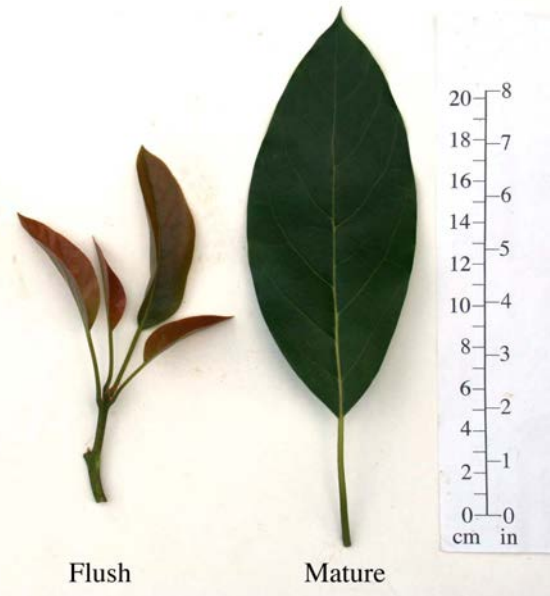
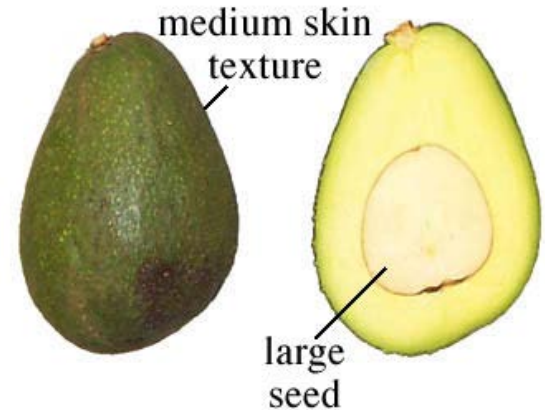


**Parentage:** Hybrid  
**Peels:** Yes  
**Seed Size:** Large  
**Skin Texture:** Medium  
**Blossom Type:** B  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Green  
**Skin Thickness:** Medium  
**Average Fruit Weight oz:** 9 to 16  
**%Ratio Seed/Skin/Flesh:** 15:10:75

### Additional Information:

Introduces as bud wood in 1911 from Atlixco, Puebla, Mexico. A hybrid Mexican variety that is ready to pick in November and is good through March. Hangs on the tree well. A long time in California commercial variety valued for its winter season and its B blossom type. Skin thickness is medium thin. Seed size is medium large.

**Fuerte**  
"B" flower type  
Green when ripe  
Medium skin thickness



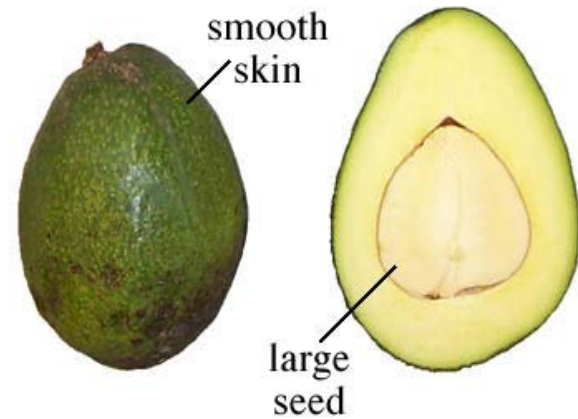
**Parentage:** Mexican  
**Peels:** Not easily  
**Seed Size:** Large  
**Skin Texture:**  
**Blossom Type:** B  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Green  
**Skin Thickness:** Thin  
**Average Fruit Weight oz:** 10 to 18  
**%Ratio Seed/Skin/Flesh:** 18:7:75

### Additional Information:

Originated in Buena Park, California, by James Bacon. Introduced in 1951. Flesh has an unusually pale yellow/green color. Oil content high. Matures Nov. to Jan. in Orange County and Dec. to Mar. in Ventura County. Consistent heavy producer; frost tolerance excellent. Bacon has a commercial background. Large trees.

