

No mention has been made of the red "bud sports" of several varieties. As elsewhere, they meet increasing favor and they are generally planted instead of the parent varieties mentioned above; thus, instead of the old Rome Beauty, one of the red forms, most often Gallia, is used. The Massachusetts station has a redder Baldwin but whether it is more desirable than the typical Baldwin is not yet certain. Numerous "strains" of McIntosh are under observation and close study may reveal important differences.

Thus far the only suggestion is to avoid the distinctly striped strains.

Young Orchards Needed

Many orchards in New England are getting old. If reputation is to be maintained, new orchards must be planted. It is imperative that only good sites and soils should be planted, and to the most suitable varieties. The variety question has always been and will continue to be one of the most critical problems of the fruit grower.



A National Appraisal of Peach Varieties

By John T. Bregger

Variety Appraisal Committee

Following the appraisal of apple varieties published in the last issue of **FRUIT VARIETIES** let us now survey the peach variety situation. Although peaches are not grown in as many states as apples, their distribution in the South is much greater and is almost equal in an east-to-west coverage of the country.

Dividing the country into five general areas, we have summarized peach

variety reports within each area. Following a little different system than that used with the apples, the varieties are listed within each district according to their present and contemplated plantings by the growers contacted. While this listing does not take into consideration the per cent of new total acreage to be devoted to each variety, it does indicate which varieties are gaining ground and which ones are losing ground. The emphasis growers have placed on the discard of certain varieties also indi-

cates the present trend in variety preference.

Elberta Still in First Place

Except in the Pacific Northwest, the Elberta stands at the top of the list in

grower favor, and even there it is second. In the East and South, Golden Jubilee rates second choice, though not necessarily on a purely acreage basis. From there on the situation is much more mixed up, varying from section to section and

GROWER EVALUATION OF PEACH VARIETIES

NEW ENGLAND STATES (Conn. and Mass.)

Variety	Present Rating	Future Rating†	Discard Rating
Elberta	1		
Golden Jubilee	2	2	
Halehaven	3	3	
J. H. Hale	4	4	
Belle of Georgia	5	5	
South Haven	6	10	
Cumberland	7	7	
Carman	8	22	
Early Elberta (Gleason)	9		
Lizzie	10	12	
Mikado	11	16	
(June Elberta)			
Summercrest	12	8	
Valiant	13	14	
Eclipse	14	17	
Goldeneast	15	18	
Champion	16	20	
Redhaven	17	6	
Oriole	18	15	
Late Elberta	19	13	
Afterglow	20	19	
Rio Oso Gem	21	21	
Triogem	22	9	

Varieties heavily checked for discard without planting intentions: Early Crawford, Greensboro, Hiley, Late Crawford, Marigold, Mayflower and Rochester.

† Order of prominence in new plantings.

* Light to medium intention to discard.

**Heavily discarded.

NORTH ATLANTIC STATES

Variety	Present Rating	Future Rating†	Discard Rating
Elberta	1		
Golden Jubilee	2		
Halehaven	3		
J. H. Hale	4		
Belle of Georgia	5		
Goldeneast	6		
Summercrest	7		
Triogem	8		
Sunhigh	9		
Rariton Rose	10		
White Hale	11		
South Haven	12		17
Golden Globe	13		18
Afterglow	14		
Early Elberta (Gleason)	15		13
Erly-Red-Fre	16		15
Cumberland	17		16
Eclipse	18		
Vedette	19		20
Newday	20		22
Rio Oso Gem	21		14
Redhaven	22		19

Varieties heavily checked for discard without significant planting intentions: Carman, Colora, Hiley, Mayower, Mikado and Slappy.

† Order of prominence in new plantings.

* Light to medium intention to discard.

**Heavily discarded.

state to state depending on such factors as climatic conditions, market demands and the presence of superior local variety introductions.

