrin		2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*	
Fenpropathrin		2002	Tame®	2.4 EC	16 fl. oz.	24	May be tank mixed with Orthene. Do not exceed 16 fl. oz./acre/application.*	
Fluvalinate		2004	Mavrik Aquaflow®	F	5 fl. oz.	12	Labeled as a cutting dip.*	
Lambda-cyhalothrin		2002	Scimitar®	GC	3–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*	
Permethrin		2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.	
Resmethrin	2001	GH-60	Fog	1 fl. oz./1,000 ft. ³	24	For use on snapdragons only.		



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 8

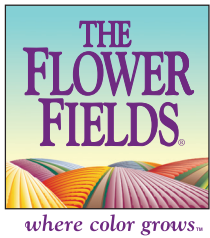
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Scale	Botanical	Azadirachtin	2004	Ornazin	EC	8–10 fl. oz.	12	Acts as an insect growth regulator. Do not exceed 22.5 oz./acre/application.
		Neem Oil	2004	Triact® 70	EC	1–2 gal.	4	*
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.
		Fenoxycarb	2001	Precision™ Accu-Pak	WSP	2–4 oz.	12	Acts as an insect growth regulator. Also labeled for low volume application. Do not exceed 30 applications/year.
			2004	Preclude® TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	Acts as an insect growth regulator.
	Chloronicotynyls	Imidacloprid	2004	Marathon®	1 G	See label.	12	
					60 WP	See label.	12	Apply to soil only.
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Buprofezin	2004	Tallus	WSP	9.6 oz.	12	Do not exceed 2 applications/crop/season. Also labeled for low volume use.*
		Kinoprene	2004	Enstar® II	5 E	5 fl. oz.	4	Also labeled for low volume use. See label for tank mix restrictions.
		Pyriproxyfen	2003	Distance®	EC	8–12 fl. oz.	12	Apply no more than 2 applications/crop or 6 months.*
	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. See label for tank mix restrictions.*
	Organophosphate	Acephate	2003	Orthene® Turf, Tree & Ornamental Spray	WSP	10.5 oz.	24	Labeled for control of scale on other crops. For use on daisies only.*
			2003	Orthene® Turf, Tree & Ornamental Spray 97	S	8 oz.	24	For use on daisies only.*
			2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
			2004	Dursban™	50 W	32 oz.	24	Not labeled for greenhouse use.*
Diazinon		2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*	
Malathion		2001	Malathion 5EC	EC	16–64 fl. oz.	12	Check for phytotoxicity.*	
		2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.	
Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.		



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 9

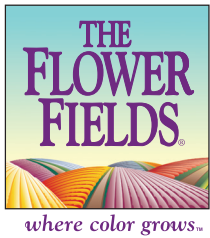
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Scale Continued	Organophosphate plus Pyrethroid	Chlorpyrifos plus Cyfluthrin	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	8–40 fl. oz./A	12	*
			2004	Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Cyfluthrin	2004	Decathlon	20 WP	1.9 oz.	12	Also labeled for low volume application.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	For outdoor plants only.*
Lambda-cyhalothrin	2002	Scimitar®	GC	1.5–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*		
Spider Mites	Biological	<i>Beauveria bassiana</i>	2001	Naturalis® T&O	L	30–100 fl. oz.	4	At least 3–5 applications are necessary. Wait 48 hours before applying fungicides.
	Botanical	Neem Oil	2004	Triact® 70	EC	1–2 gal.	4	*
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	
	Carbamate	Fenoxycarb	2004	Preclude® TR	Aerosol	2 oz./1500–3000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.
		Methiocarb	2002	Mesuroi®	75 W	8–16 oz./acre	24	Apply in 50 gallons of water. Repeat as necessary applying up to 2 applications/season. Apply no sooner than 10 day intervals. Do not apply with oil or foliar fertilizer applications.*
	Carbazate	Bifenazate	2004	Floramite SC	SC	4–8 fl. oz.	12	Apply no more than 2 applications/crop/season. Do not make successive applications.*
	Carboxamide	Hexythiazox	2004	Hexygon	50 DF	1–2 oz.	12	Make only 1 application/crop cycle. Check label for tank mix restrictions.*
	Chlorinated Hydrocarbon	Oxythioquinox	2004	Joust™	4 L	4–8 fl. oz.	24	For outdoor use only. Do not add adjuvants or oils.*
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Inorganic	Sulfur	2003	Microthiol® Dispers™	MW	3–10 lb./acre	24	Injury may be enhanced under high temperatures. Do not use within 2 weeks of an oil spray.
			2003	Microthiol® Special	MW	3–10 lb./acre	24	Injury may be enhanced under high temperatures. Do not use within 2 weeks of an oil spray.
2001			Sulfa	F	32–160 fl. oz.	24	Foliar spray at 5–14 day intervals. For use on daisies, petunias, snapdragons, and verbena only. Not labeled for greenhouse use. Do not use within 2 weeks of an oil application.	
2001			Sulfur 6L	L	48–128 fl. oz.	24	Foliar spray at 5–10 day intervals. Not labeled for greenhouse use. Do not use within 2 weeks of an oil spray or EC.	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 10