## Bacon

"B" flower type  
Green when ripe  
Thin skin



## Bacon



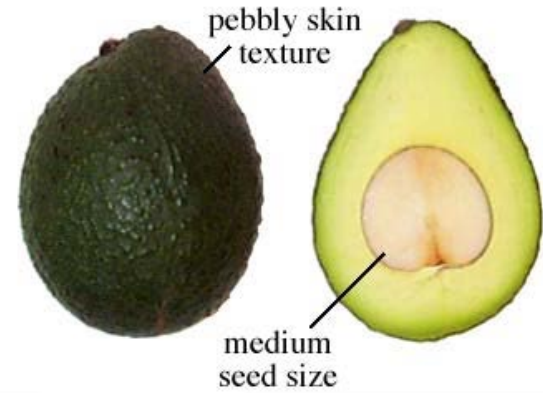
**Parentage:** Hybrid  
**Peels:** Not easily  
**Seed Size:** Medium  
**Skin Texture:** Pebbly  
**Blossom Type:** A  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Green  
**Skin Thickness:** Medium  
**Average Fruit Weight oz:** 6 to 15  
**%Ratio Seed/Skin/Flesh:** 18:13:69

### Additional Information:

Ready to pick from April through October (at South Coast Field Station, Orange County, Ca.).  
Tree is small. Fruit is pear/oval with stem tending to come out on one side.

## Gwen

A flower type  
Green when ripe  
Ovate fruit shape



## Gwen

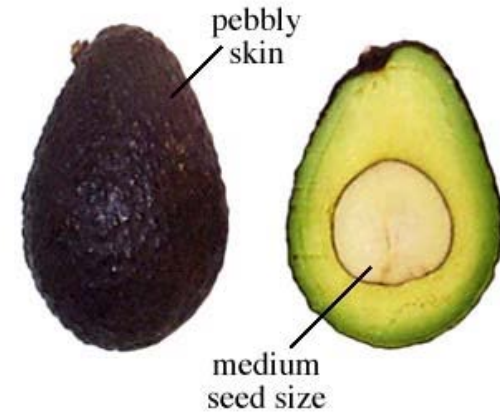


**Parentage:** Hybrid  
**Peels:** Yes  
**Seed Size:** Medium  
**Skin Texture:** Pebbly  
**Blossom Type:** A  
**Fruit Shape:** Narrowly obovate to obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Black  
**Skin Thickness:** Medium  
**Average Fruit Weight oz:** 6 to 14  
**%Ratio Seed/Skin/Flesh:** 16:12:72

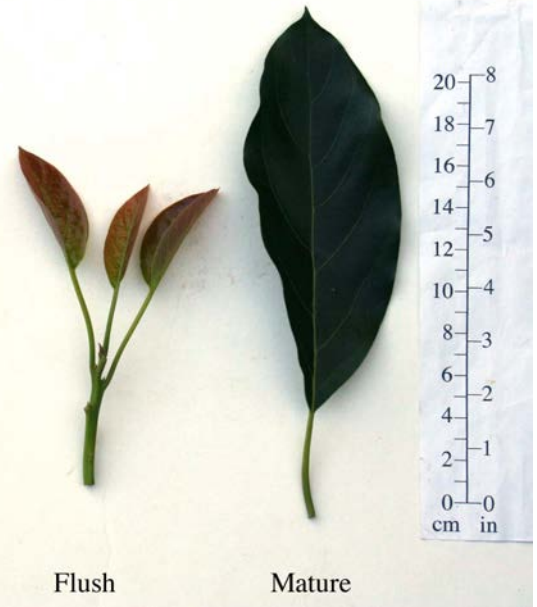
### Additional Information:

Originated in La Habra, Heights, California, by Rudolph Hass. Introduced in 1936. Oval/pear shaped fruit. The leading commercial variety in California. One of the longest harvest seasons usually beginning in February in Orange County, Ca. Excellent flavor and shipping qualities. Hass is often used as a control in field testing of other varieties.

