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Prune—Postbloom Fruit Sampling for Peach Twig Borer (PTB)

Supplement to UC IPM Pest Management Guidelines: Prune

Directions: Use this program for orchards where dormant or bloom treatments are not routinely scheduled, or if the crop will be marketed as fresh prunes.

1. Place PTB pheromone traps in the orchard in early March.
2. When first moths have been captured on two consecutive nights, begin accumulating degree-days (DD) (see UC IPM Web site for help).
3. When 400 DD have been accumulated, begin monitoring fruit.
4. Choose 80 trees at random. Walk around each tree and examine 15 fruit (for a total of 1200 fruit in the orchard) for larvae or damage. Look where fruit come in contact with each other and where leaves touch fruit.
5. For fresh market prunes, as soon as any damage or larvae are detected, stop sampling and treat.
6. For dried plums, when 24 or more fruit (out of 1200) have PTB larvae or damage, stop sampling and treat.

Grower/Orchard: _____ Fresh market Dried plums

_____ **PTB biofix** (date when first moths have been caught in pheromone traps on two consecutive nights)

_____ **sample date** (400 DD after the biofix)

Treatment decisions

- **For fresh market prunes**, when any damage or larvae are detected, stop sampling and treat.
- **For dried plums**, when 24 or more fruit (out of 1200) have OBLR larvae or damage, stop sampling and treat.

Tree number	Number of fruit with PTB larvae and/or damage	Tree number	Number of fruit with PTB larvae and/or damage	Tree number	Number of fruit with PTB larvae and/or damage	Tree number	Number of fruit with PTB larvae and/or damage	
1		21		41		61		
2		22		42		62		
3		23		43		63		
4		24		44		64		
5		25		45		65		
6		26		46		66		
7		27		47		67		
8		28		48		68		
9		29		49		69		
10		30		50		70		
11		31		51		71		
12		32		52		72		
13		33		53		73		
14		34		54		74		
15		35		55		75		
16		36		56		76		
17		37		57		77		
18		38		58		78		
19		39		59		79		
20		40		60		80		
							Total	