

## FIELD CROP INSECTICIDE PRODUCTS - QUICK REFERENCE CHARTS

The following charts are for use as a quick reference to locate possible insecticides available for use against insect pests in field crops. For complete information, restrictions, and precautions, **ALWAYS READ THE PRODUCT LABEL. Crops are listed alphabetically.**

### BARLEY

Insecticide -Barley	Aphids	Armyworm	Barley Thrips	Wireworm	Grasshopper	Cereal Leaf Beetle
<b>beta-cyfluthrin</b> - Baythroid XL	●	●			●	●
<b>diflubenzuron</b> - Dimilin					●	●
<b>dimethoate</b> - Digon 400, Dimethoate 400					●	
<b>disulfoton</b> - Di-syston	●					
<b>fenpropathrin</b> - Danitol (pending 2008)	●		●			●
<b>imidacloprid</b> - Attendant AW	●			●	●	
<b>imidacloprid</b> - Dyna-Shield Imidacloprid 5 (ST)	●			●	●	
<b>imidacloprid</b> - Enhance AW (seed treatment)	●			●		
<b>imidacloprid</b> - Senator 600 (seed treatment)	●			●	●	
<b>lambda-cyhalothrin</b> - Kaiso 24WG	●	●			●	●
<b>lambda-cyhalothrin</b> - Warrior II	●	●			●	●
<b>lambda-cyhalothrin</b> - Grizzly Z	●	●			●	●
<b>malathion</b> - Malathion 57EC	●	●			●	●
<b>malathion</b> - Malathion ULV					●	●
<b>methomyl</b> - Lannate LV	●	●				●
<b>methyl parathion</b> - Penncap-M	●	●			●	
<b>methyl parathion</b>	●	●				
<b>spinosad</b> - Success		●				●
<b>spinetoram</b> - Radiant SC		●			●	●

### BEANS, DRY

Insecticide - Dry Beans	Leafhoppers	Aphids	Armyworms	Bean Leaf Beetle	Cutworms	Green Cloverworm	Grasshopper	Seed Corn Maggot	Wireworm
<b>acephate</b> - Acephate E 75 WP, Orthene 75S, Orthene 97, Address 75S	●	●	●	●	●	●	●		
<b>Bacillus thuringiensis</b> - DiPel DF			●			●			
<b>beta-cyfluthrin</b> - Baythroid XL	●	●	●	●	●	●	●		
<b>bifenthrin</b> - Capture LFR (liquid fertilizer ready)								●	
<b>bifenthrin</b> - Capture 2 EC, Fanfare 2 EC	●	●	●	●	●	●	●		
<b>carbaryl</b> - Sevin			●	●	●		●		
<b>chlorpyrifos</b> - Lorsban 30 F, Lorsban 50-SL								●	
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	●	●	●	●		
<b>dimethoate</b> - Digon 400, Dimethoate 400	●	●							

	Leafhoppers	Aphids	Armyworms	Bean Leaf Beetle	Cutworms	Green Cloverworm	Grasshopper	Seed Corn Maggot	Wireworm
<b>Insecticide - Dry Beans</b>									
<b>disulfoton</b> - Di-Syston G	●	●							
<b>esfenvalerate</b> - Asana XL, Adjourn	●	●			●	●	●		
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	●	●	●	●		
<b>imidacloprid</b> - Attendant 600, Senator 600 ( <i>seed treatment</i> )		●		●					●
<b>imidacloprid</b> - Enhance AW ( <i>seed treatment</i> )		●		●					●
<b>imidacloprid</b> - Admire Pro	●	●							
<b>imidacloprid</b> - MANA Alias 4F	●	●							
<b>imidacloprid</b> - Nuprid	●	●							
<b>lambda-cyhalothrin</b> - Kaiso 24 WG, Lambda - Cy, Silencer, Grizzly Z, Warrior II	●	●	●	●	●	●	●		
<b>malathion</b> - Malathion ULV						●			
<b>malathion</b> - Malathion 57EC	●	●							
<b>methomyl</b> - Lannate LV	●	●			●	●			
<b>methyl parathion</b> - PennCap-M	●	●				●			
<b>spinetoram</b> - Radiant SC			●			●			
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC, Respect	●	●	●	●	●	●	●		