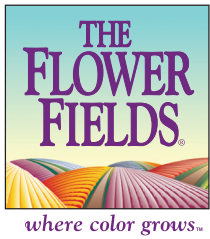
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Spider Mites Continued	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. Check label for tank mix restrictions.*
	Macrocytic Lactone	Abamectin	2003	Avid®	0.15 EC	4 fl. oz.	12	Apply 8–16 fl. oz./acre.*
	Mite Growth Regulator	Etoxazole	2004	Tetrasan 5	WDG	8–16 oz.	12	Do not exceed 2 applications/crop/season. Also labeled for low volume use. Text for phytotoxicity*
	Organophosphate	Acephate	1300 Orthene® TR	2004	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
			Chlorpyrifos	2004	DuraGuard™ ME	F	25–50 fl. oz.	24
		Dursban™	50 W	2004	50 W	16 oz.	24	Not labeled for greenhouse use.*
			Diazinon	2001	Diazinon AG500	ES	16 fl. oz.	12
		Dichlorvos	2004	Fulex DDVP	Fumigator	5.1 oz./10,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
		Malathion	2001	Malathion 5EC	EC	24 fl. oz.	12	Check for phytotoxicity.*
			2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.
		Naled	2001	Dibrom®	8 E	1 fl. oz./10,000 ft. ³	24	Check for phytotoxicity.*
			2001	GH-18	Fog	1 fl. oz./3,000 ft. ³	24	For use on snapdragons only.
		Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.
	2001		Plantfume 103™	Smoke	7 oz./20,000 ft. ³	12–48	For use on impatiens, petunias, portulaca, snapdragons and verbena only. Foliage and blooms must be dry at the time of application.	
	Organophosphate plus Pyrethroid	Chlorphenaphyr plus Cyfluthrin	2004	Pylon	25C	2.6–5.3 oz.	12	Apply no more than twice consecutively or three times per crop/season. Check label for mixing restrictions. Discontinue use prior to blooming. For use on ageratum, impatiens, petunias, snapdragons, and verbena.*
			2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Phenoxy pyrazole	Fenproximate	2004	Akari™ 5SC	SC	16–24 fl. oz.	12	Do not apply more than 10 gal of spray /1000 ft. ² /application. Do not apply more than 48 fl.oz./crop cycle or growing season, whichever is longer.
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	12–40 fl. oz.	12	Also labeled for broad mite control.*
			2004	Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Deltamethrin	2004	DeltaGard® GC	5 SC	4–8 fl. oz.	12	Spider mite suppression only. For outdoor plants only.*
		Fenpropathrin	2004	Tame®	2.4 EC	8–16 fl. oz.	24	May be tank mixed with Orthene. Do not exceed 16 fl. oz./acre/application.*
		Fluvalinate	2004	Mavrik Aquaflow®	F	4–10 fl. oz.	12	Also labeled as a cutting dip at 5 fl. oz./100 gal. and for low volume application.*
Lambda-cyhalothrin	2002	Scimitar®	GC	3–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*		
Pyridazinone	Pyridaben	2001	Sanmite®	75 WP	2–4 oz.	12	Allow at least 2 different chemicals to be used between Sanmite treatments. Do not exceed 10.67 oz./acre/application.*	
Spinosad	Spinosyn A&D	2001	Conserve™	SC	22 fl. oz.	4	Do not apply more than 10 times in a 12 month period per crop or greenhouse. Do not apply more than 3 consecutive applications.*	
Sulfite Ester	Propargite	2004	Ornamite®	WSB	16 oz.	7 days	Labeled for outdoor use only. See label for compatibility issues.*	
Tetrazine	Clofentezine	2001	Ovation™ SC	SC	2 fl. oz.	12	Make only 1 application/crop. Do not exceed 8 fl. oz./acre. Also labeled for low volume application. Ovation SC is magenta in color and may leave a residue.	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 11

