

Bean/Cowpea Collaborative Research Support Program (CRSP) - East Africa



Dry Bean Varieties for Niche Markets in the USA

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All varieties listed are common beans, *Phaseolus vulgaris* L., unless noted next to variety name. Days to maturity, plant height, and pod and bean measurements are based on data collected from the most recent replicated field trial in which the variety was grown (2001-2004), in Vancouver, Washington.

Black



Black Coco (113 days). Pink flowered, plants are 12.7 inches tall, and pods are 4.1 inches long. Andean in origin and true determinate bush (type I). Beans are large, 0.48 inches long and 0.34 inches wide. Round or oval in shape and shiny black in color. These beans are not traditional for Central America and may be considered undesirable for traditional black bean recipes.



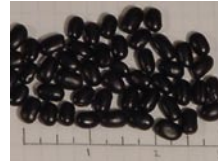
H9673-87 (109 days). Plants are 16.6 inches tall and pods are 3.7 inches long. Beans are 0.38 inches long and 0.24 inches wide. Beans are small and black.

Green Bean: pods are approximately 8 cm long and 1.1 cm wide. A string is present and although we found them to be tough when eaten raw, they were tender and fair after cooking.



ICB-10-5 (109 days). Plants are 14.3 inches tall and pods are 3.6 inches long. Beans are 0.4 inches long and 0.26 inches wide. Beans are small and black.

Green Bean: pods are 9.6 cm long and 1.1 cm wide. A string was present in both raw and cooked. When eaten raw, the bean was slightly tough. After cooking, the bean was tender and fair.



ICB-10-5-14 (115 days). Plants are 12.4 inches tall and pods are 3.5 inches long. Beans are 0.38 Inches long and 0.26 Inches wide and black in color.



Major (105 days). Plants are 12.3 inches tall and pods are 4.9 inches long. Beans are 0.54 Inches long and 0.22 Inches wide and black.



Midnight Black Turtle (116 days). Plants are 15.7 inches tall and pods are 3.7 inches long. Beans are small, 0.34 inches long and 0.24 inches wide and black. Short vine (type IIa). Cornell released the line back in the 1970's. Used in soups, stews, and refries.

Green Bean: this long, thin, and purple bean we found to be delicious. Whether harvested as a young pod or a few weeks later, this bean was tender with good flavor.



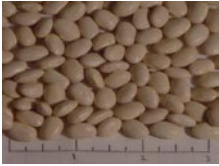
UI-911 (117 days). Plants are 13 inches tall and pods are 3.6 inches long. Beans are small, 0.36 inches long and 0.23 inches wide. A short vine (type IIa) not quite as upright as Midnight, but earlier in some areas. Released by University of Idaho.

Green Bean: overall, the pod of this plant is smaller than the others averaging 7.5 cm long and 1.0 cm wide. This cultivar was somewhat tough-textured with poor flavor. Cooking tenderized the pod.



Black Valentine (new 2005).

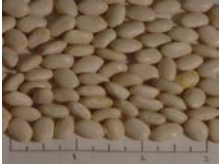
Great Northern



Matterhorn (130 days). Plants are 11 inches tall and beans are 0.7 inches long and 0.3 inches wide. A medium sized white bean, released by Michigan University.



UI 59 (130 days). Plants are 8 inches tall and beans are 0.7 inches long and 0.4 inches wide. A medium sized white bean, a selection from the Great Northern landrace cultivars.



UI 465 (129 days). Plants are 7 inches tall and beans are 0.7 inches long and 0.3 inches wide. A medium sized white bean, recently released by the University of Idaho.



BelNeb-RR-1 (108 days). Plants are 10.8 inches tall and pods are 4.1 inches long. Beans are 0.45 inches long, 0.27 inches wide, and medium sized and white colored.

Green Bean: pod length is about 9.7 cm and the width is 1.2 cm. We did not detect a string in the raw beans, but once cooked, a string was detectable. This cultivar had a fair flavor both raw and cooked.

Great Northern White

Small White/Navy



Arthur (114 days). Plants are 17 inches tall and pods are 3.3 inches long. Beans are 0.33 inches long and 0.22 inches wide. Small white bean from North Dakota State University with wide adaptation, good canner, and BCMV resistant. Upright growth either type II, or I and relatively early.