**Hass**  
"A" flower type  
Black when ripe  
Medium skin thickness



**Hass**





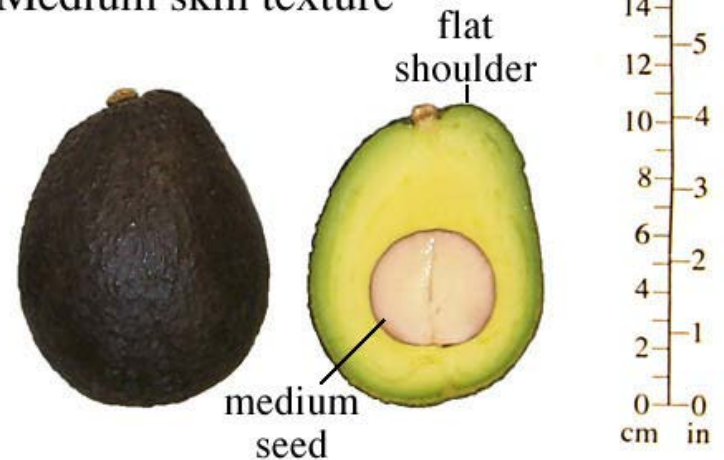
**Parentage:** Hybrid  
**Peels:** Yes  
**Seed Size:** Medium  
**Skin Texture:** Pebbly  
**Blossom Type:** A  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Black  
**Skin Color Ripe:** Black  
**Skin Thickness:** Medium  
**Average Fruit Weight oz:** 10 to 18  
**%Ratio Seed/Skin/Flesh:** 15:14:71

### Additional Information:

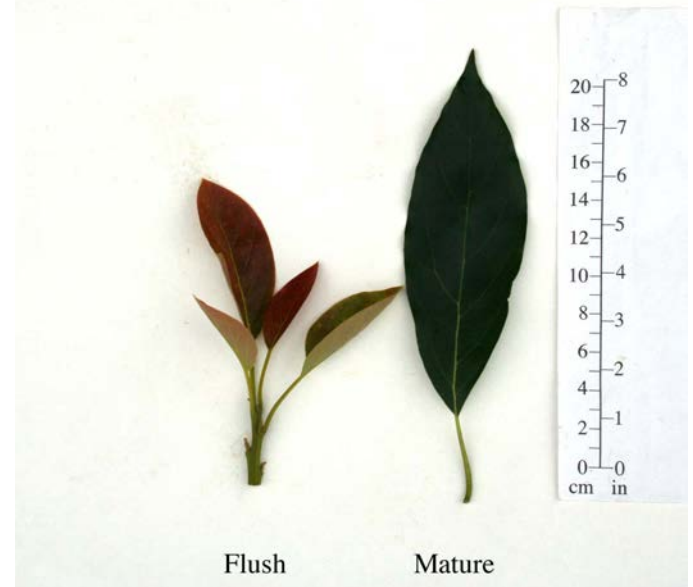
Originally named BL122. Usually is a shouldered pear shape and is normally black with green spots. It is a substantial appearing fruit. Tree grows upright. Is starting to be grown commercially in California. Matures later than Hass.

