

ORGANIC PEAR SPRAY SCHEDULE

The most common situations that arise with pear trees include coddling moths, pear psylla and canker. These and other problems are addressed in the chart below.

Cultivation practices with fruit trees are a key element in disease prevention. For example, well spaced trees and good pruning provide critical air circulation. This can reduce the threat of many fungal diseases. Avoiding overhead irrigation will have the same effect. Furthermore, diseases which affect pears can also be harbored by some ornamentals such as flowering cherries and pears.

The importance of monitoring and proper timing is essential with organic fruit tree care. It is much easier to treat a problem in the early stages of infection. Also, the window for the most effective organic controls is often short.

Dormant (after leaf drop though mid winter) Pear Psylla Superior oil (i.e. Polysol) Scab, Mildew Lime-Sulfur Canker, Wood rot, Fireblight Pear Psylla, European Red Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Pear Psylla, San Diatomaceous earth, Tanglefoot Prepink (Just Pear Psylla, Superior oil, Green Lacewing release Superior oil, Green Lacewing release Psylla nymphs. Put crumpled paper in branch crotches to encourage earwigs. Prepink (Just Pear Psylla, San Diatomaceous earth, Tanglefoot	TIMING	PEST,	CONTROL	COMMENTS
drop though mid winter) Scab, Mildew Canker, Wood rot, Fireblight Canker, Wood rot, Fireblight Scab, Mildew Canker, Wood rot, Fireblight Copper *Fireblight found mostly east of the Cascades Pear Psylla, Superior oil, Green Lacewing release Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot diseased wood at least 1.5" below infected areas. *Earwigs can feed on Pear Psylla nymphs. Put crumpled paper in branch crotches to encourage earwigs.		DISEASE	MEASURES	
winter) Canker, Wood rot, Fireblight Canker, Wood rot, Fireblight Canker, Wood rot, Fireblight *Fireblight below infected areas. *Fireblight found mostly east of the Cascades Delayed Dormant (March-April) Pear Psylla, Superior oil, Green Lacewing release European Red Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot below infected areas. *Fireblight found mostly east of the Cascades *Earwigs can feed on Pear Psylla nymphs. Put crumpled paper in branch crotches to encourage earwigs.		Pear Psylla	Superior oil (i.e. Polysol)	*Prune out dead and
Fireblight Fireblight *Fireblight found mostly east of the Cascades Delayed Dormant (March-April) Pear Psylla, European Red Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot *Fireblight found mostly east of the Cascades *Earwigs can feed on Pear Psylla nymphs. Put crumpled paper in branch crotches to encourage earwigs.	drop though mid	Scab, Mildew	Lime-Sulfur	
Tanglefoot *Fireblight found mostly east of the Cascades	winter)	· · · · · · · · · · · · · · · · · · ·	Copper	below infected areas.
(March-April) European Red Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot Psylla nymphs. Put crumpled paper in branch crotches to encourage earwigs.		Firediignt		
Mite, Blister Mite, San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot Crumpled paper in branch crotches to encourage earwigs.	Delayed Dormant	Pear Psylla,	Superior oil, Green	*Earwigs can feed on Pear
San Jose Scale, Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot Crotches to encourage earwigs.	(March-April)	European Red	Lacewing release	Psylla nymphs. Put
Lygus, Stink Bugs Cutworms Diatomaceous earth, Tanglefoot earwigs.		Mite, Blister Mite,		crumpled paper in branch
Cutworms Diatomaceous earth, Tanglefoot		San Jose Scale,		crotches to encourage
Tanglefoot		Lygus, Stink Bugs		earwigs.
		Cutworms	Diatomaceous earth,	
Prepink (Just Pear Psylla, San Diatomaceous earth,			Tanglefoot	
	Prepink (Just	Pear Psylla, San	Diatomaceous earth,	
before blossoms Jose Scale, Green Lacewing release,		Jose Scale,	Green Lacewing release,	
open) European Red Insecticidal soap	open)	European Red	Insecticidal soap	
Spidermite, Blister		Spidermite, Blister		
Mite				
Prepink (Just Lygus, Stinkbugs Ask at Information for	1 5	Lygus, Stinkbugs	Ask at Information for	
before blossoms control	before blossoms		control	
open)	open)			

