

SUPPLEMENT: APPLE EFFICACY GUIDES

Please note: The following information about product efficacy is pooled from various sources including product labels, efficacy reported in similar regions, and local industry knowledge. The information is correct to the best of our knowledge but we offer no guarantees. The information should be used for guidance only. Consult with industry representatives for more information.



Apple Insecticide Efficacy Guide 2026



Group	Active Ingredient	Pesticide	PCP#	Apple brown bug	Apple maggot	Apple rust mite	Codling moth	Curculio (apple and plum)	European apple sawfly	European red mite	Eyespotted bud moth	Green apple aphid	Leafrollers	Mullein bug	Nematodes	Obliquebanded leafroller	Potato leafhopper
01A	carbaryl	Sevin XLR 43 SC	27876														
01A	oxamyl	Vydate 240 LI	17995			Control				Control			Control			Control	Control
01B	phosmet	Imidan 70 WP	29064		Control		Control	Control								Control	
3	cypermethrin	Up-cyde 2.5 EC	28795	Control				Control						Control		Control	
3	deltamethrin	Decis 100 EC	33700	Control										Control		Control	
4	acetamiprid	Aceta 70 WP	33298	Control	Control		Control	Control	Control			Control		Control		Control	Control
4	acetamiprid	Assail 70 WP	27128	Control	Control		Control	Control	Control			Control		Control		Control	Control
4	thiacloprid	Theme 480 SC	34379		Control		Control	Control						Control			Control
04, 15	acetamiprid and novaluron	Cormoran EC	33353		Control		Control	Control	Control			Control		Control			Control
04C	sulfoxaflor	Closer 240 SC	30826									Control		Control			
04D	flupyradifurone	Sivanto Prime 200 SN	31452									Control					Control
5	spinetoram	Delegate 25 WG	28778		Suppression		Control	Suppression	Control				Control			Control	
5	spinosad	Entrust 80 WG	27825				Suppression						Control			Control	
5	spinosad	GF-120 Fruit Fly Bait SN	28336		Suppression												
6	abamectin	Agri-Mek 8.4 SC	31607							Control							
06, 28	cyantraniliprole + abamectin	Minecto Pro SC	33023				Control		Control	Control			Control				
7	fluopyram	Velum Prime 500 SC	32108													Suppression	
09D	afidopyropen	Sefina 50 EC	33265									Control					
09D	afidopyropen	Versys 100 EC	33266									Control					
11	Bacillus thuringiensis	XenTari 48 WG	31557				Control						Control			Control	
11	bacillus thuringiensis	Bioprotec PLUS SC	32425										Control			Control	
11	Bacillus thuringiensis	Dipel 2X DF	26508										Control			Control	
11	Bacillus thuringiensis	Foray 48BA SC	24978										Control			Control	
15	novaluron	Rimon 10 EC	28515				Control										
18	methoxyfenozide	Intrepid 240 SC	27786				Control						Control			Control	
20B	acequinocyl	Kanemite 15 SC	28641							Control							
20D	bifenazate	Acramite 50 WS	27925							Control							
21	pyridaben	Nexter 75 WP	25135			Control				Control							
21, 39	fenazaquin	Magister 205 SC	34544			Control				Control							

Apple Insecticide Efficacy Guide 2026



Group	Active Ingredient	Pesticide	PCP#	Rosy apple aphid	Scale	Speckled green fruitworm	Tarnished plant bug	Two-spotted spider mite	White apple leafhopper	Winter moth and green pug moth
01A	carbaryl	Sevin XLR 43 SC	27876						Off-target control	
01A	oxamyl	Vydate 240 LI	17995				Control		Control	
01B	phosmet	Imidan 70 WP	29064							
3	cypermethrin	Up-cyde 2.5 EC	28795			Control	Control			Control
3	deltamethrin	Decis 100 EC	33700							Control
4	acetamiprid	Aceta 70 WP	33298	Control					Control	
4	acetamiprid	Assail 70 WP	27128	Control					Control	
4	thiacloprid	Theme 480 SC	34379						Control	
04, 15	acetamiprid and novaluron	Cormoran EC	33353	Control		Control	Control		Control	
04C	sulfoxaflor	Closer 240 SC	30826	Control	Control		Control			
04D	flupyradifurone	Sivanto Prime 200 SN	31452	Control	Control				Control	
5	spinetoram	Delegate 25 WG	28778							
5	spinosad	Entrust 80 WG	27825							
5	spinosad	GF-120 Fruit Fly Bait SN	28336							
6	abamectin	Agri-Mek 8.4 SC	31607					Control		
06, 28	cyantraniliprole + abamectin	Minecto Pro SC	33023					Control		
7	fluopyram	Velum Prime 500 SC	32108							
09D	afidopyropen	Sefina 50 EC	33265	Control						
09D	afidopyropen	Versys 100 EC	33266	Control						
11	Bacillus thuringiensis	XenTari 48 WG	31557							Control
11	bacillus thuringiensis	Bioprotec PLUS SC	32425			Control				Control
11	Bacillus thuringiensis	Dipel 2X DF	26508							Control
11	Bacillus thuringiensis	Foray 48BA SC	24978							
15	novaluron	Rimon 10 EC	28515							
18	methoxyfenozide	Intrepid 240 SC	27786			Off-target control				Control
20B	acequinocyl	Kanemite 15 SC	28641					Control		
20D	bifenazate	Acramite 50 WS	27925					Control		
21	pyridaben	Nexter 75 WP	25135					Control		
21, 39	fenazaquin	Magister 205 SC	34544					Control		

