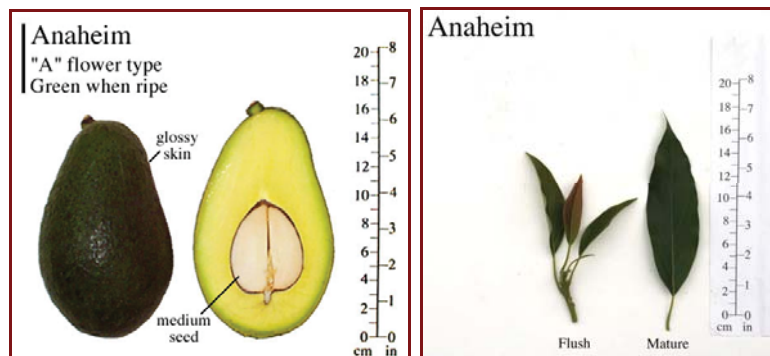
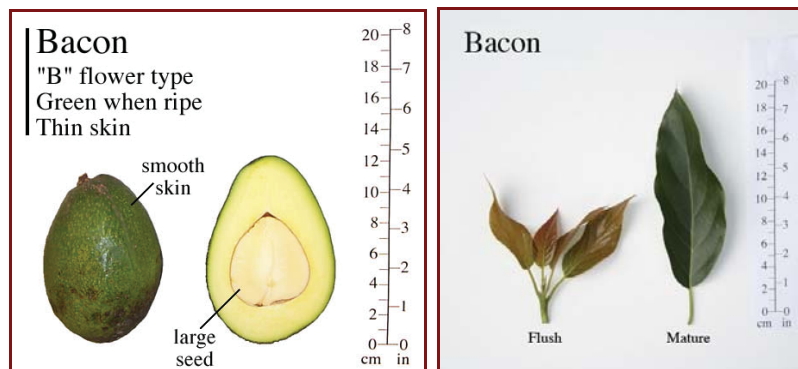


Avocado Varieties - A Primer (Source: <http://www.ucavo.ucr.edu/>)



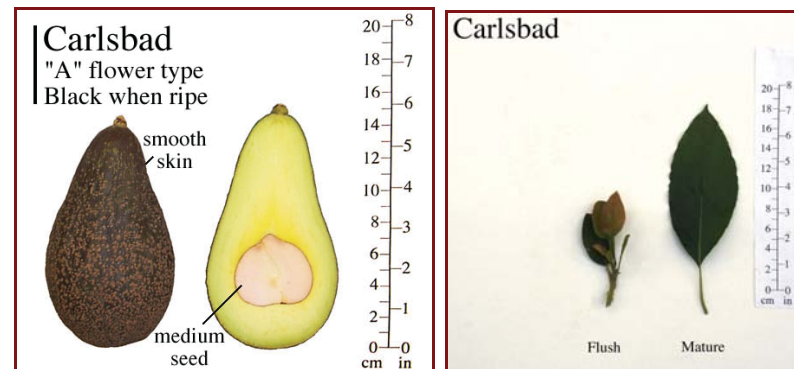
Anaheim ~ Average Fruit Weight oz: 18 to 32
 Parentage: Guatemalan Peels: Yes Seed Size: Medium to small
 Skin Texture: Medium rough, glossy Blossom Type: A Fruit Shape: Ellipsoid to Obovate
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

Tree originated in 1910 in Anaheim, California. Production very prolific, bears regularly up to 220 lbs annually per tree. Ripens June - August. Cold sensitive. Shape of tree, tall and slender. Flavor, fair to good.



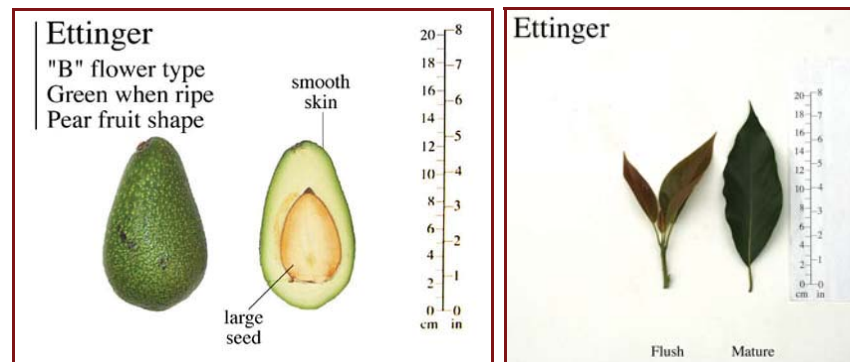
Bacon ~ Average Fruit Weight oz: 10 to 18
 Parentage: Mexican Peels: Not easily Seed Size: Large
 Skin Texture: Smooth Blossom Type: B Fruit Shape: Obovate
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Thin

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, CA. Consistent, heavy producer; frost tolerance excellent. Bacon has a commercial background. Large trees.