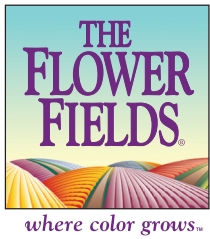
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AI	Active Ingredient	SL	Suspension Liquid
E or EC	Emulsifiable Concentrate	T&O or T/O	Turf & Ornamental
ES	Emulsifiable Solution	W or WP	Wettable Powder
F	Flowable	WDG	Water Dispersible Granules
G	Granular	WSB	Water Soluble Bag
L	Liquid	WSP	Water Soluble Pouch
LC	Liquid Concentrate	*	Do not apply through any type of irrigation system.
ME	Micro-Encapsulated		
MW	Micronized Wettable		
S	Soluble		
SC	Suspension Concentrate		

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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Thrips	Biological	<i>Beauveria bassiana</i>	2004	BotaniGard® 22 WP	WP	16–32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2004	BotaniGard® ES	ES	32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2001	Naturalis® T&O	L	30–100 fl. oz.	12	At least 3–5 applications are necessary. Wait 48 hours before applying fungicides.
	Botanical	Azadirachtin	2004	Azatin® EC	EC	12–16 fl. oz.	12	Acts as an insect growth regulator. Also labeled for low volume use. Do not exceed 21 fl. oz./acre. For use on brachyscome, daisies, impatiens, petunias, portulaca, snapdragons and verbena only.
			2004	Ornazin	SC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.
			2004	Ornazin 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.
		Nicotine	2004	Fulex Nicotine	Fumigator	12 oz./20,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
	Carbamate	Carbaryl	2002	Sevin®	80 WSP	20 oz.	12	Apply up to 6 times/year but not more often than every 7 days. Carbaryl is unstable under highly alkaline conditions. Also available as an SL formulation. Not labeled for greenhouse use. Do not apply to wet foliage or during periods of high humidity.
			2001	Precision™ Accu-Pak	WSP	2–4 oz.	12	Acts as an insect growth regulator. Also labeled for low volume application. Do not exceed 30 applications/year.
				Preclude® TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.
	Methiocarb	2002	Mesuro®	75 W	8–16 oz./acre	24	Apply in 50 gallons of water. Repeat as necessary applying up to 2 applications/season. Apply no sooner than 10 day intervals. Do not apply with oil or foliar fertilizer applications.*	
	Horticultural Oils	Horticultural Oils	2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Kinoprene	2004	Enstar® II	5 E	5 fl. oz.	4	Also labeled for low volume use. See label for tank mix restrictions.
		Novalvron	2004	Pedestal	SC	6–8 fl. oz.	12	Apply no more than 2 applications/crop/season. Do not make successive applications.
	Insecticidal Soap	Insecticidal Soap	2001	M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. Check label for tank mix restrictions.*
	Macrocylic Lactone	Abamectin	2003	Avid®	0.15 EC	8–16 fl. oz./acre	12	Labeled for control of spider mites and leafminers.*
	Neonicotinoid	Acetamiprid	2004	Tristar 70	WSP	3–6 packets	24	Do not exceed 5 applications/crop/season or 22 packets. Apply no sooner than 7 day intervals.
		Imidacloprid	2004	Marathon®	1 G	See label.	12	For thrips suppression.
60 WP				See label.	12	Apply to soil only. For thrips suppression.		
2004	Marathon II®	SC	1.7 fl. oz.	12	Apply coarse droplets as a foliar spray. Do not apply following a soil application in the same crop. Suppression on foliage only. Thrips in buds and flowers will not be suppressed.			