Navy Bean



Norstar (111 days). Plants are 12.6 inches tall and pods are 3.4 inches long. Beans are 0.34 inches long and 0.23 inches wide. Small white bean from North Dakota State University, wide adaptation, BCMV resistant. Upright growth either type II, or I and relatively early.



Navy Pea (111 days). Plants are 12.8 inches tall and pods are 4.0 inches long. Beans are 0.37 inches long and 0.25 inches wide. Beans are small and white colored.

Green Bean: pods are 7.4 cm long and 1.0 cm wide. We detected some strings and found that when raw, this variety was slightly tough. Cooked, however, it was tender and fair.

White Kidney



Cannellini (117 days) Heirloom.

Plants are 12.9 inches tall and pods are 4.9 inches long. Beans are 0.57 inches long, 0.30 inches wide, large and white colored. Commonly harvested as fresh shell bean (beans harvested when pods have turned yellow but not dry). Used for minestrone soup and stew. Very popular in Italian cooking.



Dwane Baptiste's (112

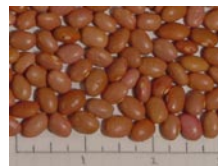
Days). Plants are 16 inches tall and pods are 4.5 inches long. Beans are 0.56 inches long, 0.28 inches wide and white colored.

Pink



UI-537 (110 days). Plants are 11.4

inches tall and pods are 308 inches long. Beans are 0.45 inches long and 0.29 inches wide. Light red-brown bean, high yielding on a short vine plant (type IIIa), root rot tolerant. Currently the main pink variety grown in the Pacific Northwest. Released by University of Idaho.



Pinks (112 days). Plants are

13.5 inches tall and pods are 3.5 inches long. Beans are 0.41 inches long, 0.28 inches wide and pinkish in color.



Pinquito (new 2005) Heirloom.



Marrow Fat (new 2005)

Heirloom.

Dark Red Kidney



H9659-37-2 (107 days). Plants are 15.2 inches tall and pods are 4.5 inches long. Beans are 0.61 inches long, 0.3 inches wide and beans are large and reddish brown in color.

Green Bean: pods are 8.7 cm long and approximately 1.0 cm wide. A string was detected both raw and cooked. Eaten raw, the bean was tough. After cooking, the bean was tender and fair.



Montcalm (112 days). Plants are 13.7 inches tall and pods are 4.6 inches long. Beans are 0.62 inches long and 0.31 inches wide. Large dark red beans commonly used in casseroles, chili, and pork dishes.

Green Bean: pods are 10.8 cm long and 1.2 cm wide. Although strings were present, once cooked we found this variety to be tender and good.



Fiero (112 days). Plants are 14.4 inches tall and pods are 4.5 inches long. Beans are 0.63 inches long, 0.32 inches wide with large dark reddish colored beans.

Green Bean: pods are 11.8 cm long and 1.2 cm wide. Some have strings present and although slightly tough, when eaten raw the bean has good flavor.



Kintoki (104 days). Plants are 14.4 inches tall and pods are 3.7 inches long. Beans are 0.54 inches long and 0.34 inches wide. Large brick-red bean, likely Andean in origin.



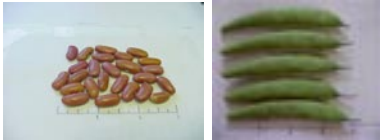
Red Kidney (101 days). Plants are 11.7 inches tall and pods are 4.4 inches long. Beans are 0.66 inches long, 0.31 inches wide and beans are large and red colored.

Light Red Kidney



CELRK (111 days). California Early Light Red Kidney bean. Plants are 13.2 inches tall and pods are 4.7 inches long. Beans are large, 0.63 inches long and 0.32 inches wide. Upright bush with very early maturity. Industry standard, BCMV resistant, curly top susceptible.

Green Bean: pods are 10.5 cm long and 1.4 cm wide. The bean is a bit tough both raw and cooked, but has good flavor.