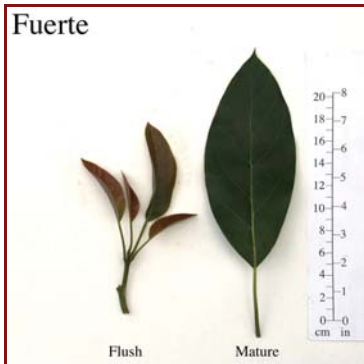
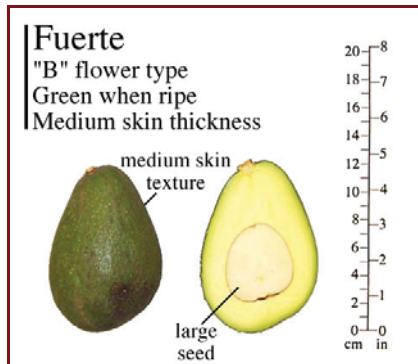
Carlsbad ~ Average Fruit Weight oz: 10 to 15
 Parentage: Guatemalan Peels: N/A Seed Size: Medium
 Skin Texture: Smooth Blossom Type: A Fruit Shape: Narrowly obovate
 Skin Color Unripe: Green ~ Ripe: Black Skin Thickness: Medium thick

Tree introduced in 1912 from Mexico by A. R. Rideout & W. D. Stephens. First fruited at Carlsbad CA. Prolific, regular bearer. Fruit season, April - June. Good flavor.



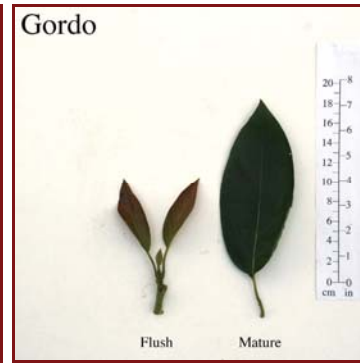
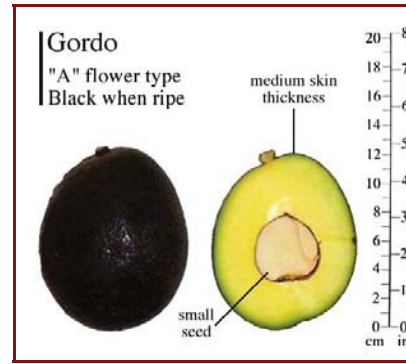
Ettinger ~ Average Fruit Weight oz: 9 to 20
 Parentage: Mexican Peels: No Seed Size: Large
 Skin Texture: Smooth Blossom Type: B Fruit Shape: Narrowly obovate
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Thin

Originated in Kefar Malal, Israel and introduced in 1947. Introduced in the U.S. in 1954. Fruit: Fuerte type. Large seed, loose in cavity, seedcoats adhere to flesh. Flesh clear light yellow, free of fiber, soft, melting, ripens uniformly. Ripens slightly before and with Fuerte. A Mexican variety grown commercially in Israel.



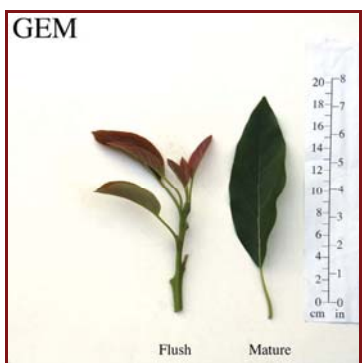
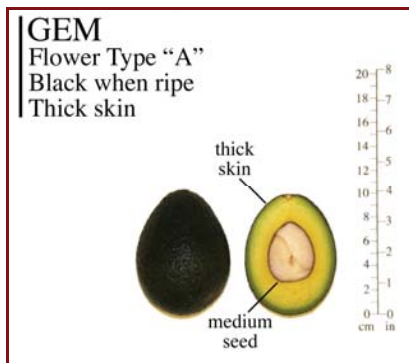
Fuerte ~ Average Fruit Weight oz: 9 to 16
 Parentage: Hybrid Peels: Yes Seed Size: Large
 Skin Texture: Medium Blossom Type: B Fruit Shape: Obovate
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

Introduced as budwood 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 California commercial variety valued for its winter season and its B blossom type. Skin thickness is medium thin. Seed size is medium large.



