

# 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  
July Elberta (Bur. Elberta)

Shippers Late Red  
Sunhigh

## Non-browning

Dixigem  
Redhaven  
Redskin

Southland  
Sunbeam  
Triogem

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AVERAGE

Elberta  
Golden Jubilee  
Gemmer's Late Elberta  
Globe Haven  
Goldeneast  
Halegold  
Halehaven  
Ideal  
Kalhaven

Primrose  
Red Rose (White)  
Rio Oso Gem  
Sullivan Early Elberta  
Sunday Elberta  
Valiant  
Vedette  
Welcome

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POOR

Afterglow  
Augbert  
Giant Freestone  
Hardee  
Hardy Elberta

Lizzie  
Midway  
Mundell Seedling  
Pickett's Favorite  
Penryn

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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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