### CANOLA (RAPESEED)

	Flea Beetles	Diamondback Moth	Bertha Armyworms	Wireworms
<b>Insecticide - Canola</b>				
<b>Bacillus thuringiensis</b> - DiPel DF			●	
<b>bifenthrin</b> - Capture 2 EC, Bifenture EC-CA, Brigade 2EC, Fanfare 2 EC, Sniper, Tundra EC	●	●	●	
<b>clothianidin</b> - Poncho, Prosper, NipsIT Inside ( <i>seed treatment</i> )	●			●
<b>deltamethrin</b> - Delta Gold	●	●	●	
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	
<b>imidacloprid</b> - Attendant 600, Dyna-Shield Imidacloprid 5, Senator 600 ( <i>seed treatment</i> )	●			●
<b>imidacloprid</b> - Gaucho ( <i>seed treatment</i> )	●			●
<b>lambda-cyhalothrin</b> - Kaiso 24 WG, Grizzly Z, Lambda-Cy, Warrior II, Silencer	●	●	●	
<b>methyl parathion</b>	●	●	●	
<b>thiamethoxam</b> - Helix, Helix Xtra ( <i>seed treatment</i> )	●			●
<b>zeta-cypermethrin</b> - Mustang Max EC	●	●	●	

### CARROTS

	Aster Leafhopper	Wireworms
<b>Insecticide - Carrots</b>		
<b>beta-cyfluthrin</b> - Baythroid XL	●	
<b>carbaryl</b> - Sevin	●	
<b>esfenvalerate</b> - Asana XL	●	
<b>imidacloprid</b> - Nuprid 2F / 1.6F	●	

Insecticide - Carrots	Aster Leafhopper	Wireworms
imidacloprid - Dyna-Shield Imidacloprid 5 (ST)		●
imidacloprid - Senator 600 (seed treatment)		●
imidacloprid - Admire Pro	●	●
malathion - Malathion 57 EC	●	
methomyl - Lannate LV	●	

### CHICKPEA / GARBANZO BEAN

Insecticide - Chickpea / Garbanzo bean	Pea Aphid	Lygus Bug	Grasshopper	Cutworms	Armyworm	Wireworm
beta-cyfluthrin - Baythroid XL	●	●	●	●	●	
bifenthrin - Fanfare 2 EC	●	●	●	●	●	
cyfluthrin - Tombstone, Tombstone Helios	●	●	●	●	●	
dimethoate - Digon, Dimethoate	●					
esfenvalerate - Asana XL, Silencer	●		●	●		
gamma-cyhalothrin - Proaxis	●	●	●	●	●	
imidacloprid - Nuprid	●	●				
imidacloprid - Attendant 600, Senator 600 (seed treatment)	●					●
imidacloprid - Enhance AW (seed treatment)	●					●
imidacloprid - Admire Pro	●	●				
lambda-cyhalothrin - Grizzly Z, Lambda-Cy, Warrior II, Silencer, Kaiso 24WG	●	●	●	●	●	
methomyl - Lannate LV				●		
spinosad - Success					●	
spinetoram - Radiant SC					●	
zeta-cypermethrin - Mustang Max, Mustang Max EC, Respect	●	●	●	●	●	

### CORN

Insecticide - Corn	Aphids	Armyworm	Cutworm	Corn Rootworm Larvae	Corn Rootworm Adults	Wireworm	European Corn Borer	White Grubs	Grasshopper
<i>Bacillus thuringiensis</i> - DiPel DF		●							
<i>Bacillus thuringiensis</i>							●		
beta-cyfluthrin - Baythroid XL		●	●		●		●	●	●
bifenthrin + zeta-cypermethrin - Hero	●	●	●		●		●		●
bifenthrin - Capture LFR (liquid fertilizer ready)		●	●	●		●		●	
bifenthrin - Capture 2 EC, Fanfare 2 EC, Bifenture EC-CA, Sniper, Tundra EC	●	●	●	●	●	●	●	●	●
carbaryl - Sevin		●			●		●		●
carbaryl - Sevin 5% bait			●						
chlorethoxyfos - Fortress 2.5 G and 5 G				●		●		●	