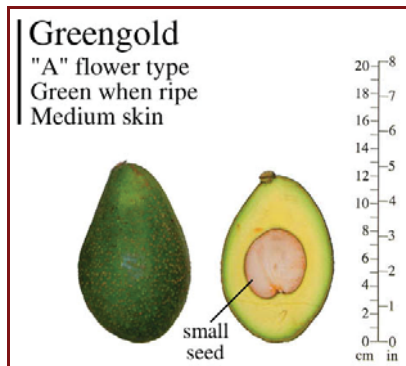
Gordo ~ Average Fruit Weight oz: 19 to 23
 Parentage: Guatemalan Peels: Not easily Seed Size: Small
 Skin Texture: Medium Blossom Type: A Fruit Shape: High spheroid
 Skin Color Unripe: Green ~ Ripe: Black Skin Thickness: Medium

Imported as budwood in 1911 from Atlixco, Puebla, Mexico. Flesh cream colored, of rich flavor. Large backyard variety.



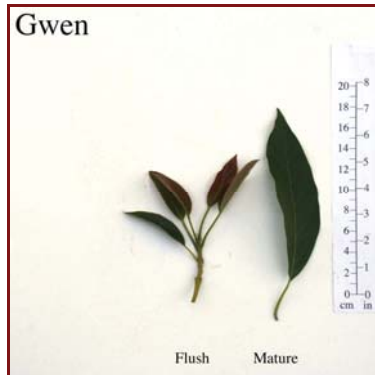
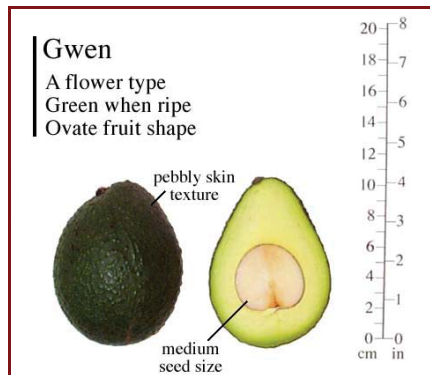
GEM ~ Average Fruit Weight oz: 7 to 11
 Parentage: Guatemalan Peels: Yes Seed Size: Medium
 Skin Texture: Medium Blossom Type: A Fruit Shape: Ellipsoid
 Skin Color Unripe: Green to Black ~ Ripe: Black Skin Thickness: Thick

Patented in 2003; released in 2005. 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 "Hass." Fruit has excellent flavor and tends to oxidize much slower than the "Hass" variety.



Green Gold ~ Average Fruit Weight oz: 12
 Parentage: Guatemalan (Sharwill cross) Peels: Yes Seed Size: Small
 Skin Texture: Medium Blossom Type: A Fruit Shape: Ellipsoid to pyriform
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium to thick

Originated in Haleakala Branch Station, Hawaii by R. A. Hamilton, University of Hawaii. Introduced in 1982. Sharwill x open pollinated seedling made in 1962; variety selected in 1970. Ripens in Feb. to May. Good handling quality. Fruit has a rich, nutty flavor. Tree medium, upright, very productive with a tendency to alternate bearing.

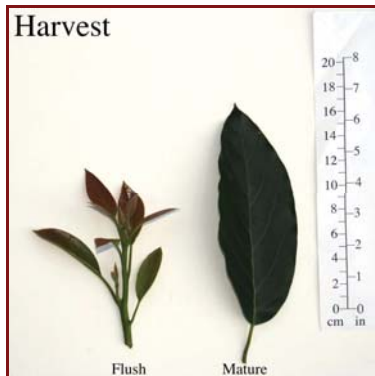
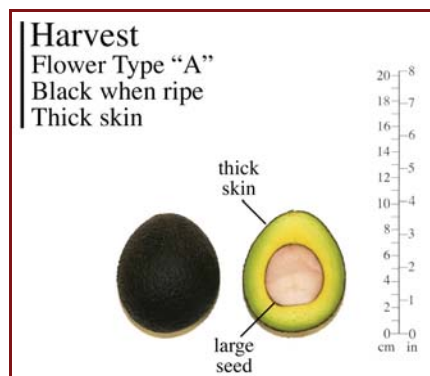


Gwen ~ Average Fruit Weight oz: 6 to 15
Parentage: Hybrid
Skin Texture: Pebbly
Skin Color Unripe: Green ~ Ripe: Green

Peels: Not easily
Blossom Type: A
Skin Thickness: Medium

Seed Size: Medium
Fruit Shape: Obovate

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.