Replacement of Old Varieties

Old varieties are going out much

faster in states where new varieties are being bred to take their place than where they must be "imported" from the outside. This is especially evident on the Pacific Coast where strict quarantine laws have also kept many new varieties from being planted. In New Jersey and

GROWER EVALUATION OF PEACH VARIETIES

NORTH CENTRAL STATES				SOUTHERN STATES			
Variety	Present Rating	Future Rating†	Discard Rating	Variety	Present Rating	Future Rating†	Discard Rating
Elberta	1	1		Elberta	1		
Halehaven	2	2		Hiley	2		
J. H. Hale	3	5		Belle of Georgia	3		
Golden Jubilee	4	4		Golden Jubilee	4	2	
South Haven	5	8		J. H. Hale	5	6	
Rochester	6	13		Early Rose	6	8	
Champion	7	6		Mayflower	7	10	
Redhaven	8	3		Halehaven	8	5	
Belle of Georgia	9	7		Early Wheeler	9		
Early Elberta	10	9		(Red Bird Cling)			
(Gleason)				Early Elberta	10	7	
Fertile Hale	11	11		(Gleason)			
Gage Elberta	12	12		Carman	11	14	
Early Wheeler	13	17		Early Hiley	12	9	
(Red Bird Cling)				Fair Beauty	13	13	
Early Halehaven	14	10		July Elberta	14	12	
Oriole	15	19		(Burbank Elberta)			
Shippers				Unedda	15	15	
Late Red	16	14		Frank	16	17	
Kalhaven	17	15		Augbert	17	19	
Cumberland	18	16		Late Elberta	18	16	
Vedette	19	20		Greensboro	19	20	
July Elberta	20	17		Sullivan Early			
(Burbank Elberta)				Elberta	20	18	

Varieties heavily checked for discard without planting intentions: Admiral Dewey, Alton, Arp, Carman, Mayflower, Salberta, Salway and Wilma.

† Order of prominence in new plantings.

* Light to medium intention to discard.

**Heavily discarded.

† Order of prominence in new plantings.

* Light to medium intention to discard.

**Heavily discarded.

surrounding states, several New Jersey Station introductions are assuming commercial proportions. The same is likewise true in the North Central States with the Michigan introductions. In the Southeast where Hiley and early white varieties are declining rapidly, local U. S. D. A. introductions (Southland, Dixigem and Dixired) are beginning to appear in new plantings. It is becoming increasingly evident that variety change is a slow process among the rank and file of fruit growers. In other words even the best new variety does not assume a leading position in a few years time.

Varieties Being Discarded

In addition to many varieties which are already on the decline as far as new plantings are concerned (see tables), additional varieties are recorded which are in even greater disfavor. These are listed alphabetically at the bottoms of the tables but in all cases there were few or no growers who would plant them in comparison to a heavy vote for discard. In most cases they have already been replaced by higher quality varieties of the same or similar seasons.

The Over-All Picture

As in the case of apples, a comparatively few varieties make up a large per cent of the total peach tree acreage in each state and region. This is largely due to the fact that a significant amount of the total freestone peach production is still shipped commercially and must fit

GROWER EVALUATION OF PEACH VARIETIES

PACIFIC NORTHWEST

Variety	Present Rating	Future Rating†	Discard Rating
J. H. Hale	1	1	
Elberta	2	2	
Rochester	3	5	
Golden Jubilee	4	4	
Early Elberta	5	3	
(Gleason)			
Slappy	6	6	
Early Crawford	7	14	
Halehaven	8	7	
Late Elberta	9	9	
Late Crawford	10	13	
July Elberta	11	8	
(Burbank Elberta)			
Rio Oso Gem	12	10	
Redelberta	13		

Varieties heavily checked for discard without planting intentions: Early Crawford, Candoka, Krummel October and Late Crawford.

† Order of prominence in new plantings.

* Light to medium intention to discard.

**Heavily discarded.

into the market between the peak shipments of competing regions to the north and south. With the continued growth of the canning and freezing industry, however, a greater number of new and especially qualified varieties will find their way into the peach plantings of all areas. "The most constant thing in the world is change", and this applies to peach varieties as much as to anything else.