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 12

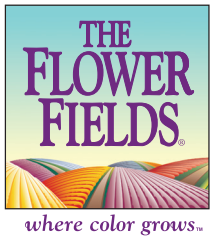
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E or EC	Emulsifiable Concentrate	T&O or T/O	Turf & Ornamental
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F	Flowable	WDG	Water Dispersible Granules
G	Granular	WSB	Water Soluble Bag
L	Liquid	WSP	Water Soluble Pouch
LC	Liquid Concentrate	*	Do not apply through any type of irrigation system.
ME	Micro-Encapsulated		
MW	Micronized Wettable		
S	Soluble		
SC	Suspension Concentrate		

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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Thrips Continued	Organophosphate	Acephate	2001	Address™ T/O	S, WSP	10.5 oz.	24	For use on daisies only. See label for mixing/application details.*
			2003	Orthene® Turf, Tree & Ornamental Spray	WSP	10.5 oz.	24	For use on daisies only.*
			2003	Orthene® Turf, Tree & Ornamental Spray 97	S	8 oz.	24	For use on daisies only.*
			2004	1300 Orthene® TR	Aerosol	6 oz./2,250–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	DuraGuard™	ME	25–50 fl. oz.	24	For use on impatiens, petunias, snapdragons and verbena only. Direct spray to open blooms may cause petal drop.
			2004	Dursban™	50 W	16 oz.	24	Not labeled for greenhouse use.*
		Diazinon	2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*
		Malathion	2001	Malathion 5EC	EC	24 fl. oz.	12	Check for phytotoxicity.
			2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.
		Naled	2001	GH-18	Fog	1 fl. oz./3,000 ft. ³	24	For use on snapdragons only.
	Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.	
	Organophosphate plus Pyrethroid	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24		
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb./1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	12–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Cyfluthrin	2004	Decathlon	20 WP	1.9 oz.	12	Also labeled for low volume application.*
		Fluvalinate	2004	Mavrik Aquaflow®	F	4–10 fl. oz.	12	Also labeled for low volume application.*
		Lambda-cyhalothrin	2002	Scimitar®	GC	1.5–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*
	Permethrin	2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2.0 lb. AI/acre/year. Not for use in nurseries.	
	Spinosad	2001	Conserve™	SC	6 fl. oz.	4	Do not apply more than 10 times in a 12 month period per crop or greenhouse. Do not apply more than 3 consecutive applications.*	