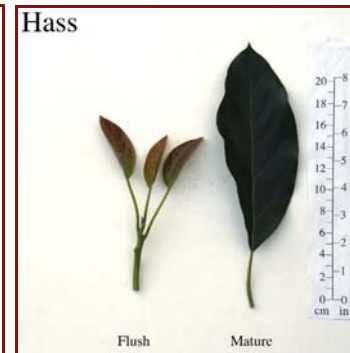
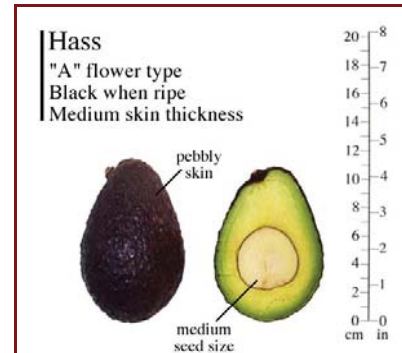


Harvest ~ Average Fruit Weight oz: 7 to 10
Parentage: Guatemalan
Skin Texture: Medium
Skin Color Unripe: Dark Green ~ Ripe: Black

Peels: Yes
Blossom Type: A

Seed Size: Large
Fruit Shape: High spheroid
Skin Thickness: Thick

Patented in 2003; released in 2005. A "Gwen" seedling. Tree has an open and spreading growth habit and exhibits alternate bearing similar to the "Hass" variety. A late season variety ripening in the fall about the same time as Lamb Hass or Reed.

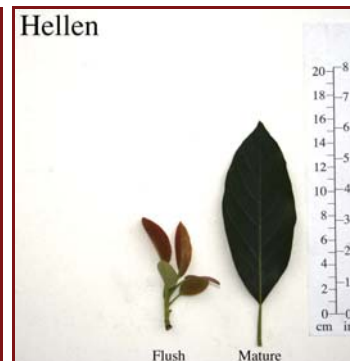
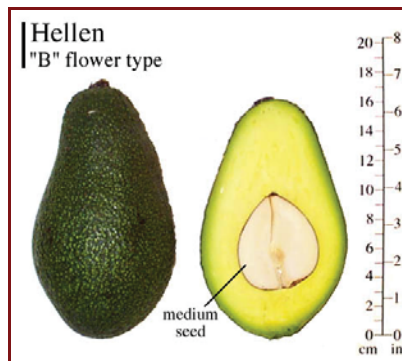


Hass ~ Average Fruit Weight oz: 6 to 14
Parentage: Hybrid
Skin Texture: Pebbly
Skin Color Unripe: Green ~ Ripe: Black

Peels: Yes
Blossom Type: A
Thickness: Medium

Seed Size: Medium
Fruit Shape: Narrowly obovate to obovate

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.

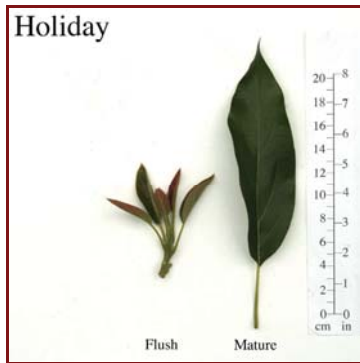
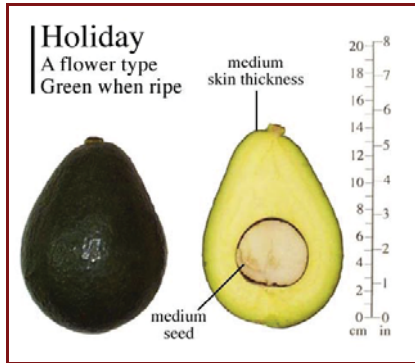


Hellen ~ Average Fruit Weight oz: 9 to 14
Parentage: Guatemalan
Skin Texture: Leathery
Skin Color Unripe: Green ~ Ripe: Green

Peels: Yes
Blossom Type: B
Skin Thickness: Thick

Seed Size: Medium
Fruit Shape: Pyriform

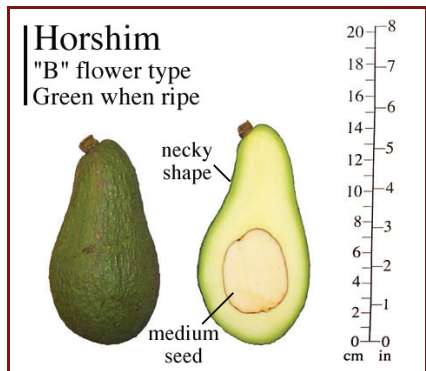
Originated 1938 in Santa Monica, California. Tree is a vigorous grower with an upright and round shape. Season: June to September. Skin is tough & leathery and peels easily. Eating qualities are excellent. Fruit at South Coast Research and Extension Center are consistently larger than listed above running in the 15-28 oz range. Fruit tend to be hidden inside the foliage.