## Lamb Hass

"A" flower type  
 Black when ripe  
 Medium skin texture



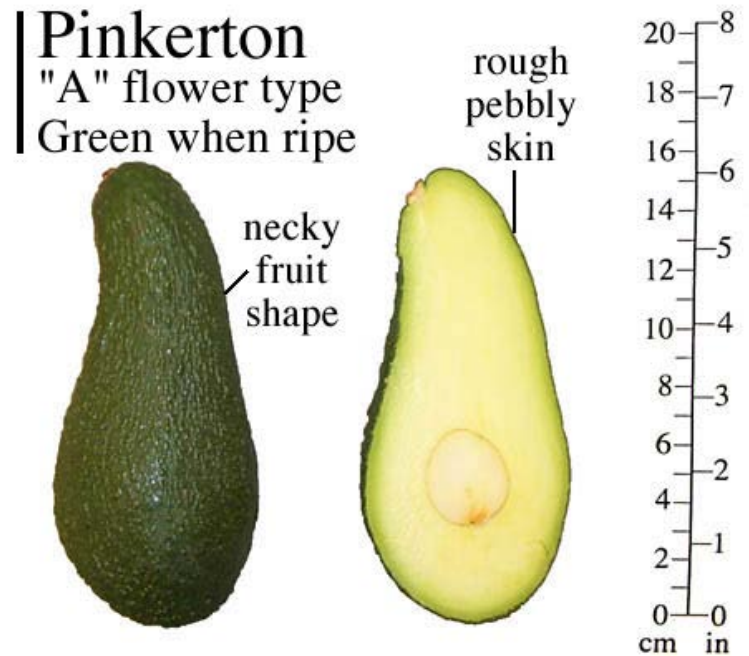
## Lamb Hass



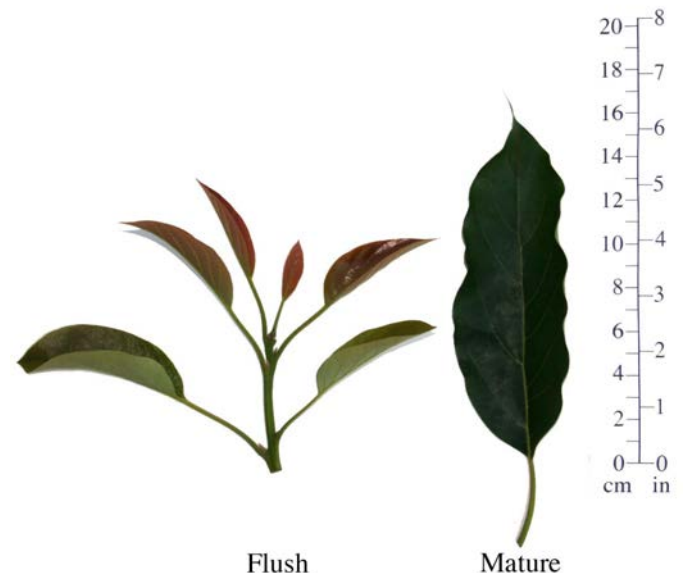
**Parentage:** Hybrid  
**Peels:** Yes  
**Seed Size:** Small  
**Skin Texture:** Rough-pebbly  
**Blossom Type:** A  
**Fruit Shape:** Pyriform  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Green  
**Skin Thickness:** Medium  
**Average Fruit Weight oz:** 9 to 18  
**%Ratio Seed/Skin/Flesh:** 10:13:77

### Additional Information:

Commercial variety. Harvest begins in January in some commercial areas. High oil content. Medium slightly spreading tree. Hardy to 30 degrees.



### Pinkerton



**Parentage:** Guatemalan

**Peels:** Yes

**Seed Size:** Large

**Skin Texture:** Medium

**Blossom Type:** A

**Fruit Shape:** Spheroid

**Skin Color Unripe:** Green

**Skin Color Ripe:** Green

**Skin Thickness:** Medium

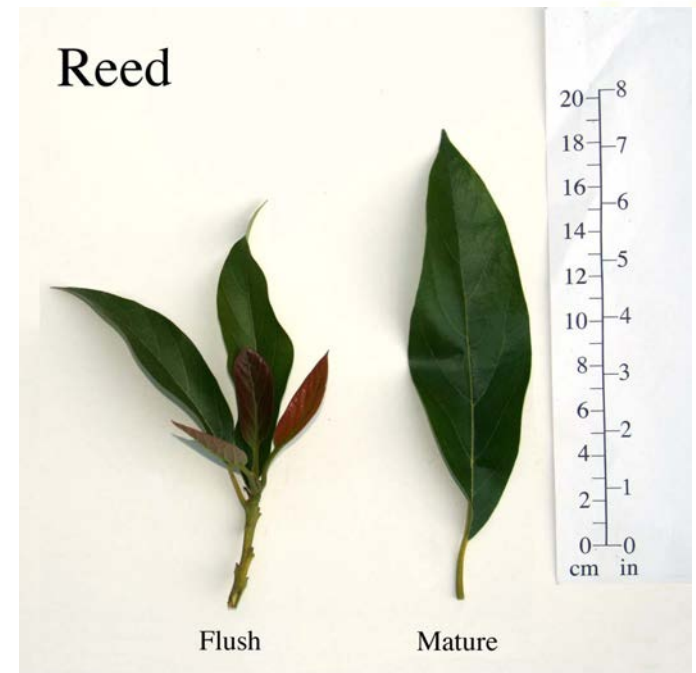
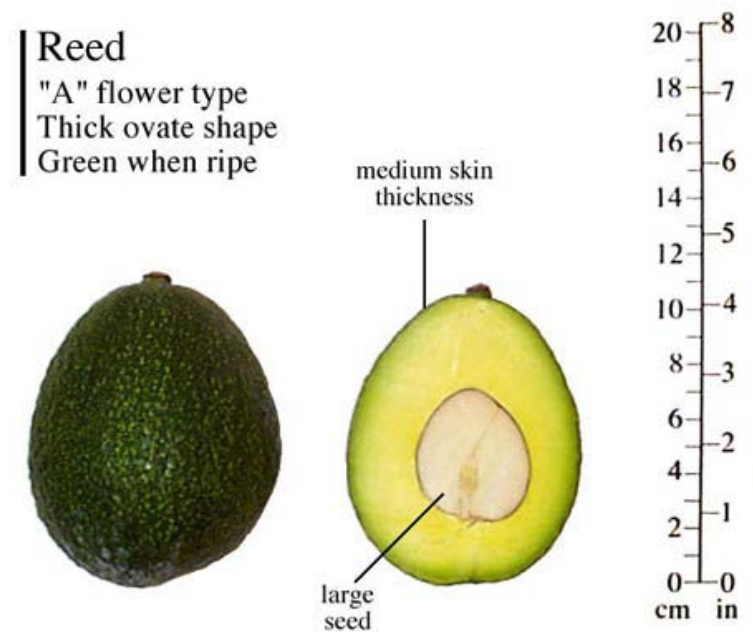
**Average Fruit Weight oz:** 17 to 24