Blush (106 days). Plants are 12.6 inches tall and pods are 4.9 inches long. Beans are 0.66 inches long, 0.32 inches wide, and large and reddish-pink colored.

Green Bean: this is one of the larger pods averaging 12.9 cm in length and 1.4 cm wide. A string was present. Raw or cooked, we found it to be a tough-textured.

Small Red/Red Mexican



Red Mexican () Heirloom.

Green Bean: pods are 8.4 cm long and 1.0 cm wide. Although some strings were detected, we found this bean to be tender with good flavor.



Kardinal (112 days). Plants are 15.7 inches tall and pods are 4.8 inches long. Beans are 0.62 inches long and 0.32 inches wide. Large red-brown beans adapted to WA. Curly top resistant, BCMV resistant, root rot tolerant. Released by ARS Prosser.

Light Red Kidney



USRM-20 (104 days). Plants are 9.4 inches tall and pods are 3.9 inches long. Beans are 0.49 inches long and 0.32 inches wide. A medium sized dark reddish brown colored bean.

Green Bean: pods are 8.9 cm long and 1.0 cm wide. Some strings were found but with both raw and cooked, we found the beans to be tender and good.



Montezuma Red (108 days). Plants are 11.9 inches tall and pods are 3.6 inches long. Beans are 0.42 inches long and 0.29 inches wide. Small brick red bean on upright plant. Used in chili and baked bean recipes.



NW-63 (111 days). Plants are 11.7 inches tall and pods are 3.7 inches long. Beans are 0.45 inches long and 0.3 inches wide. Small dark red bean, semi-resistant to BCMV, tolerant to root rot, widely adapted. This has been one of the main small red varieties grown in the Pacific Northwest. Released by ARS Prosser in 1973.



LeBaron (106 days). Plants are 11.2 inches tall and pods are 3.7 inches long. Beans are 0.45 inches long and 0.3 inches wide. Small red bean, early maturity, good canner, BCMV resistant. Released jointly by Washington State University and Agricultural Research Service (ARS) Prosser.

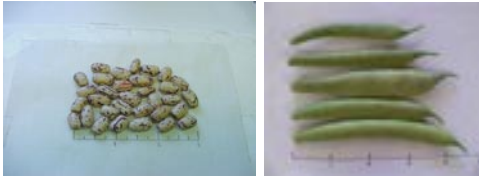
Green Bean: pods are 8.2 cm long and 1.1 cm wide. A string was present in both raw and cooked. We found this variety to have a strong, distinctive flavor.



UI 239 (105 days). Plants are 13.5 inches tall and pods are 4.1 inches long. Beans are 0.41 inches long and 0.32 inches wide, small and dark red.

Green Bean: pods are about 8.0 cm long and 1.0 cm wide. We detected a string and the texture was tough when eaten raw. Cooked, they are tender and fair

Cranberry



95:8186C (113 days). Plants are 10.5 inches tall and pods are 4.6 inches long. Beans are 0.54 inches long and 0.32 inches wide. A buff colored bean with red speckles and streaks.

Green Bean: pods are 8.0 cm in length and 1.0 cm wide. We detected a string and, as a raw bean, we found the texture to be slightly tough and the flavor mild. Cooked, the pods were tender.



Mansell Magic (114 days). Plants are 13 inches tall and pods are 4.0 inches long. Beans are 0.4 inches long and 0.26 inches wide. Large beans, mostly buff background with purple-black streaks throughout, and some beans are completely black-purple.



CO 406960 (99 days). Plants are 12.3 inches tall and pods are 3.9 inches long. Beans are 0.49 inches long and 0.32 inches wide. A medium sized buff colored bean with red speckles and streaks.



Andrew Kent (116 days). Plants are 13.7 inches tall and pods are 4.8 inches long. Beans are 0.61 inches long and 0.36 inches wide. Large beans with buff background and red streaks. Used for fresh shell and dry in soups and baking.



Cardinal (113 days). Plants are 12.6 inches tall and pods are 4.4 inches long. Beans are 0.54 inches long and 0.34 inches wide. Beans have red streaks on a buff background.