Holiday ~ Average Fruit Weight oz: 18 to 24
 Parentage: Guatemalan Peels: Yes
 Skin Texture: Medium Blossom Type: A
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

Seed Size: Medium
 Fruit Shape: Obovate

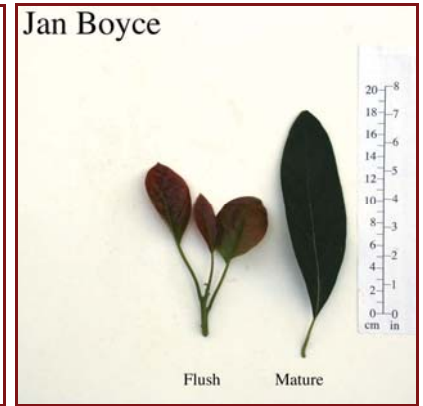
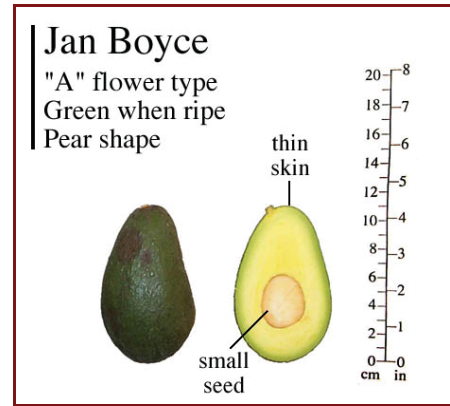
Dwarf tree has very large fruit. Beautiful tree with spreading, umbrella shape that skirts the ground. Not extremely small, but certainly not a towering tree. Tree is smaller than Wertz. Fruit are attractive and have good flavor. Released from the breeding program for nursery propagation in 2001.



Horshim ~ Average Fruit Weight oz: 8 to 16
 Parentage: Mexican Peels: Not easily
 Skin Texture: Medium Blossom Type: B
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

Seed Size: Medium
 Fruit Shape: Pyriform

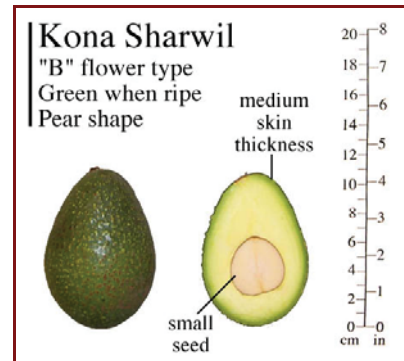
Medium sized spreading tree. Fruit are "Fuerte" looking. Ripens in winter. This variety sometimes is excellent, sometimes has heavy strings. Tree is spreading. Origin: Israel.



Jan Boyce ~ Average Fruit Weight oz: 7 to 11
 Parentage: Hybrid Peels: No
 Skin Texture: Medium Blossom Type: A
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Thin

Seed Size: Small
 Fruit Shape: Obovate

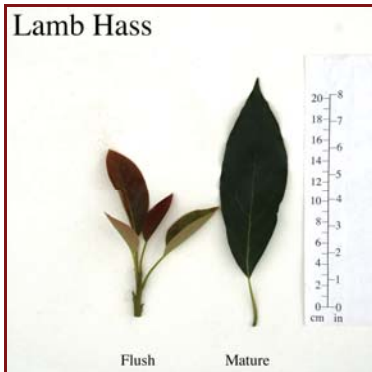
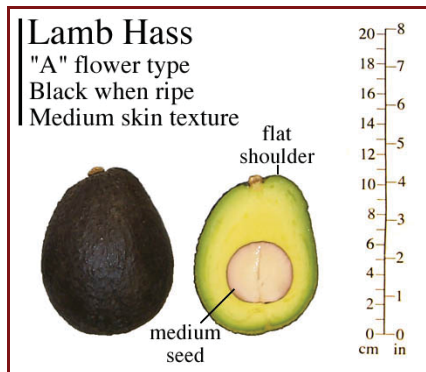
A pretty oval/pear shaped fruit. It does not peel well, is handsome looking and has excellent flavor in April. Considered by some to be a gourmet avocado.