**%Ratio Seed/Skin/Flesh:** 17:11:72

### Additional Information:

Originated in Carlsbad, California, by James Reed. Introduced in 1960 from a chance seedling planted in 1948. Fruits ripe May to September according to most literature. At South Coast Field Station (Orange County, Ca) we have found it to be better later in the year. Sets fruit yearly. Fruit may remain on tree for a relatively long time after reaching maturity. Resistant to salt burn. Cold tender.

Source Information: [ucavo.ucr.edu](http://ucavo.ucr.edu) and [avocadosource.com](http://avocadosource.com)

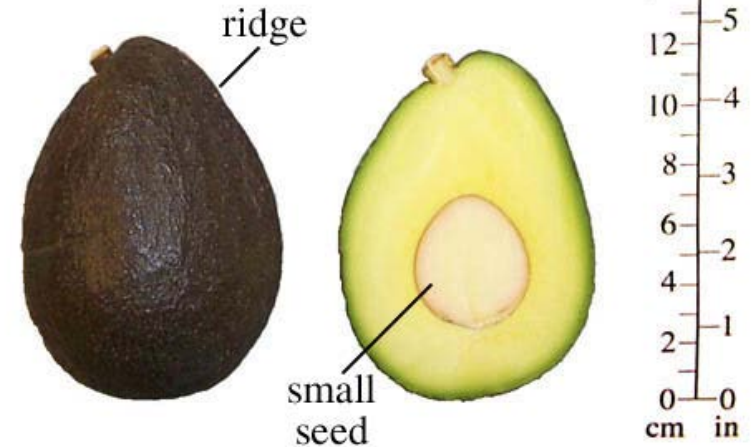


**Parentage:** Mexican hybrid  
**Peels:** Yes  
**Seed Size:** Small  
**Skin Texture:** Medium  
**Blossom Type:** B  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Black  
**Skin Thickness:** Thin  
**Average Fruit Weight oz:** N/A  
**%Ratio Seed/Skin/Flesh:** 9:8:83

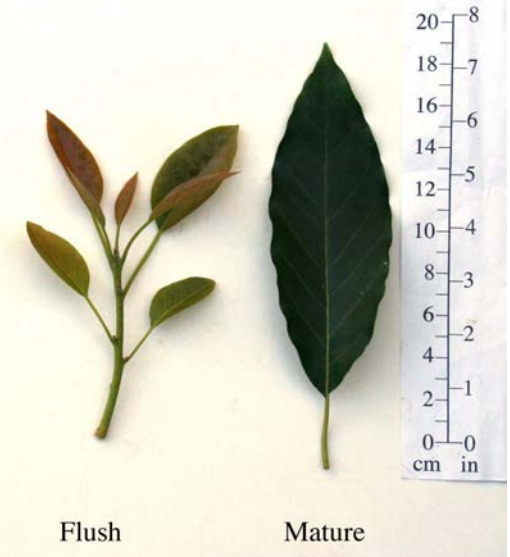
#### Additional Information:

Season of maturity averages 6-8 weeks earlier than Hass. Mexican-race type avocados are typically more cold resistant than 'Hass' so this tree is being tried in inland valleys and other regions unsuitable for Hass. Early results do not indicate it is any more cold tolerant than Hass. Fruit shape is pear with distinctive ridge along one side. Skin texture is not truly pebbled like 'Hass' but does have tiny islands of varying yellowish shades giving the illusion of 'Hass'-like pebbles. 'Sir Prize' is upright in tree form. Peak bloom period is earlier than 'Hass' by several weeks.