	Aphids	Armyworm	Cutworm	Corn Rootworm Larvae	Corn Rootworm Adults	Wireworm	European Corn Borer	White Grubs	Grasshopper
<b>Insecticide - Corn</b>									
<b>chlorpyrifos + gamma-cyhalothrin - Cobalt</b>	●	●	●	●	●	●	●	●	●
<b>chlorpyrifos - Lorsban 4E</b>	●	●	●	●	●	●	●		●
<b>chlorpyrifos - Lorsban Advanced</b>	●	●	●	●	●	●	●		●
<b>chlorpyrifos - Warhawk</b>	●	●	●	●	●	●	●	●	●
<b>chlorpyrifos - Lorsban 4E</b>	●	●	●	●	●	●	●	●	●
<b>chlorpyrifos - Lorsban 15 G</b>				●		●	●	●	
<b>chlorpyrifos - Yuma 4E</b>	●	●	●	●	●	●	●	●	●
<b>cyfluthrin - Tombstone, Tombstone Helios</b>		●	●		●		●		●
<b>cyfluthrin + tebufenpyrad - Aztec 2.1 G</b>				●		●		●	
<b>deltamethrin - Delta Gold</b>	●	●	●		●		●		●
<b>dimethoate - Digon 400, Dimethoate 400</b>	●				●				●
<b>disulfoton - Di-Syston</b>	●								
<b>esfenvalerate - Asana XL, Adjourn</b>		●	●		●		●		●
<b>ethoprop - Mocap 10 G</b>						●			
<b>fibronil - Regent 4 SC</b>				●		●		●	
<b>fibronil - Regent TS</b>						●		●	
<b>gamma-cyhalothrin - Proaxis</b>		●	●		●		●		●
<b>imidacloprid - Attendant 600, Dyna-Shield Imidacloprid 5 , Senator 600 (seed treatment)</b>	●			●		●			●
<b>imidacloprid - Latitude (seed treatment)</b>						●			
<b>lambda-cyhalothrin - Lambda-Cy, Kaiso 24 WG, Warrior II</b>	●	●	●	●	●	●	●	●	●
<b>lambda-cyhalothrin - Grizzly Z, Silencer</b>	●	●	●		●		●		●
<b>methomyl - Lannate LV</b>	●	●							
<b>methoxyfenazide - Intrepid (IGR)</b>		●					●		
<b>methyl parathion - Methyl parathion 8EC</b>	●	●							●
<b>methyl parathion - PennCap-M</b>	●	●			●		●		●
<b>permethrin - Ambush 2E, Pounce 3.2E &amp; 1.5G, Arctic, Perm-Up</b>		●	●		●	●	●		
<b>phorate - Phorate 15 G</b>				●					
<b>phorate - Phorate 20G</b>							●		
<b>phorate - Thimet 20 G</b>				●		●			
<b>spinosad - Success</b>		●					●		
<b>spinosad - Tracer</b>		●					●		
<b>spinetoram - Radiant SC</b>		●					●		
<b>tefluthrin - Force 1.5 G, Force 3 G, Force CS</b>			●	●		●		●	
<b>thiamethoxam - Counter 15 G</b>				●		●		●	
<b>zeta-cypermethrin - Mustang Max, Mustang Max EC, Respect</b>	●	●	●		●		●		●

## FIELD PEA

Insecticide - Field pea	Pea Aphid	Lygus Bug	Grasshopper	Wireworm
<b>beta-cyfluthrin</b> - Baythroid XL	●	●	●	
<b>bifenthrin</b> - Fanfare 2 EC	●	●	●	
<b>carbaryl</b> - Sevin	●	●	●	
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	
<b>dimethoate</b> - Digon, Dimethoate	●			
<b>esfenvalerate</b> - Asana XL	●	●	●	
<b>esfenvalerate</b> - Adjourn	●		●	
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	
<b>imidacloprid</b> - Nuprid	●	●		
<b>imidacloprid</b> - Mana Alias 4F ( <i>foliar and seed treatment</i> )	●			
<b>imidacloprid</b> - Attendant 600, Senator 600 ( <i>seed treatment</i> )	●			●
<b>imidacloprid</b> - Enhance AW ( <i>seed treatment</i> )	●			●
<b>imidacloprid</b> - Admire Pro	●	●		
<b>lamba-cyhalothrin</b> - Kaiso 24 WG, Grizzly Z, Lambda-Cy, Warrior II, Silencer	●	●	●	
<b>methomyl</b> - Lannate LV	●	●	●	
<b>spinosad</b> - Success				
<b>spinetoram</b> - Radiant SC				
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC, Respect	●	●	●	