Kona Sharwil ~ Average Fruit Weight oz: 8 to 16
 Parentage: Hybrid Peels: Yes
 Skin Texture: Medium Blossom Type: B
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

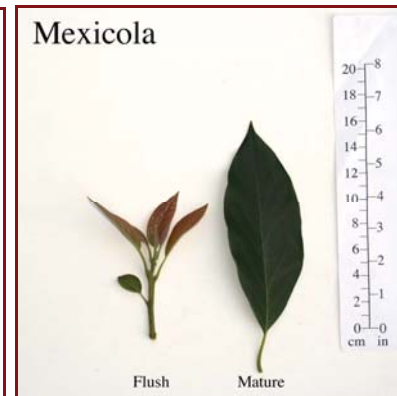
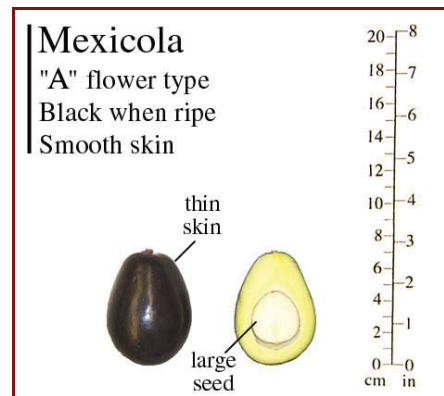
Seed Size: Small
 Fruit Shape: Narrowly obovate

A Guatemalan x Mexican cross from Australia. Commercially grown in Hawaii. Has a well centered stem. Fruit shape is oval/pear shape. Very easy to tell when it is soft and ready to use. At South Coast Field Station, Orange County, CA the old fruit can remain on the tree till the new crop is ready to begin picking. Fruit stores well.



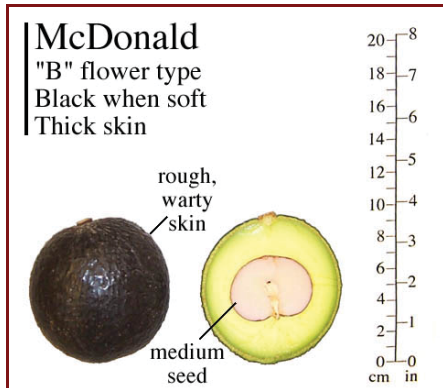
Lamb Hass ~ Average Fruit Weight oz: 10 to 18
 Parentage: Hybrid Peels: Yes Seed Size: Medium
 Skin Texture: Pebbly Blossom Type: A Fruit Shape: Obovate
 Skin Color Unripe: Black ~ Ripe: Black Skin Thickness: Medium

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.



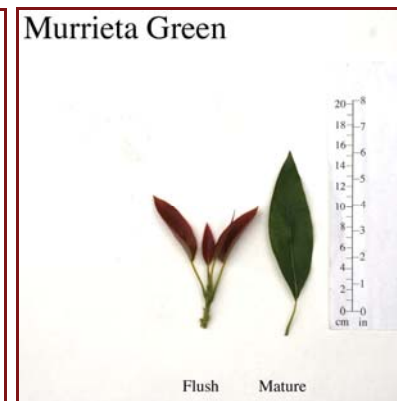
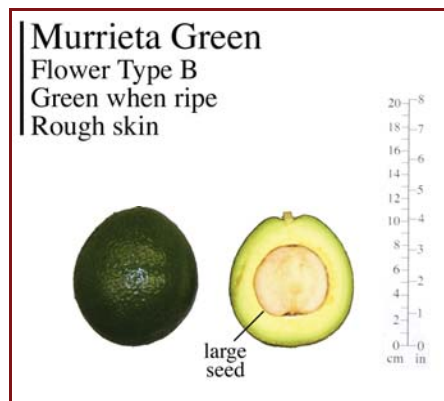
Mexicola ~ Average Fruit Weight oz: 4 to 6.5
 Parentage: Mexican Peels: No Seed Size: Large
 Skin Texture: Smooth Blossom Type: A Fruit Shape: Obovate
 Skin Color Unripe: Black ~ Ripe: Black Skin Thickness: Thin

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



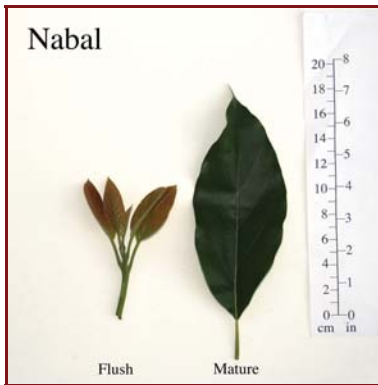
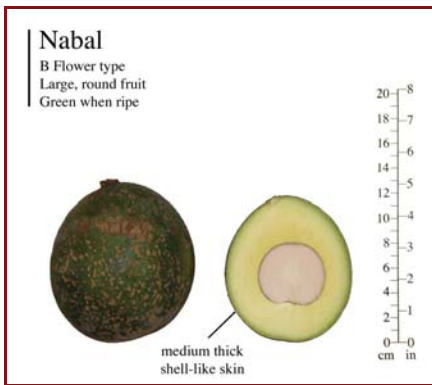
McDonald ~ Average Fruit Weight oz: 12 to 16
 Parentage: Guatemalan Peels: N/A Seed Size: Medium
 Skin Texture: Rough, warty Blossom Type: B Fruit Shape: Spheriod
 Skin Color Unripe: Green/black ~ Ripe: Black Skin Thickness: Thick

Originated from seed planted in 1895. Brought to Honolulu by Admiral Beardslee. This and a few seedlings of it were among the leading commercial varieties in Hawaii. Fruit season Nov - April.



