

Apricot Bud Stages & Critical Temperatures



Fig. 1. Stage 1, 'First Swell'.



Fig. 2. Stage 2, 'Tip Separation'.



Fig. 3. Stage 3, 'Red Calyx'.



Fig. 4. Stage 4, 'First White'.



Fig. 5. Stage 5, 'First Bloom'.

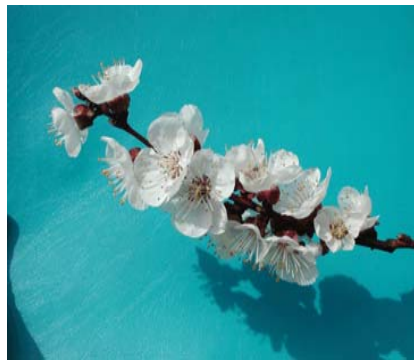


Fig. 6. Stage 6, 'Full Bloom'.



Fig. 7. Stage 7, 'In the Shuck'.



Fig. 8. Stage 8, 'Shuck Split'.

Critical temperatures (° F) for apricot fruit buds¹.

Bud Development Stage	1	2	3	4	5	6	7	8 (post-bloom)
Ave. Temp. for 10% Kill	15	20	22	24	25	27	27	28
Ave. Temp. for 90% Kill	--	0	9	14	19	22	24	25

¹ Temperatures from researchers at Washington St. University's research center, Prosser (1964-76). Mortality is based on 30 minute exposure to the critical temperature given for that level of bud kill. Values are intended for use only as a general guideline of when to begin frost protection efforts. Actual bud kill will vary with the bud stage, cold intensity (temperature), and duration (how long the temperature remains at a given level).

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