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 13

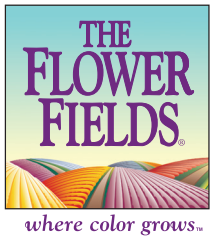
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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Whiteflies	Biological	<i>Beauvaria bassiana</i>	2004	BotaniGard® 22 WP	WP	8–16 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2004	BotaniGard® ES	ES	16–32 oz.	4	Use coarse spray to wet; avoid run-off. Check label for application targets and frequency.*
			2001	Naturalis® T&O	L	30–100 fl. oz.	4	At least 3–5 applications are necessary. Wait 48 hours before applying fungicides.
	Botanical	Azadirachtin	2004	Azatin® EC	EC	10–16 fl. oz.	12	Acts as an insect growth regulator. Do not exceed 21 fl. oz./acre. Also labeled for low volume use. For use on brachyscome, daisies, impatiens, petunias, portulaca, snapdragons and verbena only.
			2004	Ornazin® 3%EC	EC	8–10 fl. oz.	12	Acts as insect growth regulator. Do not exceed 22.5 oz/acre/application.
		Neem Oil	2004	Triact® 70	90 EC	1–2 gal.	4	*
		Nicotine	2004	Fulex Nicotine	Fumigator	12 oz./20,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
		Pyrethrum	2001	Pyrethrum TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	
	Carbamate	Fenoxycarb	2001	Precision™ Accu-Pak	WSP	2–4 oz.	12	Acts as an insect growth regulator. Also labeled for low volume application. Do not exceed 30 applications/year.
			2004	Preclude® TR	Aerosol	2 oz./1,500–3,000 ft. ²	12	Acts as an insect growth regulator. Initially, make 2 applications, 1 week apart. Thereafter, treat weekly as necessary.
	Chlorinated Hydrocarbon	Endosulfan	2004	Thiodan® 3EC	EC	21.3 fl. oz.	24	Do not exceed a maximum of 4 qt./acre/year.*
			2004	Thiodan® 50WP	WP	16 oz.	24	Do not exceed a maximum of 6 lbs./acre/year.*
			2004	Fulex Thiodan®	Smoke	6 oz./10,000 ft. ³	24	Foliage and blooms must be dry at the time of application.
	Horticultural Oils	Horticultural Oils	2004	Joust™	4 L	4–8 fl. oz.	24	For outdoor use only. Do not add adjuvants or oils.*
			2001	Saf-T-Side™	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2001	Target	L	1–2 gal.	4	Check label for tank mix restrictions.*
	Insect Growth Regulator	Buprofezin	2001	Ultra-Fine® Oil	L	1–2 gal.	4	Check label for tank mix restrictions.*
			2004	Tallus	WSP	4 oz.	12	Do not exceed 2 applications/crop/season. Also labeled for low volume use.*
			2004	Diflubenzuron	Adept®	WSB	4–8 oz.	12
		Kinoprene	2004	Dimilin®	SC	2–4 fl. oz.	12	Whitefly suppression.
			2004	Enstar® II	5 E	5 fl. oz.	4	Also labeled for low volume use. See label for tank mix restrictions.
			2004	Pedestal	SC	6–8 fl. oz.	12	Do not make more than 2 applications/crop/season. Do not make successive applications.
	Insecticidal Soap	Insecticidal Soap	2003	Distance®	EC	6–8 fl. oz.	12	Apply no more than 2 applications/crop or 6 months.*
2001			M-Pede®	L	1–2 gal.	12	Do not make more than 3 consecutive applications or repeat at less than 7 day intervals. Test for phytotoxicity. Do not add adjuvants or spray to new transplants or unrooted cuttings. See label for tank mix restrictions.*	
Macrocylic Lactone	Abamectin	2003	Avid®	0.15 EC	8–16 fl. oz./acre	12	Labeled for control of spider mites and leafminers.*	
Neonicotinoid	Acetamiprid	2004	Tristar 70	WSP	2–4 packets	24	Do not exceed 5 applications/crop/season or 22 packets. Apply no sooner than 7 day intervals.	
	Imidacloprid	2004	Marathon®	1% G	See label.	12		
			60 WP	See label.	12	Apply to soil only.		
	2004	Marathon II®	SC	1.7 fl. oz.	12	Apply coarse droplets as a foliar spray. Do not apply following a soil application in the same crop.		
Thiamethoxam	2003	Flagship	WG	2–4 oz.	12	Apply at not less than 7 day intervals. Also labeled for broadcast applications. Do not exceed 8 oz./crop/season. Test for phytotoxicity. For use through microirrigation.		