**Sir Prize**  
"B" flower type  
Black when soft  
Thin skin



Sir Prize





**Parentage:** Mexican  
**Peels:** Not easily  
**Seed Size:** Medium  
**Skin Texture:** Smooth  
**Blossom Type:** B  
**Fruit Shape:** Obovate  
**Skin Color Unripe:** Green  
**Skin Color Ripe:** Green  
**Skin Thickness:** Thin  
**Average Fruit Weight oz:** 11 to 14  
**%Ratio Seed/Skin/Flesh:** 26:7:67

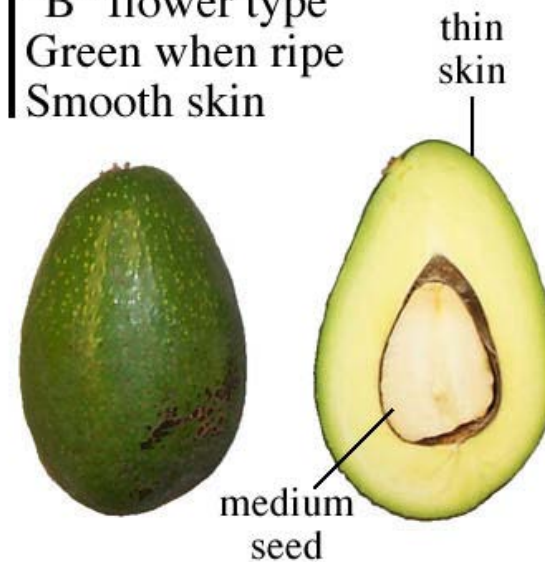
### Additional Information:

Originated in Fallbrook, California, by W.L. Ruitt. Introduced in 1941 from a selection made in 1926. Ripens in Oct. to Dec. in San Gabriel Valley, Ca.; and Jan. to Feb. in Ventura County, Ca. Tree; consistent producer; more hardy than Fuerte. Commercial variety. Fruit are oval/pear in shape with waxy bumps on the skin.

Source Information: [ucavo.ucr.edu](http://ucavo.ucr.edu) and [avocadosource.com](http://avocadosource.com)