## FLAX

Insecticide - Flax	Amy Cutworm	Aster Leafhopper	Bertha Armyworm	Cutworm	Grasshopper	Wireworms
<b>carbaryl</b> - Sevin	●	●	●	●	●	
<b>imidacloprid</b> - Gaucho ( <i>seed treatment</i> )						●
<b>imidacloprid</b> - Dyna-Shield Imidacloprid 5 ( <i>seed treatment</i> )						●
<b>imidacloprid</b> - Senator 600 ( <i>seed treatment</i> )						●
<b>thiamethoxam</b> - Cruiser ( <i>seed treatment</i> )						●
<b>zeta-cypermethrin</b> - Mustang Max EC	●			●	●	

## FORAGE CROPS - ALALFA

Insecticide - Alfalfa	Alfalfa Weevil	Alfalfa Blotch Leafminer	Pea Aphid	Leafhopper	Cutworm	Grasshopper Forage	Grasshopper Pasture	Lygus or Plant Bugs
<b>acephate</b> - Acephate E 75 WP, Acephate 75%, Acephate 97 UP, Orthene, Address 75S							●	
<b>beta-cyfluthrin</b> - Baythroid XL	●	●	●	●	●	●		●

	Alfalfa Weevil	Alfalfa Blotch Leafminer	Pea Aphid	Leafhopper	Cutworm	Grasshopper Forage	Grasshopper Pasture	Lygus or Plant Bugs
<b>Insecticide - Alfalfa</b>								
<b>bifenthrin</b> - Capture 2EC								●
<b>carbaryl</b> - Sevin	●		●	●	●	●	●	
<b>chlorpyrifos</b> - Lorsban 4E, Lorsban Advanced	●	●	●	●	●	●		●
<b>chlorpyrifos</b> - Chlorpyrifos 4E AG, Warhawk, Yuma 4E (alfalfa only)	●	●	●	●	●	●		
<b>chlorpyrifos + gamma-cyhalothrin</b> - Cobalt	●	●	●	●	●	●		●
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	●	●	●		●
<b>dimethoate</b> - Digon 400, Dimethoate 400			●	●		●		●
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	●	●	●		●
<b>indoxacarb</b> - Steward EC	●			●				
<b>lambda-cyhalothrin</b> - Kaiso 24 WG, Lambda-Cy, Warrior II, Silencer, Grizzly Z (alfalfa only)	●	●	●	●	●	●		●
<b>malathion</b> - Malathion ULV 95% Tech.							●	
<b>malathion</b> - Malathion 57EC	●		●	●		●	●	●
<b>malathion</b> - Malathion ULV						●		
<b>methomyl</b> - Lannate LV	●	●	●	●	●			●
<b>methoxychlor</b> - Methoxychlor 2EC	●							
<b>methyl parathion</b>						●		
<b>methyl parathion</b> - Penncap-M	●	●	●	●		●	●	
<b>permethrin</b> - Ambush, Pounce, Arctic, Perm-Up	●		●	●	●			●
<b>phosmet</b> - Imidan 50 WP	●		●					
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC, Respect	●		●	●	●	●		●

## LENTIL

	Pea Aphid	Lygus Bug	Grasshopper	Wireworm
<b>Insecticide - Lentil</b>				
<b>beta-cyfluthrin</b> - Baytrhoid XL	●	●	●	
<b>bifenthrin</b> - Fanfare 2 EC	●	●	●	
<b>carbaryl</b> - Sevin		●	●	
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	
<b>dimethoate</b> - Digon, Dimethoate	●			
<b>esfenvalerate</b> - Adjourn	●		●	
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	
<b>imidacloprid</b> - Nuprid	●	●		
<b>imidacloprid</b> - Mana Alias 4F ( <i>foliar and seed treatment</i> )	●			
<b>imidacloprid</b> - Attendant 600, Senator 600 ( <i>seed treatment</i> )	●			●
<b>imidacloprid</b> - Enhance AW ( <i>seed treatment</i> )	●			●
<b>imidacloprid</b> - Admire Pro	●	●		
<b>lambda-cyhalothrin</b> - Grizzly Z, Warrior II, Silencer, Kaiso 24WG	●	●	●	
<b>malathion</b>	●			

Insecticide - Lentil	Pea Aphid	Lygus Bug	Grasshopper	Wireworm
<b>methomyl</b> - Asana XL	●	●	●	
<b>spinosad</b> - Success				
<b>spinetoram</b> - Radiant SC				
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC, Respect	●	●	●	