THE FLOWER FIELDS FEDERAL INSECT AND MITE CONTROL CHART – PAGE 14

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PEST	CLASS	COMMON NAME	LABEL LAST UPDATED	PRODUCT NAME	FORMULA	DOSE/100 GAL.	REI HR.	COMMENTS
Whiteflies Continued	Organophosphate	Acephate	2001	Address™ T/O	S, WSP	10.5 oz.	24	For use on daisies only. See label for mixing/application details.*
			2003	Orthene® Turf, Tree & Ornamental Spray	WSP	10.5 oz.	24	For use on daisies only.*
			2003	Orthene® Turf, Tree & Ornamental Spray 97	S	8 oz.	24	For use on daisies only.*
			2004	1300 Orthene® TR	Aerosol	6 oz./2,550–4,500 ft. ²	24	For use on impatiens, petunias, snapdragons and verbena only.
		Chlorpyrifos	2004	Dursban™	50 W	8–16 oz.	24	Not labeled for greenhouse use.*
		Diazinon	2001	Diazinon AG500	ES	16 fl. oz.	12	For use on petunias only. Not labeled for greenhouse use.*
		Dichlorvos	2004	Fulex DDVP	Fumigator	10.2 oz./ 20,000 ft. ³	4–24	Foliage and blooms must be dry at the time of application.
		Malathion	2001	Malathion 5EC	EC	24 fl. oz.	12	Check for phytotoxicity.*
			2001	Malathion 8	EC & F	16 fl. oz.	12	Not labeled for greenhouse use.
		Naled	2001	Dibrom®	8 E	1 fl. oz./10,000 ft. ³	24	Check for phytotoxicity.*
	2001		GH-18	Fog	1 fl. oz./3,000 ft. ³	24	For use on snapdragons only.	
	Sulfotep	2004	Fulex Dithio	Smoke	7 oz./20,000 ft. ³	12–48	For use on snapdragons only. Foliage and blooms must be dry at the time of application.	
	Organophosphate plus Pyrethroid	Chlorpyrifos plus Cyfluthrin	2004	Duraplex™ TR	Aerosol	2 oz./1,500–3,000 ft. ²	24	
	Pyrethroid	Bifenthrin	2004	Attain® TR	Aerosol	1 lb/1,500–3,000 ft. ²	12	
			2004	Talstar® Flowable	F	8–40 fl. oz.	12	*
			2004	Talstar® Nursery Flowable	F	10–40 fl. oz./A	12	Do not apply more than 0.2 lb. AI/acre/year for outdoor applications. Also labeled for low volume use.*
		Cyfluthrin	2004	Decathlon™	20 WP	1.9 oz.	12	Also labeled for low volume use.*
		Fenpropathrin	2003	Tame®	2.4 EC	5 ½–16 fl. oz.	24	Rate depends on species of whitefly. Also labeled as a tank mix with Orthene. Do not exceed 16 fl. oz./acre/application.*
		Fluvalinate	2004	Mavrik Aquaflow®	F	4–10 fl. oz.	12	Also labeled for low volume use.*
		Lambda-cyhalothrin	2002	Scimitar®	GC	3–5 fl. oz.	24	Supplemental label for greenhouse and nursery use. Apply at 7 day intervals. Do not apply more than 52.4 fl. oz. of concentrate/ acre/year. Do not mix with EC formulations or oils.*
		Permethrin	2004	Astro®	3.2 L	4–8 fl. oz.	12	Do not apply more than 2 lb. AI/acre/year. Not for use in nurseries.
	Resmethrin	2001	GH-60	Fog	1 fl. oz./1,000 ft. ³	24	For use on coleus and snapdragons only.	
	Pyridazinone	Pyridaben	2001	Sanmite®	75 WP	4–6 oz.	12	Rotate with at least 2 other products before another application of Sanmite. Do not exceed 10.67 oz./acre/application.*
Pyridine Azomethine	Pymetrozine	2003	Endeavor	WDG	2.5–5 oz., up to 10 oz./acre	12	Foliar spray at 7–14 day intervals. For outdoor use, do not apply more than 48 oz./acre/year or 100 oz. for indoor use.	