Apple Insecticide Efficacy Guide 2026



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23	spirodiclofen	Envidor 240 SC	28051			Control				Control							
23	spirotetramat	Movento 240 SC	28953									Control					
25	cyflumetofen	Nealta 200 SC	31284							Control							
28	chlorantraniliprole	Altacor MaX 70 WG	34654		Suppression		Control		Control		Control		Control				Control
28	cyantraniliprole	Exirel 100 SC	30895		Control		Control	Control	Control			Suppression	Control				Control
28	cyclaniliprole	Harvanta 50 SL	32889		Suppression		Control	Suppression					Control				Control
28	tetraniliprole	Vayego 200 SC	33711		Suppression		Control	Suppression	Control			Suppression	Control	Suppression			Control
29	flonicamid	Beleaf 50 SG	29796									Suppression					
32	GS-omega/kappa-Hxtx-Hv1a	Spear-LEP 2 SN	34678				Control										Control
M	calcium polysulphide	Lime Sulphur 30 SN	16465			Control											
MO2,UN	sulphur	Microthiol Dispers 80 WP	29487			Control											
NC	canola oil	Vegol Crop Oil 96 EC	32408							Suppression		Suppression					
NC	Cydia pomonella Granulovirus	CYD-X SC	30120				Control										
NC	Cydia pomonella Granulovirus	Virosoft CP4 SC	26533				Control										
NC	kaolin clay	Surround 95 WP	27469		Suppression		Suppression	Suppression	Suppression				Suppression				Suppression
NC	mineral oil	Purespray Green 13 E	27666				Suppression			Suppression		Suppression					
NC	petroleum oil	Superior 70 Oil EC	14981							Control							
NC	potassium salt of fatty acids	Kopa 47 SN	31433							Suppression		Suppression					
NC	potassium salts of fatty acids	Opal 47 SN	28146							Control		Control					

Apple Insecticide Efficacy Guide 2026

Group	Active Ingredient	Pesticide	PCP#	Rosy apple aphid	Scale	Speckled green fruitworm	Tarnished plant bug	Two-spotted spider mite	White apple leafhopper	Winter moth and green pug moth
23	spirodiclofen	Envidor 240 SC	28051					Control		
23	spirotetramat	Movento 240 SC	28953	Control	Control					
25	cyflumetofen	Nealta 200 SC	31284					Control		
28	chlorantraniliprole	Altacor MaX 70 WG	34654			Control				
28	cyantraniliprole	Exirel 100 SC	30895	Suppression		Off-target control			Control	
28	cyclaniliprole	Harvanta 50 SL	32889							
28	tetraniliprole	Vayego 200 SC	33711	Suppression						
29	flonicamid	Beleaf 50 SG	29796	Suppression			Suppression			
32	GS-omega/kappa-Hxtx-Hv1a	Spear-LEP 2 SN	34678							
M	calcium polysulphide	Lime Sulphur 30 SN	16465							
MO2,UN	sulphur	Microthiol Disperss 80 WP	29487							
NC	canola oil	Vegol Crop Oil 96 EC	32408	Suppression	Control					
NC	Cydia pomonella Granulovirus	CYD-X SC	30120							
NC	Cydia pomonella Granulovirus	Virosoft CP4 SC	26533							
NC	kaolin clay	Surround 95 WP	27469				Suppression			
NC	mineral oil	Purespray Green 13 E	27666	Suppression	Suppression					
NC	petroleum oil	Superior 70 Oil EC	14981		Control					
NC	potassium salt of fatty acids	Kopa 47 SN	31433	Suppression				Suppression		
NC	potassium salts of fatty acids	Opal 47 SN	28146	Control						

