

REVIEWS and ABSTRACTS



VARIETIES OF PEACHES FOR PROCESSING

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Peaches for processing vary a great deal with the season; on how they have ripened, whether the season has been dry, whether they have had adequate fertilizer, have been properly sprayed, and other factors. Consequently, considerable variation has been found in a particular variety during different seasons. For example, Elberta, which has been rated as average for canning, may, under favorable conditions be better than Sunhigh which has been rated as above average.

Description of Some of Best Varieties for Processing

Dixigem is a high quality freestone peach which ripens early. It is small, has a light yellow color and occasionally the pits tend to cling. However, when ripe, it is excellent for both canning and freezing. It is practically non-browning.

Redhaven is small in size unless heavily thinned. It has an excellent yellow color, firm flesh, and like Dixigem occasionally tends to cling. This variety is suitable for both commercial canning and freezing. It is particularly well adapted for home canning and freezing, is practically non-browning, and needs no treatment whatever for freezing.

Golden Jubilee is rather soft and breaks up easily during processing. Its color is light yellow and the flavor excellent and distinctive. The flesh is comparatively slow to turn brown and although other varieties are better for freezing preservation, this variety is well adapted for this purpose. Usually it pits quite easily.

Southland is a yellow-fleshed freestone of high quality. It is practically non-browning and seems quite well suited for freezing, but has not been available at Clemson in sufficient quantities for canning.

Triogem usually sizes well, has a light but uniform yellow flesh color. Although this variety occasionally tends

to cling, it is excellent for both canning and freezing.

Fireglow is a high quality yellow-fleshed freestone, sizes well with a good crop on the tree. Color and flavor of this variety are good to excellent and pitting and peeling wastes are usually small. It is particularly well suited for canning.

July Elberta is sometimes called Stark's or Burbank's July Elberta, or by other names in various parts of the country. It is a medium-sized freestone peach with fairly good yellow flesh color and excellent quality. A good canning variety and also good for freezing, but will occasionally turn quite brown unless treated to prevent it.

Halehaven is a well-known variety grown in South Carolina. The fruit

ripens uniformly and the flesh is yellow throughout while still firm. This variety is somewhat stringy but is well suited for both canning and freezing.

Ambergem is a large, firm yellow-fleshed clingstone peach and makes an excellent canned product. It is by far the best clingstone variety tried at Clemson.

Sunhigh is one of the best freestones tried for canning. It has good yellow color and shape, excellent quality and pitting and peeling wastes are usually low.

Sullivan Early Elberta is very similar to Elberta except that it ripens a week earlier. Pits are slightly larger than Elberta.

FREESTONE PEACHES SUITABLE FOR CANNING

	Above Average	
Early Elberta (Gleason)		Rio Oso Gem
Fireglow		Shipper's Large Red
July Elberta (Burbank Elberta)		Sunhigh
	Average	
Belle of Georgia		Halegold
Dixigem		Halehaven
Early Hiley (White)		Ideal
Eclipse		Lizzie
Elberta		Redhaven
Fay Elberta (Gold Medal)		South Haven
Gage Elberta		Sunday Elberta
Gemmers Late Elberta		Sunbeam
Globe Haven		Triogem
Golden Globe		Valiant
Goldeneast		Vedette
	Below Average	
Afterglow		Marigold
Early Halehaven		Massosoit
Fair Beauty		Midway
Fischer		Mundell Seedling
Flaming Gold		Pickett's Favorite
Giant Freestone		Redelberta
Golddrop		Red Rose
Hardy Berta		Salberta
Kalhaven		White Hale

FREESTONE PEACHES SUITABLE FOR FREEZING**ABOVE AVERAGE**

Susceptible to browning

Fireglow	Shippers Late Red
July Elberta (Bur. Elberta)	Sunhigh

Non-browning

Dixigem	Southland
Redhaven	Sunbeam
Redskin	Triogem

AVERAGE

Elberta	Primrose
Golden Jubilee	Red Rose (White)
Gemmer's Late Elberta	Rio Oso Gem
Globe Haven	Sullivan Early Elberta
Goldeneast	Sunday Elberta
Halegold	Valiant
Halehaven	Vedette
Ideal	Welcome
Kalhaven	

POOR

Afterglow	Lizzie
Augbert	Midway
Giant Freestone	Mundell Seedling
Hardee	Pickett's Favorite
Hardy Elberta	Penryn

Elberta is the most important commercial variety in South Carolina. It grows to large size, and produces a good quality canned peach if handled in the right manner. The color of the flesh is not uniformly yellow until it reaches the soft-ripe state. If canned too early, the peaches are hard and show a very undesirable green. However, the Elberta makes a product of very good quality when canned at the right stage of maturity. The flavor and texture of the well-ripened peach are good. Elberta browns badly when frozen and should be treated to prevent this discoloration.

Shipper's Late Red is a large yellow freestone practically identical with J. H. Hale. Flesh is firm and the pit cavity has a brilliant red color. This pit color

is particularly attractive in the frozen product, but when the fruit is canned the color occasionally turns an undesirable brown.

Rio Oso Gem is another Hale-type peach with firm yellow flesh. This variety also has a very red pit cavity which occasionally turns brown when canned, but the peaches are quite attractive when the fruit is frozen.

Lizzie is not a very good processing peach but is one of the best of its season. Its processing characteristics are very similar to Elberta, although it is not quite as high in quality. It is generally low in acid.

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