Prepink (Just before blossoms open) Leaf rollers, Green Fruit worms Pruit worms Pruit worms Pruit worms Pruit worms Pruit worms Begin monitoring with pheromone traps				
before blossoms open) Fruit worms parasitic wasp release Coddling moth pheromone traps Pink through petal fall (March/April-May) Petal fall (March/April-May) Petal fall Fireblight Fixed Copper 53%, Bordeaux mix Petal fall -Summer Continued Petal fall - Summer Continue 7-10 Alfalfa greening, Calcium sprays Ask Information for controls Poon Not Use Cooper 53%, Bordeaux mix Poon Not Use C	Prepink (Just	Leaf rollers, Green	Bt, Diatomaceous earth,	
Open) Coddling moth pheromone traps Pink through petal fall (March/April-May) Bilister Mite				
Pink through petal fall (March/April-May) Furopean Red Mite, Scale European Red Mite, Scale Mildew Sulfur Fixed Copper 53%, Bordeaux mix Pear Rust Mite Soap Canker Canker Canker Capper Mildew Calcium sprays Cork spot Pear psylla, Aphids, San Jose Scale Petal fall - Summer continued Mite, Blister Mite Lygus, Stink Bug Pear Psylla, Blister Mite, Rust Mite Fixed copper 53%, Bordeaux mix Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Pear psylla, Apply in early winter Par psylla And oil, add soap for mites. Apply in early winter Par psylla Najou OR COMICE Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Pear Psylla, And oil, add soap for mites. Apply in early winter Par psylla Najou OR COMICE Pear OM Najou OR COMICE Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite Pear Psylla		Coddling moth	1	
Petal fall - Summer Petal fall - Summer Coddling moth Pear psylla, Aphids, San Jose Scale Petal fall - Summer continued Petal fall - Summer continue continue continue continue continue continue continue continu	,			
fall (March/April-May) European Red Mite, Scale Midew Sulfur Fireblight Fixed Copper 53%, Bordeaux mix Pear scab, Pear Lime-Sulfur, Bordeaux mix Pear Rust Mite Pear Rust Mite Pear Rust Mite Pear Rust Midew Sulfur-Continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer continued Petal fall – Summer Continue 7-10 Alfalfa greening, Calcium sprays Soap, Diat. earth, predatory insects, neem Petal fall – Summer Continued Petal fall – Summer Continued Petal fall – Summer Continue 7-10 Alfalfa greening, Calcium sprays Soap, Diat. earth, predatory insects, neem Petal fall – Summer Continued Petal fall – Summer Continue 7-10 Alfalfa greening, Calcium sprays Soap Diat. earth, predatory insects, neem Petal fall – Summer Continue 7-10 Alfalfa greening, Calcium sprays Soap Diat. earth, predatory insects, neem Petal fall – Summer Continue 7-10 Alfalfa greening, Calcium sprays Soap Diat. earth, predatory insects, neem Petal fall – Summer Continue 7-10 Alfalfa greening on the Copper Summer Continue 7-10 Alfalfa greenin	Pink through petal	Blister Mite		*Apply lime or sulfur if pH
May) European Red Mite, Scale Mildew Sulfur *Apply sulfur for mildew from first white when bud clusters have broken open through petal fall *DO NOT USE COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE *Apply sulfur for mildew from first white when bud clusters have broken open through petal fall *DO NOT USE COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE *Apply sulfur for mildew from first white when bud clusters have broken open through petal fall *DO NOT USE COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE *Apply or Comittee Total Company of the compan				
Mite, Scale Mildew Sulfur Sulfur Sulfur Mildew Sulfur Sulfur Petal fall Pear scab, Pear Mildew Pear Rust Mite Pear Rust Mite Soap Canker Copper Mildew Sulfur- continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer Coddling moth European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Rust Mite Sulfur continued Alfalfa greening, cork spot Pear Psylla, Blister Mite Mite, Rust Mite Mite, Rust Mite Sulfur continued ANJOU OR COMICE *Apply sulfur for mildew from first white twen bud clusters have broken open through petal fall *DO NOT USE COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE *Apply sulfur for mildew from first white twen bud clusters have broken open through petal fall *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE	II	European Red	oil	