Apple Fungicide Efficacy Guide 2026



Group	Active Ingredient	Pesticide	PCP#	Apple scab	Black rot	Brooks Spot	Fire blight	Fire blight – overwintering	Flyspeck and sooty blotch	Phytophthora crown and root rot	Powdery mildew
1	thiophanate-methyl	Senator 50 SC	32096	Resistance							Suppression
3	flutriafol	Fullback 125 SC	31679	Resistance							Control
3	mefentrifluconazole	Cevya 400 SC	33405	Leaf scab only					Control		Suppression
3	myclobutanil	Nova 40 WSP	22399	Resistance							Control
03, 07	difenoconazole + benzovindiflupyr	Aprovia Top EC	31526	Group 3 resistance			Control		Control		Control
03, 09	difenoconazole + cyprodinil	Inspire Super EC	30827	Group 3 resistance			Control		Control		Suppression
4	metalaxyl-M and S	Ridomil Gold 480 SL	28474							Control	
7	fluopyram	Velum Prime 500 SC	32108								
7	fluxapyroxad	Sercadis 300 SC	31697	Leaf scab only							Control
7	inpyrfluxam	Excalia 31 SC	33819	Leaf scab only							Control
7	isofetamid	Kenja 400 SC	31758	Leaf scab only							
7	penthiopyrad	Fontelis 200 SC	30331	Control							Control
07, 09	fluopyram + pyrimethanil	Luna Tranquility SC	30510	Leaf scab only							Control
07, 11	boscalid + pyraclostrobin	Pristine WG	27985	Control	Control	Control			Control		Control
07, 11	pyraclostrobin + fluxapyroxad	Merivon SC	33951	Control	Control	Control			Control		Control
9	pyrimethanil	Scala 400 SC	28011	Leaf scab only							
11	Trifloxystrobin	Flint Extra 42.6 SC	34962	Control					Control		Resistance
19	polyoxin d zinc salt	Diplomat 5 SC	32918								Suppression
21, 39	fenazaquin	Magister 205 SC	34544								Control
24	kasugamycin	Kasumin 2L	30591				Control				
25	streptomycin sulfate	Streptomycin 17 WP	10305				Control				
29	fluazinam	Allegro 500F 40 SC	27517	Control	Suppression	Suppression			Suppression		

Apple Fungicide Efficacy Guide 2026



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29	fluazinam	Downforce AG 40 SC	34723	Control	Suppression	Suppression			Suppression		
29	fluazinam	Vantana 500 SU	35050	Control	Suppression	Suppression			Suppression		
50	pyriofenone	Property 300 SC	32534								Control
52	ipflufenquin	Migiwa 20 SC	35443	Control							Control
BM	Aureobasidium pullulans	Blossom Protect WG	30552				Suppression				
BM 01	Swinglea glutinosa	EcoSwing 82 SN	35206	Suppression							
BM02	Bacillus amyloliquefaciens D747	Double Nickel LC SC	31887				Suppression				
BM02	QST 713 strain of dried Bacillus subtilis	Serenade OPTI WP	31666	Suppression			Suppression				Suppression
M	calcium polysulphide	Lime Sulphur 30 SN	16465	Control							
M	sulphur	Cosavet DF Edge 80 WG	31869	Suppression							Suppression
M01	sulphur	Kumulus 80 DF WDG	18836	Suppression							Control
M02	copper octanoate	Cueva 1.8 SN	31825	Control				Suppression			
M02	copper oxychloride	Copper Spray Fungicide 50 WP	19146					Suppression			
M02	sulphur	Microscopic Sulphur 92 WP	873	Suppression							Control
M02,UN	sulphur	Microthiol Disperss 80 WP	29487	Control							Control
M03	mancozeb	Dithane Rainshield 75 WG	20553	Control							
M03	mancozeb	Manzate Max 480 F	33299	Control							
M03	mancozeb	Manzate ProStick 75 DF	28217	Control							
M03	mancozeb	Penncozeb 75 DF Raincoat WG	25397	Control							
M04	captan	Captan 480 SC	34551	Control	Control	Control			Control		
M04	captan	Captan L 482 SC	35343	Control	Control	Control			Control		
M04	captan	Maestro 80 WSP	33488	Control	Control	Control			Control		

Apple Fungicide Efficacy Guide 2026



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M04	captan	Sharda Captan 48 SC	32300	Control	Control	Control			Control		
M04	captan	Supra Captan 80 WSP	33641	Control	Control	Control			Control		
M04	folpet	Follow 80 WDG	34314	Control	Control	Control			Control		
M04	folpet	Folpan 80 WDG	27733	Control	Control	Control			Control		
NC	canola oil	Vegol Crop Oil 96 EC	32408								Suppression
NC	citric acid + lactic acid	Cyclone Plus SN	34762				Suppression				
NC	garlic powder	Buran 15 SN	30601	Suppression			Suppression				Suppression
NC	hydrogen peroxide + peroxyacetic acid	OxiDate 2.0 SN	32907	Partial Suppression	Partial Suppression		Partial Suppression		Suppression		Suppression
NC	mineral oil	Purespray Green 13 E	27666								Suppression
P05	Reynoutria sachalinensis	Regalia Maxx 20 SC	30199						Suppression		Suppression
P06	Bacillus mycoides isolate J	LifeGard 40 WG	32526	Suppression			Suppression		Suppression		Partial Suppression
P07	fosetyl al	Aliette 80 WDG	24458							Control	
P07	mono- and dibasic sodium, potassium, and ammonium phosphites	Phostrol 53.6 LI	30449								
U12	dodine	Syllit 400 FL	28351	Resistance							
U13	flutianil	Gatten 50.7 EC	34297								Control