## Zutano

"B" flower type  
Green when ripe  
Smooth skin



## Zutano



**Parentage:** Guatemalan

**Peels:** Yes

**Seed Size:** Large

**Skin Texture:** Medium

**Blossom Type:** A

**Fruit Shape:** High spheriod

**Skin Color Unripe:** Dark Green

**Skin Color Ripe:** Black

**Skin Thickness:** Thick

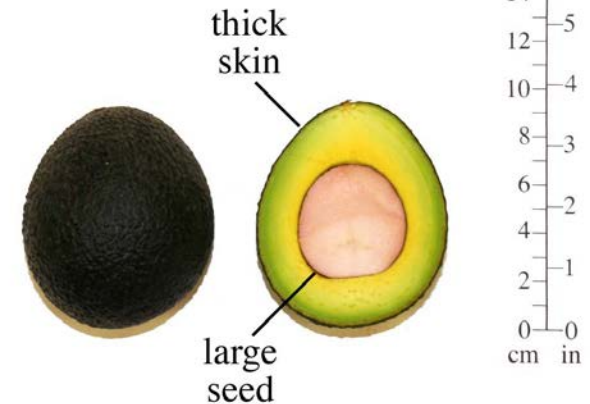
**Average Fruit Weight oz:** 7 to 10

**%Ratio Seed/Skin/Flesh:** 15:14:71

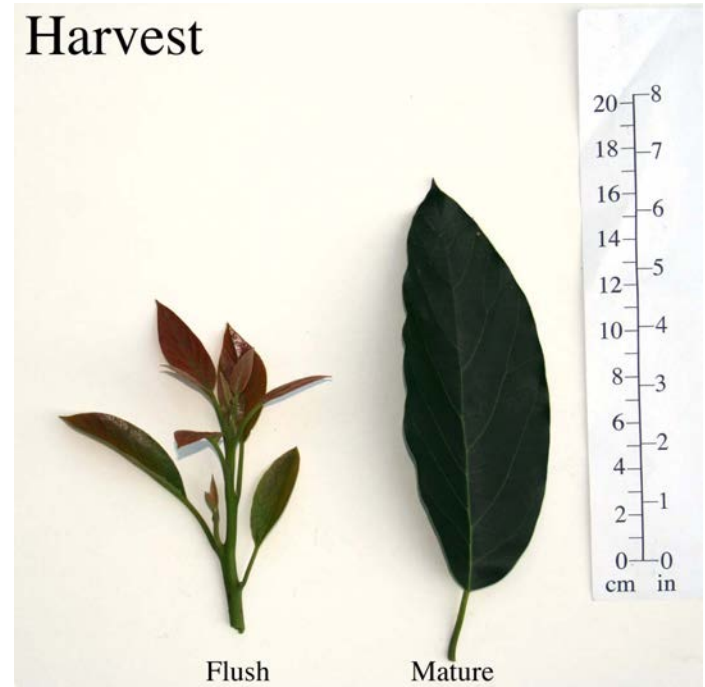
### Additional Information:

Patented under the experimental name "N4(-)5" in 2003. A "Gwen" seedling. Tree has an open and spreading growth habit and exhibits alternate bearing similar to that of the "Hass" variety. A late season variety ripening in the fall about the same time as Lamb Hass or Reed.

**Harvest**  
Flower Type "A"  
Black when ripe  
Thick skin



**Harvest**



**Parentage:** Guatemalan

**Peels:** Yes

**Seed Size:** Medium

**Skin Texture:** Medium

**Blossom Type:** A

**Fruit Shape:** Ellipsoid

**Skin Color Unripe:** Green to Black

**Skin Color Ripe:** Black

**Skin Thickness:** Thick

**Average Fruit Weight oz:** 7 to 11

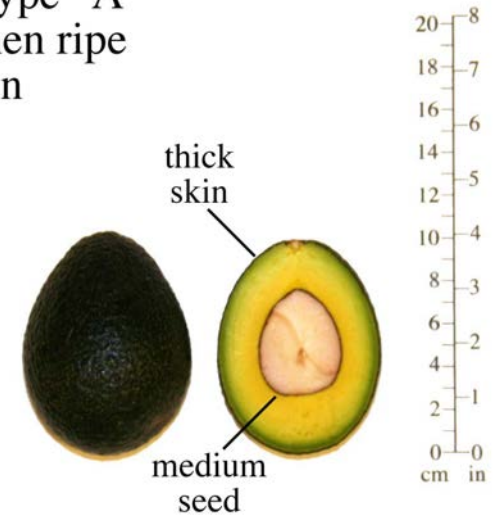
**%Ratio Seed/Skin/Flesh:** 15:13:72

### Additional Information:

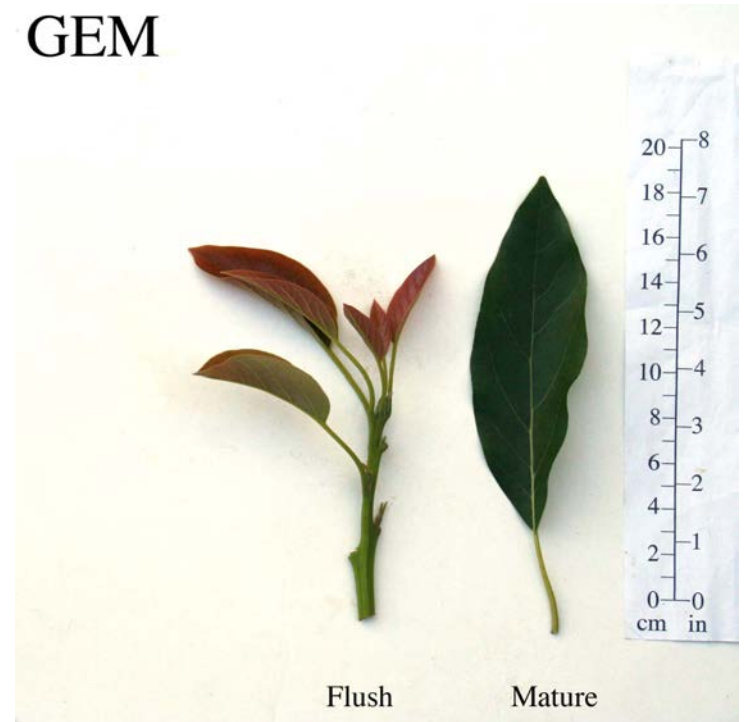
Patented under the experimental name "3-29-5" in 2003. A "Gwen" seedling. Tree has an open and spreading growth habit and exhibits less alternate bearing than that of the "Hass" variety. Season is roughly the same as that of "Hass." Fruit has excellent flavor and tends to oxidize much slower than the "Hass" variety.