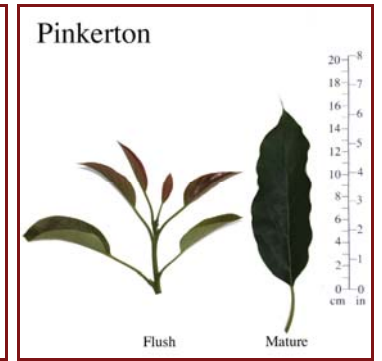
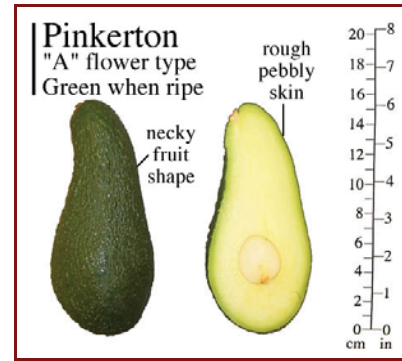
Murrieta Green ~ Average Fruit Weight oz: 14-20
 Parentage: Guatemalan Peels: N/A Seed Size: Large
 Skin Texture: Rough Blossom Type: B Fruit Shape: Spherical
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: N/A

Originated about 1910 as a seed from Mexico planted by Juan Murrieta in Los Angeles. A weak grower. Fruit season, July-September. The fruit is of good quality but too large commercially. The tree is short and spreading.



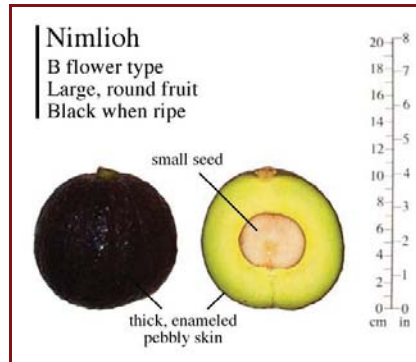
Nabal ~ Average Fruit Weight oz: 16 to 30
 Parentage: Guatemalan Peels: Yes Seed Size: Large
 Skin Texture: Smooth Blossom Type: B Fruit Shape: Spheroid
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

Originated in Guatemala, imported into the U.S. by F. W. Popenoe in 1927; in Florida in 1937. Seed tight in cavity. Skin is thin to medium in thickness, not pebbly, but can be hard and shell like. Season June through October. Tree is strongly alternate bearing. Typical Guatemalan.



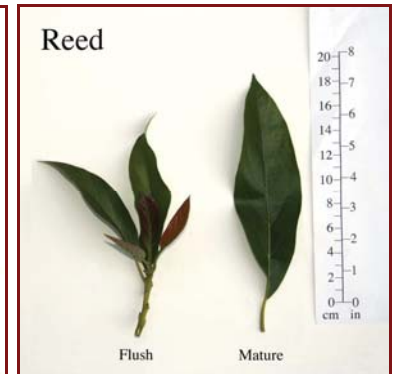
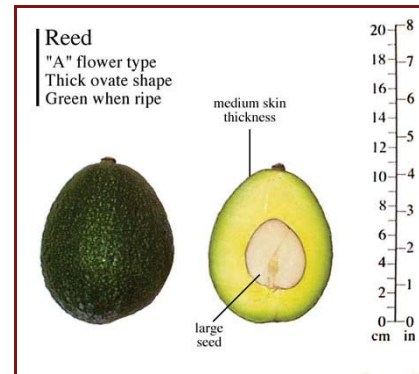
Pinkerton ~ Average Fruit Weight oz: 9 to 18
 Parentage: Hybrid Peels: Yes Seed Size: Small
 Skin Texture: Rough-pebbly Blossom Type: A Fruit Shape: Pyriform
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

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



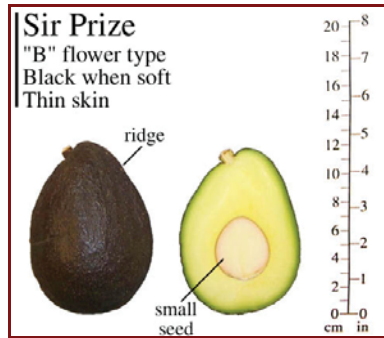
Nimliah ~ Average Fruit Weight oz: 24 to 34
 Parentage: Guatemalan Peels: No Seed Size: Small
 Skin Texture: Medium Blossom Type: B Fruit Shape: Spheroid
 Skin Color Unripe: Green ~ Ripe: Black Skin Thickness: Thick

Large, black round fruit with thick, enameled pebbly skin. First pictured in the Avocado Yearbook in 1917. Tall tree.



