

POTATO PEST CONTROL

Insect management products	Common name	Chemical group (rotate groups to manage resistance)	Application timing
Actara 240SC	thiamethoxam	thianicotinyl	planting
Actara 240SC	thiamethoxam	thianicotinyl	
Admire 240 F	imidacloprid	chloronicotinyl	planting
Admire 240 F	imidacloprid	chloronicotinyl	
Admire 240 F (also see Seed Piece Treatments)	imidacloprid	chloronicotinyl	seed piece
Alias 240 EC	imidacloprid	chloronicotinyl	planting
Alias 240 EC	imidacloprid	chloronicotinyl	
Alias 240 EC	imidacloprid	chloronicotinyl	seed piece
Assail	acetamiprid	chloronicotinyl	
Clutch 50 WDG	clothianidin	neonicotinoid	planting
Clutch 50 WDG	clothianidin	neonicotinoid	
Coragen	rynaxypyr	anthranilic diamide	
Cygon 480 EC	dimethoate	organophosphate	
Decis 5 EC	deltamethrin	pyrethroid	
Diazinon 500 E	diazinon	organophosphate	
Dibrom EC	naled	organophosphate	
Endosulfan	endosulfuran	chlorinated cyclodiene	
Fulfill 50 WG	pymetrozine	pyridine azomethines	
Fyfanon	malathion		
Grapple	imidacloprid	chloronicotinyl	planting
Grapple	imidacloprid	chloronicotinyl	
Grapple	imidacloprid	chloronicotinyl	seed piece
Imidan	phosmet		
Lagon 480 E	dimethoate	organophosphate	
Lannate	methomyl	carbamate	
Lorsban	chlorpyrifos	organophosphate	
Malathion 500 E	malathion	organophosphate	
Matador 120 EC	cyhalothrin-lambda	pyrethroid	
Monitor 480 EC	methamidophos	organophosphate	
Movento 240 SC	spirotetramat	tetronic/tetramic acid derivatives	prior to economic threshold being reached
Nufos	chlorpyrifos	organophosphate	
Nufos	chlorpyrifos	organophosphate	
Orthene75 SP	acephate	organophosphate	
Perm-up	permethrin	pyrethroid	
Pounce 384 EC	permethrin	pyrethroid	
Pyrinex 480 EC	chlorpyrifos	organophosphate	
Rimon 10 EC	novaluron	benzoylphenyl urea	egg hatch/small larvae
Ripcord 400 EC	cypermethrin	pyrethroid	
Sevin XLR	carbaryl	carbamate	
Silencer 120 EC	cyhalothrin-lambda	pyrethroid	
Success 480 SC	spinosad	spinosyn	egg hatch/small larvae
Thimet 15 G	phorate	organophosphate	planting
Thiodan 4 EC	endosulfuran	chlorinated cyclodiene	
Thionex 400 EC	endosulfuran	chlorinated cyclodiene	
UP-Cyde 2.5EC	cypermethrin		
Vydate L	oxamyl	carbamate	

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Soil/foliar applied	Aerial/ground	Pre-harvest interval days	Re-entry period (hrs)	Days between applications	Max. times per season	INSECTS								NOTES		
						Aphid	Cut-worm, late season	Blister beetle	Colorado potato beetle	European corn borer	Flea beetle	Leaf hopper	Lygus bug (tarnished plant bug)		Wireworm	
S	G		24		1	•			•			•				
F	G	7	24	7	2	•			•			•				
S	G		24		1	•			•		•	•				
F	IF	7	24		2	•			•							
S	G				1	•			•		•	•				
S	G		24		1	•			•		•	•				
F	G	7	24		2	•			•							
S	G				1	•			•		•	•				
F	A/G	7	12		2	•			•							
S	G		12		1				•							
F	A/G	14	12	10	3	•			•			•				
F	A/G	14		5	4				•	•						
F		7				•						•				
F	A/G	1				•			•	•		•	•	•		
F	G	14				•			•		•	•				
F		4							•		•	•				
F	G	1				•			•		•	•	•			
F		14		7	2	•										
F	A/G	3				•			•			•				
S	G		24		1	•			•		•	•				
F	G	7	24		2	•			•							
S	G				1	•			•		•	•				
F	G	7				•			•		•	•				
F		7				•					•	•	•			
F	G	1 to 30		5 to 7		•	•				•	•				
F	G	7	24		1		•		•		•		•			
F	A/G	3				•			•			•				
F	A/G	7	24	7	3 (2 aerial)				•	•	•	•	•			
F	G	14	48	10--14		•			•		•	•	•			
F	G	7	dry	7	rate dependent	•										
F	G	7	24		1		•		•		•		•			
S	G	7	24		1		•									
F	G	21			4	•					•	•	•			
F	A/G	1	12		1		•		•	•	•	•	•			
F	G	1					•		•		•	•	•			
F	G	7					•				•					
F	G	14		10-14 days	2				•	•						
F	A/G	7	dry	10-12	4 (2 aerial)		•		•		•	•	•			
F	A/G	7		7					•	•	•	•				
F	A/G	7	24	7	3 (2 aerial)				•	•	•	•	•			
F	G	7	12	7--10	2				•	•						
S	G	90			1									•		
F	G	1				•			•		•	•	•			
F		1				•			•		•	•	•			
F	A/G	7	12		3				•		•	•	•			
F	G	7	24			•			•		•	•	•			

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Maximum seasonal use rate 249 ml/ha for CPB; pH of water between 5 and 9 for best control
Extended registration until 2012

Re-entry period

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