Petal fall Pear scab, Pear Mildew Pear Rust Mite Pear Rust Mite Pear Rust Mite Copper Canker Copper Mildew Mildew Soap Canker Copper Mildew Soap Carloinus prays cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer Continued Petal fall – Summer Continued Perapsylla, Aphids, San Jose Scale Pear psylla, Aphids, San Jose Scale Petal fall – Summer Continued Perapsylla, Aphids, Soap Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept. Nov.) Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Nore Nore Nore Copper Sa%, Bordeaux mix Copper OR BORDEAUX ON ANJOU OR COMICE	,	_		*Apply sulfur for mildew
Petal fall Petal fall Petal fall Pear scab, Pear Mildew Pear Rust Mite Pear Rust Mite Pear Petal fall Petal fall - Summer Corbinued Petal fall - Summer Soap Pear psylla, Aphids, San Jose Scale Pear psylla, Aphids, Soap, Diat. earth, predatory insects, neem Petal fall - Summer continued Petal fall - Summer continued Petal fall - Summer Coddling moth Parasitic wasp release European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept Nov.) Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Nord-Guax mix Pear Psylla, Blister Mite, Rust Mite Nord-Guax mix Poo NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE		Mildew	Sulfur	from first white when bud
Petal fall Petal fall Pear scab, Pear Mildew Pear Rust Mite Canker Petal fall -Summer Petal fall - Summer Petal fall - Summer Cork spot Pear psylla, Aphids, San Jose Scale Pear psylla, Aphids, San Jose Scale Petal fall - Summer continued Petal fall - Summer Coddling moth European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (SeptNov.) Pear Psylla, Blister Nov.) Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Noap for mites. Apply in early winter **DO NOT USE COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE **DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE				clusters have broken open
Bordeaux mix COPPER, BORDEAUX, OR LIME-SULFUR ON ANJOU OR COMICE				through petal fall
Petal fall – Summer continued Petal fall – Summer Coddling moth European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept. Nov.) Pest Par Scab, Pear Mildew mix mix Manjou or Comice Petal fall – Summer Coddling moth Parasitic wasp release Lygus, Stink Bug Post harvest (Sept. Nov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Rust Mite Pear Psylla, Blister Mite Mite, Rust Mite Pear Psylla, Blister Mite Nov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Nov.) Pear Psylla, Blister Mite Nov. Mite, Rust M	Petal fall	Fireblight	Fixed Copper 53%,	*DO NOT USE
Mildew mix Pear Rust Mite Soap Canker Copper Petal fall -Summer Mildew Sulfur- continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Soap Petal fall – Summer continued Furopean Red Mite, Blister Mite Lygus, Stink Bug Post harvest (SeptNov.) Pear Psylla, Blister Mite Lygus, Stink Bug Pear Psylla, Blister Mite Ask Information for controls Fixed copper 53%, Bordeaux mix Pear Psylla, Blister Mite Mite, Rust Mite Ask Information for controls **DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE in early winter			Bordeaux mix	<u> </u>
Petal fall - Summer Petal fall - Summer Mildew Sulfur- continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall - Summer continued Fireblight Post harvest (SeptNov.) Post harvest (SeptNov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Lime-Sulfur and oil, add soap for mites. Apply in early winter Post Nov.) Post Nov.) Post Nov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Nite, Rust Mite Pear Psylla, Blister Apply in early winter		*	Lime-Sulfur, Bordeaux	
Petal fall -Summer Mildew Sulfur- continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer continued European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept. Nov.) Pear Psylla, Blister Mite, Rust Mite Nov. Pear Psylla, Blister Mite, Rust Mite Mite, Rust Mite Copper Calcium sprays Soap, Diat. earth, predatory insects, neem Parasitic wasp release Soap Ask Information for controls Pixed copper 53%, Bordeaux mix Copper OR BORDEAUX ON ANJOU OR COMICE in early winter				ANJOU OR COMICE
Petal fall -Summer Mildew Sulfur- continue 7-10 days after petal fall Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer continued European Red Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (SeptNov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Lime-Sulfur and oil, add soap for mites. Apply in early winter Mildew Sulfur- continue 7-10 days after petal fall Calcium sprays Soap, Diat. earth, predatory insects, neem Parasitic wasp release European Red Soap Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE			Soap	
Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Parasitic wasp release European Red Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (Sept. Nov.) Pear Psylla, Blister Mite Dear Psylla, Blister Mite Soap for mites. Apply in early winter Anjou Or Comice Anjou Or Comice Dear Psylla, Blister Mite			1 1	
Alfalfa greening, cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer continued Coddling moth European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (SeptNov.) Post Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Alfalfa greening, Calcium sprays Soap, Diat. earth, predatory insects, neem Parasitic wasp release Soap Ask Information for controls **DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE	Petal fall -Summer	Mildew		
cork spot Pear psylla, Aphids, San Jose Scale Petal fall – Summer continued European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (SeptNov.) Post Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Mite, Rust Mite Cork spot Pear Psylla, Blister Mite, Rust Mite Nov.) Mite, Rust Mite Cork spot Parasitic wasp release Soap Ask Information for controls **DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE			days after petal fall	
Petal fall – Summer continued Petal fall – Summer continued European Red European Red Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (SeptNov.) Pear Psylla, Blister Mite Lime-Sulfur and oil, add Mite, Rust Mite soap for mites. Apply in early winter Pear psylla, Aphids, Soap, Diat. earth, predatory insects, neem Parasitic wasp release Soap *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE			Calcium sprays	
Petal fall – Summer continued Petal fall – Summer continued European Red European Red Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (SeptNov.) Pear Psylla, Blister Lime-Sulfur and oil, add Soap for mites. Apply in early winter Soap Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE		1		
Petal fall – Summer continued European Red European Red Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (Sept Nov.) Pear Psylla, Blister Mite Pear Psylla, Blister Mite Itime-Sulfur and oil, add soap for mites. Apply in early winter Mite, Rust Mite Parasitic wasp release Soap Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE		1 7	-	
Continued European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Rust Mite Soap Ask Information for controls Fixed copper 53%, Bordeaux mix Pear Psylla, Blister Mite, Rust Mite Soap for mites. Apply in early winter European Red Mite, Blister Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE		San Jose Scale	predatory insects, neem	
Continued European Red Mite, Blister Mite Lygus, Stink Bug Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Rust Mite Soap Ask Information for controls Fixed copper 53%, Bordeaux mix Pear Psylla, Blister Mite, Rust Mite Soap for mites. Apply in early winter European Red Mite, Blister Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE				
Mite, Blister Mite Lygus, Stink Bug Ask Information for controls Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Blister Ask Information for controls Fixed copper 53%, Bordeaux mix COPPER OR BORDEAUX ON ANJOU OR COMICE in early winter	Petal fall – Summer	Coddling moth	Parasitic wasp release	
Lygus, Stink Bug Ask Information for controls Post harvest (Sept Nov.) Pear Psylla, Blister Mite, Rust Mite In early winter Ask Information for controls *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE	continued	_	Soap	
Post harvest (Sept Nov.) Post harvest (Sept Nov.) Fireblight Fixed copper 53%, Bordeaux mix COPPER OR Pear Psylla, Blister Mite, Rust Mite Soap for mites. Apply in early winter ANJOU OR COMICE		Mite, Blister Mite		
Post harvest (SeptNov.) Fireblight Bordeaux mix Pear Psylla, Blister Mite, Rust Mite Pear Psylla, Blister Fixed copper 53%, Bordeaux mix Lime-Sulfur and oil, add soap for mites. Apply in early winter *DO NOT USE COPPER OR BORDEAUX ON ANJOU OR COMICE		Lygus, Stink Bug		
Nov.) Bordeaux mix Pear Psylla, Blister Mite, Rust Mite Soap for mites. Apply in early winter COPPER OR BORDEAUX ON ANJOU OR COMICE				
Pear Psylla, Blister Mite, Rust Mite Lime-Sulfur and oil, add soap for mites. Apply in early winter BORDEAUX ON ANJOU OR COMICE	` '	Fireblight	2.2	
Mite, Rust Mite soap for mites. Apply in early winter ANJOU OR COMICE	Nov.)			
in early winter		-		
		Mite, Rust Mite		ANJOU OR COMICE
			in early winter	P 01 01 12

Rev. 01-04-12