Source Information: [ucavo.ucr.edu](http://ucavo.ucr.edu) and [avocadosource.com](http://avocadosource.com)

**GEM**  
Flower Type "A"  
Black when ripe  
Thick skin



**GEM**

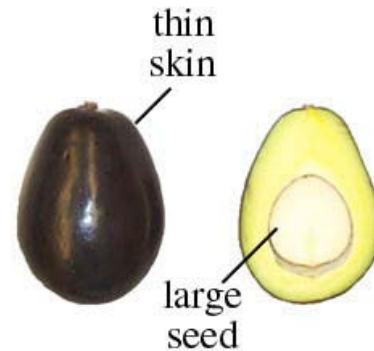


Parentage: Mexican  
Peels: No  
Seed Size: Large  
Skin Texture: Smooth  
Blossom Type: A  
Fruit Shape: Obovate  
Skin Color Unripe: Black  
Skin Color Ripe: Black  
Skin Thickness: Thin  
Average Fruit Weight oz: 4 to 6.5  
%Ratio Seed/Skin/Flesh: 27:12:61

### Additional Information:

Mexican varieties have an anise smell to the leaves. This is a very typical Mexican variety.

**Mexicola**  
"A" flower type  
Black when ripe  
Smooth skin



**Mexicola**





Parentage: Guatemalan

Peels: Yes

Seed Size: Medium

Skin Texture: Medium

Blossom Type: A

Fruit Shape: Obovate

Skin Color Unripe: Green

Skin Color Ripe: Green

Skin Thickness: Medium

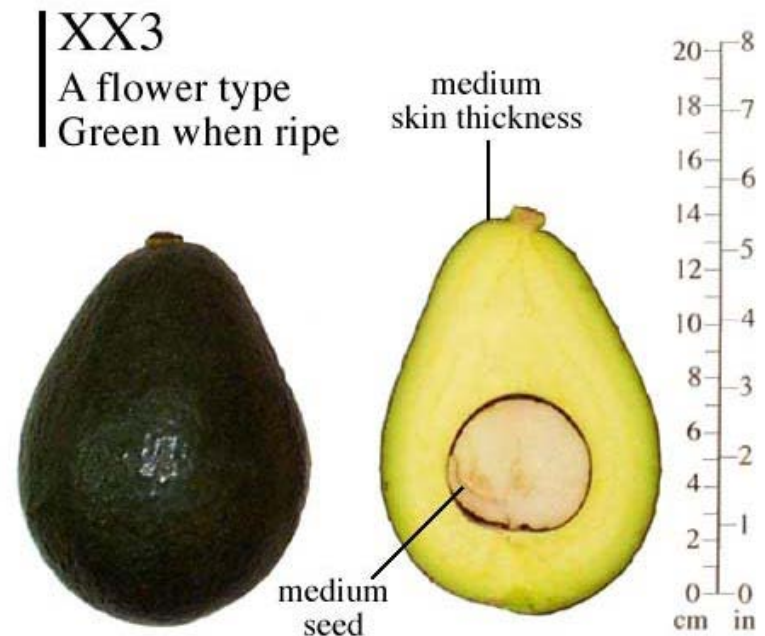
Average Fruit Weight oz: 18 to 24

%Ratio Seed/Skin/Flesh: 16:13:71

### Additional Information:

Dwarf tree has very large fruit. Beautiful tree with spreading, umbrella shape that skirts the ground. Not extremely small, but certainly not a towering tree. Tree is smaller than Wertz. Fruit are attractive and have good flavor. Released from the breeding program for nursery propagation in 2001. Marketed by one nursery as the 'Holiday' avocado.

Source Information: [ucavo.ucr.edu](http://ucavo.ucr.edu) and [avocadosource.com](http://avocadosource.com)



### Holiday