Reed ~ Average Fruit Weight oz: 17 to 24
 Parentage: Guatemalan Peels: Yes Seed Size: Large
 Skin Texture: Medium Blossom Type: A Fruit Shape: Spheroid
 Skin Color Unripe: Green ~ Ripe: Green Skin Thickness: Medium

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 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.



Sir Prize ~ Average Fruit Weight oz: 10-20

Parentage: Mexican hybrid

Peels: Yes

Seed Size: Small

Skin Texture: Medium

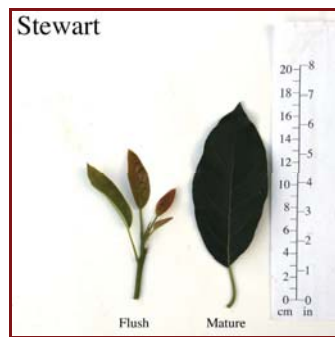
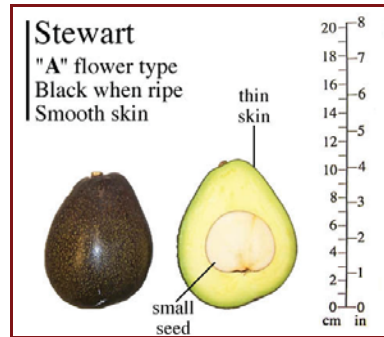
Blossom Type: B

Fruit Shape: Obovate

Skin Color Unripe: Green ~ Ripe: Black

Skin Thickness: Thin

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.



Stewart ~ Average Fruit Weight oz: 6 to 13

Parentage: Mexican

Peels: Yes

Seed Size: Small

Skin Texture: Smooth

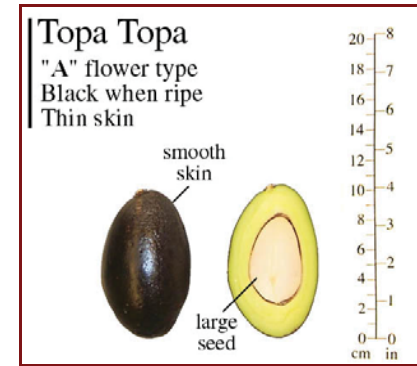
Blossom Type: A

Fruit Shape: Obovate

Skin Color Unripe: Black ~ Ripe: Black

Skin Thickness: Thin

Originated in Mentone, San Bernardino County, CA on the Stewart Ranch. Introduced in 1956. Flesh clear, bright, light yellow shading to green toward skin, firm, but melting, excellent quality; ripens from early Oct. to mid-Dec. Tree: spreading, strong, vigorous; bears good crops. Although listed as an "A" type flower, it typically shows "B" flowering characteristics at South Coast Field Station in Irvine, CA.



(no leaves)

Topa Topa ~ Average Fruit Weight oz: 3 1/2 to 8 1/2

Parentage: Mexican

Peels: No

Seed Size: Large

Skin Texture: Smooth

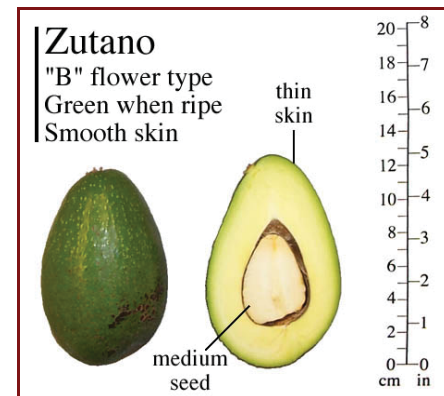
Blossom Type: A

Fruit Shape: Ellipsoid

Skin Color Unripe: Black ~ Ripe: Black

Skin Thickness: Thin

Originated 1907 from seed in Ojai, California. Fruit season, Sept - Dec. Poor flavor, used mainly as a rootstock.



Zutano ~ Average Fruit Weight oz: 11 to 14

Parentage: Mexican

Peels: Not easily

Seed Size: Medium

Skin Texture: Smooth

Blossom Type: B

Fruit Shape: Obovate

Skin Color Unripe: Green ~ Ripe: Green

Skin Thickness: Thin

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 and Jan. to Feb. in Ventura County, CA. Tree: consistent producer; hardier than Fuerte. Commercial variety. Fruit are oval/pear in shape with waxy bumps on the skin.