

The longest Pre Harvest Intervals for standard insecticides(PHI/Days)

Trade Name	Chemical Name	Tree fruits ¹	BRASSICA & LEAFY VEGETABLES ²	Carrot	Corn	CUCURBIT CROPS ³	FRUITING VEGETABLES ⁴	LEGUME VEGETABLES ⁵	Onion	Potato	Pistachio	Wheat and rice	Cotton
Actara, Activa, Actamia, Memory, Thiamex, Renova, Crusier	thiamethoxam	14	30	7	21	30	30	30		14			
Admire Pro, Confidor	imidacloprid	7	21	21		21	7	21		Irish Potato 21 D Sweet Potato 125 D			
Agri-Mek, Cavamectin, SC	abamectin	28				7	7	7		14			
Altacor	chlorantraniliprole	10	Spinach 1 Others 3			1	1	1		7			
Asana, XL, Persana	esfenvalerate	28	Broccoli & Cabbage-3 Other -7	7		3	Tomato 1 D Others 7 D	3		7			
Assail, Tri star, Ekka	acetamiprid	7	7			3	7	7	7	7			3
Avaunt	indoxacarb	28	3	3		3	3	21		7			3
Azaera, Neemazal-NeemArine-NicoNeem	azadirachtin	0	7			4	1			4			

1. Tree fruits: apple, pear, cherry, peach, nectarine, apricot and plum
2. BRASSICA & LEAFY VEGETABLES: Broccoli, Cabbage, Collards, Kale, Mustard, Spinach, and Turnip
3. CUCURBIT CROPS: Cantaloupe, Cucumber, Pumpkin, Squash, and Watermelon
4. FRUITING VEGETABLES: Eggplant, Okra, Pepper, and Tomato
5. LEGUME VEGETABLES: Snap Bean, Lima Bean, Cowpea



Prepared By Fidar Fast Golkhaneh

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Belay, Cloudy	clothianidin	7	21	7		21	21		At planting	21			
Beleaf, Teppeki	flonicamid	21	3			1	1			7			
Bexar	tolfenpyrad		1						7	14			
Centaur WDG, Applaud	buprofezin	14	Spinach 7 Others 1				1				60		3
Closer SC	sulfoxaflor	7	7					7		7			
Confirm 2F, Mimic	tebufenozide		14			14	14				14		
Danitol 2.4EC	fenpropathrin	14	7			7							3
Delegate WG	spinetoram	14	Turnips 3 Others 1			Cucumber 1 D Others 3	1	3		7			
Diazinon	Diazinon	21	Pre plant	3		Pre plant	Pre plant	Pre plant	Pre plant				

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Dimilin	diflubenzuron	14					7				14		
DiPel, DF, BioLap	bacillus thuringiensis	0	0	0	0	0	0	0		0			
Entrust, Success, Tracer, Sponser	spinosad	14	Broccoli & Cabbage-3 Others-14	7			3	3	7				
Esteem 35WP	pyriproxyfen	45	7							3			
Exirel	cyantraniliprole	3	1	1	1	1	1	0	1	7			
Intrepid 2F, Prody	methoxyfenozide	14	1		3	3	1	7					
Lannate LV 2.4L	methomyl	4	Cabbage-1 Broccoli-3 Spinach-7 Others-10				5	1-3	7	6			3
Malathion ULV	malathion	1	2-7			Cucumber 1 D Others 3	1	3		7			
Movento, Ultor, Mavric	spirotetramat	14	Cole Crops 1 Spinach 3				7						

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Proclaim Emamect Ema Claim Empire	emamectin benzoate	14	Cabbage, Broccoli and Spinach-7 days, Others-14				7						
PyGanic 1.4EC, Agrothrin Pyrethrum Aphkiller	pyrethrins	0				1	0						
Rimon 0.83EC	spinosad	14	7		7	3	1	1		14			
Surround CF, Sepidan	kaolin	0		4 Hours									
Vydate 2L	oxamyl	14		14			7						
Warrior II, Half lambda, Karate zeon, Jupiter, Jayam plus	lambda -cyhalothrin	14	3			1	5	7	14	7		35	
Starkle	dinotefuran					Cucamber1 others 7	1			7			
Sivanto	flupyradifurone		21	7		21	45	7		7			
COLT, RYCAR, PQZ, MATOI	pyrifluquinazon		1				7			14			

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Talster	bifenthrin		7	21	18	3	9	9	21	21			
Flometoquin	afidopyropen		0			0	0						
Cekuthoate, Chimigor 40, Cygon 400	dimethoate		Broccoli 7 Others 14			3	7	0		0			
Endeavor	pymetrozine		7				0			14			
Rubi100, Triton, Alphamine	alpha cypermethrin		1				4	5	7				
Pounce	permethrin		1			0	3	1	3	14			
Baythroid, Baygon aerosol	cyfluthrin		0	0	2	0	7			0			
Thrion, Superprimor	ethofenprox						14						
Oberon	spiromesifen					3	3	3		7			

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Envidor	spridiclofen	7					7	7					
Lancer, Tidephate	acephate						7	5	4				
Sympleo	pyridalyl						1	14					3
Biscaya	thiaclopride						14						14
Larvin Cease fire	thiodicarb		14										21
Eviscet	thioyclam hydrogen oxalate		3				3					30	
imia delta, Decis100, Gita deltamethrine, Delros	delta methrine	21	3		14	21	1		1	3	21		21
Trigard, Cirogard	cyromazine					3-14	3-14						
Takumi	flubendiamdide						1						

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Gracia	fluxametamide		3-7			3-7	3-7						
Agenda, Letka, Vigor PS, Suliter	fipronile	0	0							90			
Matrik	chormafenoziide						1						
Foska	chlorpyrifos	0						Pre plant	60	125			
Atabron	clorofluazeronine		7					10					
Mycotal	lecanicillium muscarium		1				1						
Match, Flag low	lufenuron	28								60			
Rui agro	matrine		1							3			
Consult	hexaflumuron									29			

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Imunit	alpha syprome-thrine+teflubenzuron	1-7	1-7			1-7	4						
Indomect	emamectin benzoate+indoxacarb	12	3	3									14
Proteus	thiacloprid +delta methrine			3		3	3		3				
Afforia, Tiathrine, Havitzera	thiamethoxam+ lambda-cyhalothrin					7		5		14	0		
Pilarclothrine	clothianidin+ lambda-cyhalothrin			14				7					21
Lufox	lufenuron +fenoxycarb										21		
Proclaim fit UV	lufenuron +emamectin		5										

References:

- UGA Extension Special Bulletin 28 / Georgia Pest Management Handbook—2020 Commercial Edition
- US, EPA, Pesticide product label
- Publication 838 Vegetable Crop Protection Guide 2021

Remarks:

These information have been written based on the above references, So the authors will not effort any responsibility of possible consequences of using these information.

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