## LUPINE

Insecticide - Lupine	Pea Aphid	Blister Beetle	Grasshopper	Wireworms	Cutworms
<b>beta-cyfluthrin</b> - Baythroid XL	●	●	●		●
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●		●
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●		●
<b>lambda-cyhalothrin</b> - Grizzly Z, Warrior II, Lambda-Cy, Silencer	●	●	●		●
<b>imidacloprid</b> - Attendant 600, Senator 600 ( <i>seed treatment</i> )	●			●	
<b>imidacloprid</b> - Enhance AW ( <i>seed treatment</i> )	●			●	
<b>spinosad</b> - Success					
<b>spinetoram</b> - Radiant SC					
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC	●	●	●		●

## MUSTARD

Insecticide - Mustard	Flea Beetles	Wireworms
<b>imidacloprid</b> - Attendant 600, Senator 600 ( <i>seed treatment</i> )	●	●
<b>imidacloprid</b> - Gaucho 600 ( <i>seed treatment</i> )	●	●
<b>zeta-cypermethrin</b> - Mustang Max EC	●	

## OATS

Insecticide - Oats	Aphids	Armyworms	Wireworms	Grasshoppers	Cereal Leaf Beetle
<b>beta-cyfluthrin</b> - Baythroid XL	●	●		●	●
<b>dimethoate</b> - Digon 400, Dimethoate 400				●	
<b>diflubenzuron</b> - Dimilin				●	●
<b>imidacloprid</b> - Attendant 600 ( <i>seed treatment</i> )	●		●	●	
<b>imidacloprid</b> - Enhance AW ( <i>seed treatment</i> )	●		●		
<b>imidacloprid</b> - Senator 600 ( <i>seed treatment</i> )	●		●	●	
<b>lambda-cyhalothrin</b> - Kaiso 24WG, Warrior II	●	●		●	●
<b>methomyl</b> - Lannate LV	●	●			●
<b>malathion</b> - Malathion 57EC	●	●		●	●
<b>malathion</b> - Malathion ULV				●	●
<b>methyl parathion</b>	●	●		●	
<b>methyl parathion</b> - PennCap-M	●	●		●	
<b>spinosad</b> - Success		●			●
<b>spinetoram</b> - Radiant SC		●		●	●

## POTATO

Insecticide - Potato	Aphids	Colorado Potato Beetle	Flea Beetle	Potato Leafhopper	Cabbage Looper	Potato Insect Complex	White Grub	Wireworm
<b>abamectin</b> - Abamectin E-AG, Epi-Mek 0.15 EC, Temprano		●						
<b>acetamiprid</b> - Assail 30SG, Assail 70WP	●	●	●	●				
<b>azinphos-methyl</b> - Guthion 3 F		●	●	●				
<b>beta-cyfluthrin</b> - Baytrhoid XL	●	●	●	●	●			
<b>bifenthrin</b> - Bifenture EC, Brigade 2EC, Capture LFR, Fanfare 2EC, Sniper			●				●	●
<b>bifenthrin + zeta-cypermethrin</b> - Hero (2008)	●	●	●	●	●			
<b>bifenthrin + imidacloprid</b> - Brigadier	●	●	●	●				
<b>carbaryl</b> - Sevin		●	●	●				
<b>chlorantraniliprole</b> - Coragen		●			●			
<b>chlorethoxyfos</b> - Fulfill	●							
<b>clothianidin</b> - Belay 2.13SC	●	●	●	●		●		●
<b>cryolite</b> - Kryocide		●						
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	●	●			
<b>delatmethrin + others</b> - Decis	●	●	●	●	●			
<b>dimethoate</b> - digon 400, Dimethoate 400, ...	●		●	●				
<b>dinotefuran</b> - Venom 70 SG	●	●	●	●		●		
<b>disulfoton</b> - Di-Syston 15G						●		
<b>esfenvalerate</b> - Asana XL, Adjourn	●	●	●	●	●			
<b>fipronil</b> - Regent 4 SC								●
<b>flonicamid</b> - Beleaf	●							
<b>imidacloprid</b> - Admire Pro	●	●	●	●				●
<b>imidacloprid</b> - Mana Alias 4F ( <i>foliar</i> )	●	●	●	●				
<b>imidacloprid</b> - Mana Alias 4F ( <i>seed treatment</i> )	●	●	●	●				●
<b>imidacloprid</b> - Genesis								●
<b>imidacloprid</b> - Nuprid 1.6F	●	●	●	●				
<b>imidacloprid</b> - Nuprid 2F	●	●	●	●				●
<b>imidacloprid</b> - Provado 1.6F	●	●	●	●				
<b>imidacloprid + cyfluthrin</b> - Leverage	●	●	●	●	●			
<b>indoxacarb</b> - Avaunt		●			●			
<b>lambda-cyhalothrin</b> - Kaiso 24WG, Warrior II	●	●	●	●	●			
<b>lambda-cyhalothrin + chlorantraniliprole</b> - Voliam Xpress	●	●	●	●	●			
<b>lambda-cyhalothrin + thiamethoxam</b> - Endigo ZC	●	●	●	●	●			
<b>methamidophos</b> - Monitor	●	●			●			
<b>methomyl</b> - Lannate LV	●							
<b>methyl parathion</b> - Penncap-M		●	●	●				
<b>novaluron</b> - Rimon 0.83 EC		●			●			
<b>oxamyl</b> - Vydate L	●	●	●	●				
<b>permethrin</b> - Ambush, Pounce, Arctic, Perm-Up		●	●	●	●			
<b>phorate</b> - Thimet 20 G or Phorate 20 G	●	●	●	●		●		

