

Idared has fruited for several years on a grafted tree and in 1958 the trees planted in 1954 began to bear. I believe the Idared will need good pruning and thinning on older trees to get good size and color. Some fruits on the inside of the grafted tree have failed to mature and color well. Needless to say all the apples on the young trees have been large and well-colored. Idared is still on trial with us.

We have fruited the Victory, Crandall, Hume and several of the N. Y. State numbered selections but so far have found them either inferior to

other varieties of their season or our experience with them has been too limited to form any judgment of their value.

In closing, I would like to say that we have found the Blue-ray and Blue-crop blueberries to be the hardiest of the more recent introductions. They have shown the least winter injury in this area. We like the Berkeley for its large sweet berry and so far the winter injury has not been severe. Ivanhoe we discarded because of winter injury and its tart fruit. Pemberton and Jersey are still our favorites among the older varieties.

Winter Injury to Sweet Cherry Blossoms

FRANKLIN A. GILBERT*

Sturgeon Bay, Wisconsin

The low temperatures recorded at the Peninsula Branch Experiment Station, Door County, Wisconsin during December, January, and February have given us an opportunity to make a comparative study of the blossom bud hardiness of ten Sweet Cherry varieties. The trees have completed six years of growth in the orchard and are growing under a clean cultivation-cover crop system of culture.

Minimum temperatures for the three month period included 34 days below zero with the lowest reading of -17° F recorded on January 23.

Examinations of blossom buds were made during the week of March 1. Each bud was carefully sectioned and individual blossoms were examined with a binocular microscope. A total of 500 lateral blossoms (lateral buds on 1958 growth) and 1000 spur blossoms (spur buds on 1957 growth) were examined for each variety except Hedelfingen.

The percentage of blossoms alive for the varieties are given in Table I.

TABLE I. Sweet Cherry Blossom injury at Peninsula Branch Experiment Station Sturgeon Bay, Wisconsin

Variety	Percent of blossoms alive	
	<i>Laterals</i>	<i>Spurs</i>
Schmidt	2.3	1.9
Yellow Glass	0.8	6.4
Hedelfingen	—	13.0
Gold	0.0	13.2
Hardy Giant	1.6	12.0
Lambert	6.0	18.8
Seneca	4.1	27.0
Napoleon	4.8	29.8
Bing	11.0	36.0
Windsor	8.0	51.4

If you have any sharp, black-and-white photos of fruit varieties that you could send to the editor, they would be welcomed for possible publication.

*Associate Professor, Horticulture, University of Wisconsin.