

**Table 13. Spray Schedule for Control of Stone Fruit Diseases and Insects:
Peach, Nectarine, Plum and Cherry.**

Time to spray	Pesticides Required		Insects and diseases most likely to be a problem at the specific time (first column) during growing season, and comments.
Dormant Early spring before buds swell	<i>Fungicide</i> lime sulfur or chlorothalonil or fixed copper or bordeaux mixture	<i>Insecticides</i> No spray required	This is the only fungicide spray that controls peach leaf curl and plum pockets. No spray required on cherries. Lime sulfur also controls San Jose scale. Lime sulfur is recommended for green tip on plums for control of black knot.
Bud swell just before the buds break open in the spring	Oil NOTE: Do not spray oil when temperature is below 40F (5 C), or likely to drop below 40F within 24 hours.		Oil for control of scale insects, European red mite and aphids. Application is not required if these pests have not been a problem.
Pink Just before blooms open	<i>Fungicide</i> lime sulfur or captan or chlorothalonil or thiophanate-methyl or myclobutanil or MPFS*	<i>Insecticide</i> permethrin or pyrethrin or Thiodan or Imidan or Sevin	Insecticide for control of catfacing insects (plant bugs and stink bugs). Fungicide for brown rot control. Fungicide is required on plums especially if black knot is a problem. For black knot control, fungicides will not be effective unless all knots are removed from the tree and destroyed. Infections on nearby trees must also be eradicated. No spray needed on cherries.
Bloom	NOTE: To protect bees - do not use insecticide or MPFS* during bloom		Fungicide during bloom should not be required if good sanitation is used to control brown rot.
Petal fall When last petals are falling	<i>Fungicides</i> Same as for pink	<i>Insecticides</i> Same as for pink	Insecticide for control of plant bugs and stink bugs. Fungicide for control of scab and brown rot on all fruits. Also for black knot of plum and cherry leaf spot.
Shuck split When most shucks have split apart	<i>Fungicide</i> lime sulfur or sulfur or captan or thiophanate - methyl or myclobutanil or MPFS*	<i>Insecticide</i> Imidan or permethrin or MPFS*	Same diseases as at petal fall. Insecticide for plum curculio. Chlorothalonil cannot be applied after shuck split.
First cover Seven days after shuck split	<i>Fungicides</i> same as shuck split	<i>Insecticides</i> Same as shuck split	Insecticide for control of oriental fruit moth and plum curculio. Fungicide for scab, brown rot, cherry leaf spot and black knot of plum. Use shorter interval for fungicide if wet, rainy weather persists. This is a key time to control oriental fruit moth.
Remaining covers Continue spraying at 10 to 14 day intervals	<i>Fungicides</i> same as shuck split	<i>Insecticide</i> Sevin or others listed at shuck split	Insecticide for control of oriental fruit moth and cherry fruit fly. Fungicide for scab, brown rot, cherry leaf spot and black knot of plum. Use shorter interval for fungicide if wet, rainy weather persists.
Preharvest spray Apply according to label directions beginning 3 to 4 weeks before harvest	<i>Fungicides</i> Same as shuck split	<i>Insecticides</i> No spray needed	Fungicide for scab, brown rot, cherry leaf spot. Read container label for number of days between final spray and harvest.

*MPFS=multi-purpose fruit spray.