Insecticide - Potato	Aphids	Colorado Potato Beetle	Flea Beetle	Potato Leafhopper	Cabbage Looper	Potato Insect Complex	White Grub	Wireworm
phosmet - Imidan 50 WP		●	●	●				
spinosad - Success		●			●			
spinetoram - Radiant SC		●			●			
spirotetramat - Movento	●							
thiamethoxam - Actara	●	●		●				
thiamethoxam - Platinum, Platinum Ridomil	●	●	●	●				
thiamethoxam + chlorantraniliprole - Voliam Flexi	●	●	●	●	●			
zeta-cypermethrin - Mustang Max EC, Respect	●	●	●	●	●	●		

### SAFFLOWER

Insecticide - Safflower	Cutworms	Wireworms
imidacloprid - Gaucho (seed treatment)		●
imidacloprid - Dyna-Shield Imidacloprid 5 (seed treatment)		●
imidacloprid - Senator 600 (seed treatment)		●
thiamethoxam - Cruiser 5FS (seed treatment)		●
zeta-cypermethrin - Mustang Max EC	●	

### SORGHUM (SMALL GRAIN)

Insecticide -Sorghum	Aphids	Armyworms	Cutworms	Grasshoppers
chlorpyrifos - Lorsban 4E	●	●		●
chlorpyrifos - Yuma 4E	●	●	●	●
dimethoate - Digon 400, Dimethoate 400	●			
disulfoton - Di-syston	●			
gamma-cyhalothrin - Proaxis		●	●	●
lambda-cyhalothrin - Grizzly Z, Warrior II		●	●	●
spinetoram - Radiant SC		●		●
zeta-cypermethrin - Mustang max		●	●	●

### SOYBEAN INSECTS

Insecticide - Soybean	Armyworm	Cutworm	Caterpillars	Grasshopper	Bean Leaf Beetle	Potato Leafhopper	Soybean Aphid	Seedcorn Maggot	Spider Mites	Wireworm
acephate - Orthene 97 Pellets	●		●	●	●	●	●			
<i>Bacillus thuringiensis</i> - DiPel DF	●		●							
beta-cyfluthrin - Baythroid XL	●	●	●	●	●	●	●			
bifenthrin + zeta-cypermethrin - Hero	●	●	●	●	●	●	●		●	
carbaryl - Sevin	●	●	●	●	●	●				
chlorpyrifos - Lorsban 4E	●	●	●	●	●		●		●	
chlorpyrifos - Lorsban Advanced	●	●	●	●	●	●	●		●	
chlorpyrifos - Chlorpyrifos 4E AG	●	●	●	●	●					
chlorpyrifos - Yuma 4E	●	●	●	●	●		●		●	
chlorpyrifos + gamma-cyhalothrin - Cobalt	●	●	●	●	●	●	●			

