

## CHESTNUT PESTICIDES

### INSECTICIDES

	<u>BEARING TREES</u>	
<u>Chemical Name</u>	<u>Trade Name</u>	<u>Insects Controlled</u>
Azadoracthin	Superneem 4.5	weevils, aphids, scales, phylloxera, webworms, borers, caterpillars
Bacillus thuringiensis	MVP, MVP II, Mattch, M/C, Condor, Condor XL, Cutlass, Crymax, Lepenox	caterpillars
Beauveria brassiana	Mycotrol/Botanigard, Organigard	chewing insects
bitenzate	Acromite	mites
Carbaryl	Sevin Brand 50, Sevimol, Sevin XLR, Sevin RP2/RP4, Sevin 4F, Sevin	weevils, aphids, scales, phylloxera, webworms, borers, leafrollers
Diazinon	Ortho Diazinon	mites, thrips, aphids, leafhoppers, scales, mealybugs
Diflubenzuron	Micromite/Dimlin	caterpillars, weevils
Dimethoate	Dimethoate 4E	mites
Etoxazole	Zeal	mites
Harpin Protein	Messenger	strengthens plant
Hexythiazox	Savvy	mites
Horticultural Oil	Wilson, Hi Yield, Blackleaf, Bonide	mites, scales, whiteflies, mealybugs, aphids
Imidadoprid/Imidadoprine	Provado/Gaucho	scales, aphids, hoppers
Kaolin	Surround	various
Lambda/Cyhalothrin	Warrier/Proaxis	caterpillars, aphids, beetles
Malathion	Killo-Ko Malathion, Kleen-Krop	mites
Methoprene	Extinguish	ants
Methoxyfenozide	Intrepid	caterpillars
Phosmet	Imidan	borers, scales, weevils
Potassium Salts of Fatty Acids (soap)	M-Pede, Organica Neem Oil	mites, thrips, beetles, plant bugs, lacebugs, scales, whiteflies, aphids, mealybugs
Pyridaben	Nexter	mites
Pyriproxyfen	Esteem	ants
Pyriproxyfen	Knack	whiteflies, aphids
Rotenone & Pyrethrins	Pyrellin Ec	mites, thrips, whiteflies, aphids

<b><u>INSECTICIDES</u></b> <b><u>BEARING TREES</u></b>		
<u>Chemical Name</u>	<u>Trade Name</u>	<u>Insects Controlled</u>
Sucroseotanoate	Avachem Sucrase Odaneate	soft bodied insects
Spinosad	Spintor	caterpillars
Spirgdiclogen	Envidor	mites
Sulfur	Thiolux	mites
Tebufenozide	Confirm	caterpillars

<b><u>NON-BEARING TREES</u></b>		
<u>Chemical Name</u>	<u>Trade Name</u>	<u>Insects Controlled</u>
Chlorpyrifos	Dursban Pro, Equity, Dursban 4E	borers, mites, thrips, beetles, weevils, plant bugs, scales, aphids, ants, caterpillars
Bifenthrin	Talstar	fire ants, root weevils
Pymetrozine	Endeavor	sucking insects (aphids, bugs, & scales)
Fenoxycarb	Logic	ants
Hydramethylnon	Amdro	ants

### **FUNGICIDES**

<u>Chemical Name</u>	<u>Trade Name</u>	<u>Diseases Controlled</u>
Mefenoxam	Ridemul Gold	pythium, phytophthora, root rots
Azoxystrobin	Abound/Quadris	leaf spots
Pyradostrobin	Cabrio/Germ/ Pristine	leaf spots
Copper Hydroxide	Champion, Kocide	bacterial/fungal leaf spots
Phosphoric Acid	Nutrol	powdery mildew
Kaolin	Surround	leaf spots
Trichoderma Harzianum (fungus)		soil rot fungi
Triadimefon	Green Light	mildews, rots
Trifloxystrobin	Flint	leafspots
Bacillus pumilus	Sonata	soil rot fungi
Bacillus subtilis	Serenade	soil rot fungi
Triadimefon	Bayleton/Fungaway	leafspots/ mildews
<b>For non-bearing trees:</b> Myclobutanil	Nova	

## NEMATODES

<u>Chemical Name</u>	<u>Trade Name</u>	<u>Controlled</u>
Myrothecium Verrucaria	Ditera	nematodes

## VERTEBRATES

<u>Chemical Name</u>	<u>Trade Name</u>	<u>Controlled</u>
Capsaicin		mammals

## HERBICIDES

	<u>PRE-EMERGENCE</u>	
<u>Chemical Name</u>	<u>Trade Name</u>	<u>Weeds Controlled</u>
Dichlobenil	Casaron	broad leaf/some grasses
Triflurilin	Treflan	broad leaf/some grasses
Oryzalin	Surflan	broad leaf/some grasses
Halosulfuron	Sempre/Sardea	Sedge/broadleaf
Oxyfluoren	Goal, Galigan	Broadleaf/some grasses

	<u>POST-EMERGENCE</u>	
<u>Chemical Name</u>	<u>Trade Name</u>	<u>Weeds Controlled</u>
Glyphosate	Round Up Ultra	all
2, 4-D	Various Brands	broadleaf
Sethoxydryn	Poast	grasses
Paraquat	Gramoxone Max/Boa	all
Pelargonic Acid		all
Halosulfuron	Sempre/ Sandea	sedge/broadleaf
Clethodim	Select	grasses
Carfentozone	Aim	broadleaf
<b>For non-bearing trees:</b> Flumioxazin	Suregard	broadleaf