

'Brighton' Peach¹

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'Brighton', a yellow-fleshed, semi-clingstone peach [*Prunus persica* (L.) Batsch] was released in Sept. 1972 as an early-ripening, fresh market cultivar. It has been tested and received favorable reports not only from New York State growers, but also from such widely separated areas as the State of Georgia and France. It was named for a town in Monroe County, N. Y.

Origin

'Brighton' is a 1953 selection from a progeny of 40 seedlings of 'Sunhigh' × 'Redhaven', made in 1949. It was propagated and distributed in 1962 as N.Y. 2622 by the New York State Fruit Testing Cooperative Association, Inc., Geneva.

Description

The tree of 'Brighton' is moderately vigorous and round spreading in shape. It is as productive as 'Sunhaven'. Blossom buds are slightly more resistant to low winter temperatures than 'Sunhaven', but less resistant than 'Redhaven' (Table 1). The chilling requirements of the buds are about intermediate between 'Sunhigh' and 'Redhaven' on the basis of forcing experiments. Leaf glands are reniform. Blossoms are nonshowy and rather small. It is not resistant to perennial canker, but appears to be rather tolerant; at least trees with cankers do not die as a result of it.

Fruit of 'Brighton' ripens at Geneva on August 8th on the average, about 3 days before 'Sunhaven' or 12 days

ahead of 'Redhaven'. The fruit is medium in size, averaging 6.3 cm (2.5 inches) in diam and roundish in shape, although the apex is slightly pointed in some years. It is 90% bright red over a yellow ground color. The pubescence is short. The skin is adherent and tough enough to withstand handling.

The flesh is yellow, medium firm and ripens uniformly. It is juicy and smooth

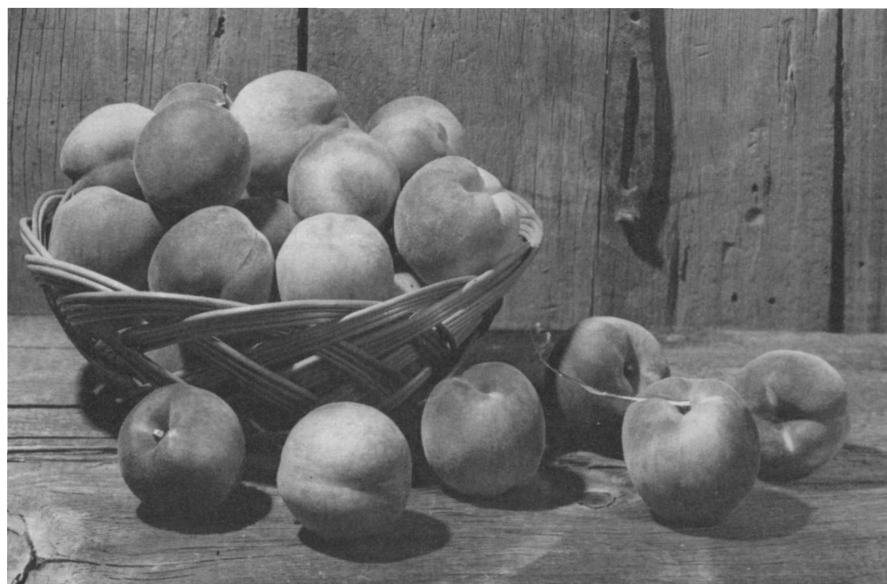
in texture. The flavor is sweet and rich. 'Brighton' is one of the highest quality peaches in its season. Flavor develops while the flesh is still quite firm and it retains its good quality as the flesh softens. The flesh turns brown very slowly upon exposure to air. The pit is semi-cling, oval in shape, and the surface is relatively smooth.

Availability

Limited numbers of trees of Brighton will be available in the fall of 1973 from the New York State Fruit Testing Cooperative Association, Inc., Geneva. Dormant scions or budwood are available from the same organization.

Table 1. Blossom bud survival of 'Brighton' as compared to other cultivars, Geneva, N. Y.

Cultivar	Blossom bud survival (%)							Avg
	1961	1965	1966	1967	1968	1970	1972	
Brighton	7	42	58	5	79	83	59	48
Sunhaven	33	15	62	4	47	75	65	43
Redhaven	58	88	83	7	69	72	84	66
Eden	30	50	69	2	52	84	59	49



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