	Armyworm	Cutworm	Caterpillars	Grasshopper	Bean Leaf Beetle	Potato Leafhopper	Soybean Aphid	Seedcorn Maggot	Spider Mites	Wireworm
<b>Insecticide - Soybean</b>										
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	●	●	●	●			
<b>deltamethrin</b> - Delta Gold	●	●	●	●	●	●	●			
<b>diflubenzuron</b> - Dimilin	●		●	●						
<b>dimethoate</b> - Digon 400, Dimethoate 400				●	●	●			●	
<b>esfenvalerate</b> - Asana XL, Adjourn		●	●	●	●	●	●			
<b>gamma-cyhalothrin</b> - Proaxis	●	●	●	●	●	●	●			
<b>imidacloprid</b> - Gaucho (seed treatment)					●			●		●
<b>imidacloprid + cyfluthrin</b> - Leverage			●	●	●	●	●			
<b>imidacloprid</b> - Attendant 600, Dyna-Shield Imidacloprid 5, Senator 600 (seed treatment)					●		●	●		
<b>imidacloprid</b> - Enhance AW (seed treatment)					●		●	●		●
<b>imidacloprid</b> - Latitude (seed treatment)					●		●	●		
<b>imidacloprid</b> - MANA Alias 4F					●	●	●			
<b>imidacloprid</b> - Nuprid 1.6 F					●	●	●			
<b>indoxacarb</b> - Steward EC	●		●							
<b>lambda-cyhalothrin</b> - Lambda-Cy EC	●	●	●	●	●	●	●		●	
<b>lambda-cyhalothrin</b> - Kaiso 24 WG, Lambda-Cy EC, Grizzly Z, Silencer, Warrior II	●	●	●	●	●	●	●		●	
<b>lambda-cyhalothrin + thiamethoxam</b> - Endigo ZC	●	●	●	●	●	●	●			
<b>methomyl</b> - Lannate LV			●		●		●			
<b>methoxyfenozide</b> - Intrepid (IGR)	●		●							
<b>methyl parathion</b> - PennCap-M			●	●	●	●	●			
<b>permethrin</b> - Assault 25, Kernel Guard Supreme								●		
<b>permethrin</b> - Pounce 3.2 EC, Ambush, Perm-Up		●	●		●	●				
<b>spinetoram</b> - Radiant SC	●		●							
<b>spinosad</b> - Tracer	●		●							
<b>thiamethoxam</b> - Cruiser 5 FS (seed treatment)								●		●
<b>thiodicarb</b> - Larvin brand 3.2	●	●	●		●					
<b>zeta-cypermethrin</b> - Mustang Max, Mustang Max EC, Respect	●	●	●	●	●	●	●			

\* Leaf Feeding Caterpillars include Green Cloverworm, Cabbage Looper, Velvetbean Caterpillar and Thistle Caterpillar.

## SUGARBEET INSECTS

	Sugarbeet Root Maggot	Beet Webworm	Wireworm	Cutworm	Flea Beetles	Garden Springtail	Grasshopper	Plant (Lygus) Bugs
<b>Insecticide - Sugarbeet</b>								
<b>aldicarb</b> - Temik 15G	●							
<b>carbaryl</b> - Sevin		●		●	●			
<b>chlorpyrifos</b> - Lorsban 15G, Nufos 15G	●							
<b>chlorpyrifos</b> - Lorsban 4E, Warhawk, Yuma 4E	●	●		●	●		●	●
<b>chlorpyrifos</b> - Lorsban Advanced	●			●	●		●	●
<b>chlorpyrifos</b> - Chlorpyrifos 4E AG				●			●	
<b>chlorpyrifos</b> - Nufos 4E	●			●			●	
<b>clothianidin</b> - NipsIT Inside	●		●	●	●	●		
<b>clothianidin + beta-Cyfluthrin</b> - Poncho Beta ( <i>seed treatment</i> )	●		●	●	●	●		
<b>esfenvalerate</b> - Asana XL, Adjourn		●		●	●		●	
<b>imidacloprid</b> - Dyna-Shield Imidacloprid 5, Senator 600, Gaucho 600 ( <i>seed treatment</i> )			●			●		
<b>methomyl</b> - Lannate LV		●			●			
<b>methyl parathion</b>					●		●	
<b>naled</b> - Dibrom								●
<b>terbufos</b> - Counter	●		●			●		
<b>thiamethoxam</b> - Cruiser5FS	●		●			●		
<b>zeta-cypermethrin</b> - Mustang Max		●	●	●	●		●	

## SUNFLOWER INSECTS

	Banded Sunflower Moth	Sunflower Moth	Sunflower Midge	Sunflower Seed Weevil	Sunflower Stem Weevil	Sunflower Beetle	Cutworm	Grasshopper	Wireworm
<b>Insecticide - Sunflower</b>									
<b>Bacillus thuringiensis</b> - DiPel DF		●							
<b>beta-cyfluthrin</b> - Baytrhoid XL	●	●	●	●	●	●	●	●	
<b>carbaryl</b> - Sevin 20% Bait, Sevin XLR					●	●	●	●	
<b>chlorpyrifos</b> - Chlorpyrifos 4E AG, Lorsban 4E, Warhawk, Yuma 4E	●	●		●	●	●	●	●	
<b>chlorpyrifos</b> - Lorsban Advanced	●	●		●	●	●	●	●	
<b>chlorpyrifos</b> - Lorsban 15G							●		
<b>chlorpyrifos + gamma-cyhalothrin</b> - Cobalt	●	●		●	●	●	●	●	
<b>cyfluthrin</b> - Tombstone, Tombstone Helios	●	●	●	●	●	●	●	●	
<b>deltamethrin</b> - Delta Gold	●	●		●	●	●	●	●	
<b>esfenvalerate</b> - Asana XL, Adjourn	●	●		●	●	●	●	●	
<b>gamma-cyhalothrin</b> - Proaxis	●	●		●	●	●	●	●	
<b>imidacloprid</b> - Gaucho ( <i>seed treatment</i> )						●			●
<b>imidacloprid</b> - Dyna-Shield Imidacloprid 5 ( <b>ST</b> )									●
<b>lambda-cyhalothrin</b> - Kaiso 24 WG, Grizzly Z, Lambda-Cy, Warrior II, Silencer	●	●		●	●	●	●	●	
<b>methyl parathion</b>		●		●					

	Banded Sunflower Moth	Sunflower Moth	Sunflower Midge	Sunflower Seed Weevil	Sunflower Stem Weevil	Sunflower Beetle	Cutworm	Grasshopper	Wireworm
<b>Insecticide - Sunflower</b>									
<b>thiamethoxam - Cruiser 5FS (seed treatment)</b>						●			●
<b>zeta-cypermethrin - Mustang Max EC</b>	●	●		●	●	●	●	●	●

## WHEAT

	Aphids	Armyworm	Cutworms	Wireworm	Grasshopper	Stem Sawfly	Hessian Fly	Wheat Midge	Stem Maggot	Cereal Leaf Beetle
<b>Insecticide - Wheat</b>										
<b>beta-cyfluthrin - Baythroid XL</b>	●	●	●		●				●	●
<b>carbaryl - Sevin</b>		●			●					●
<b>chlorpyrifos - Lorsban 4E-SG</b>	●	●	●		●			●		●
<b>chlorpyrifos - Warhawk</b>	●		●		●			●		●
<b>chlorpyrifos - Chlorpyrifos 4E AG</b>	●		●		●					●
<b>chlorpyrifos - Yuma 4E</b>	●		●		●			●		●
<b>chlorpyrifos + gamma-cyhalothrin - Cobalt</b>	●	●	●		●			●		●
<b>cyfluthrin - Tombstone, Tombstone Helios</b>	●	●	●		●					●
<b>diflubenzuron - Dimilin</b>					●					●
<b>dimethoate - Digon 400, Dimethoate 400</b>	●				●					●
<b>gamma-cyhalothrin - Proaxis</b>		●	●		●					●
<b>imidacloprid - Attendant 600</b>	●			●	●					
<b>imidacloprid - Dyna-Shield Imidacloprid 5 (ST)</b>	●			●	●					
<b>imidacloprid - Enhance AW (seed treatment)</b>	●			●			●			
<b>imidacloprid - Senator 600 (seed treatment)</b>	●			●	●		●			
<b>lambda-cyhalothrin - Kaiso 24 WG, Grizzly Z, Lambda-Cy</b>	●	●	●		●		●	●		●
<b>lambda-cyhalothrin - Silencer</b>	●	●	●		●	●		●		●
<b>lambda-cyhalothrin - Warrior II</b>	●	●	●		●	●	●	●	●	●
<b>malathion - Malathion ULV</b>					●					●
<b>malathion - Malathion 57EC</b>	●	●			●					●
<b>methomyl - Lannate LV</b>	●	●								●
<b>methyl parathion</b>	●	●			●					●
<b>methyl parathion - Penncap-M</b>	●				●			●		●
<b>spinosad - Success</b>		●								●
<b>spinosad - Tracer</b>		●								●
<b>spinetoram - Radiant SC</b>		●			●					●
<b>zeta-cypermethrin - Mustang Max, Mustang Max EC, Respect</b>	●	●	●		●	●				●