Green Bean: pods are long (9.1 cm) and slender (1.1 cm). A string was detected and, eaten raw, they are slightly tough. Cooking, however, tenderized the pods and they have a fair flavor.



Etna (111 days). Plants are 12.1 inches tall and pods are 3.6 inches long. Beans are 0.5 inches long and 0.373 inches wide. Buff colored beans with red streaks. Fresh shell beans have bright red and green pods. Used in soups and in ham dishes.



Speckled Bays (110 days) Plants are 12.3 inches tall and pods are 4.9 inches long. Beans are 0.46 inches long and 0.38 inches wide. Buff colored beans with red streaks.



Celina's Romano (114 days). Plants are 17.8 inches tall and the pods are 4.2 inches long. Beans are large 0.58 inches long and 0.36 inches wide with red streaks on a buff background.



Taylor Horticulture (113 days). Plants are 12.6 inches tall and pods are 4.4 inches long. Beans are 0.51 inches long and 0.36 inches wide. Buff colored bean with red speckles or streaks. Wide adaptation, industry standard. Curly top susceptible, BCMV susceptible.



Tongue of Fire (103 days). Also called *Tierra del Fuego* and *Horto*. Plants are 14.0 inches tall and pods are 4.4 inches long. Beans are 0.56 inches long and 0.33 inches wide. Bi-colored lavender flowers, pods ivory with red splotches that change to purple then to brown as they dry. Beans are large and round, with a buff background and red to purple streaking. Used for baked beans.



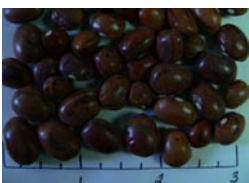
USCR-14 (118 days). Plants are 13.2 inches tall and pods are 4.8 inches long. Beans are 0.58 inches long and 0.35 inches wide. A large buff colored bean with red speckles and streaks.

Green Bean: pods average almost 11.0 cm long and 1.2 cm wide. We did not detect a string and found the raw green bean to be a bit tough with good flavor. After cooking, this bean was tender and very good.



USCR-15 (103 days). Plants are 15.7 inches tall and pods are 4.4 inches long. Beans are 0.54 inches long and 0.31 inches wide. A large buff colored bean with red speckles and streaks.

Green Bean: pod length is approximately 9.0 cm and the width is 1.1 cm. A string was detected and consumed raw, we found this bean to be tough and bitter. After cooking, however, the bean became tender.



Eye of the Goat (new 2005) Heirloom.



Volcano (124 days). Plants are 12.8 inches tall and pods are 3.3 inches long. Beans are 0.43 inches long and 0.29 inches wide. A large buff colored bean with dark reddish-purple speckles and streaks.



Borlotti (new 2005) Heirloom.

Brown or Yellow



Brown Dutch (111 days) Heirloom. Plants are 12.0 inches tall and pods are 3.7 inches long. Beans are 0.50 inches long and 0.30 inches wide. A medium sized brownish yellow bean.

Green Bean: pods are 8.1 cm long and 1.1 cm wide. A string was present and consumed raw, the bean was tough. After cooking, the bean became very tender.



Childer's Golden (115 days). Plants are 11.1 inches tall and pods are 3.3 inches long. Beans are 0.34 inches long and 0.26 inches wide. Small, round beans of a bright golden brown.



Hutterite (113 days) Heirloom. Plants are 13.2 inches tall and pods are 3.9 inches long. Beans are 0.47 inches long and 0.3 inches wide. Beans are oval and buff colored with tint of light yellowish green.



Ireland Creek (106 days) Heirloom. Plants are 15.3 inches tall and pods are 4.2 inches long. Beans are 0.56 inches long and 0.29 inches wide. Beans are large, narrow, and light brownish green in color.



Lake Kivu (110 days). Plants are 15.7 inches tall and pods are 3.4 inches long. Beans are 0.42 inches long and 0.3 inches wide. Beans are oval and greenish yellow in color with a dark red/purple circle around the hilum.



Maefax (103 days). Plants are 13.7 inches tall and pods are 3.3 inches long. Beans are 0.42 inches long and 0.3 inches wide. Beans are medium-large, egg shaped, and bright golden brown.



Norwegian (103 days). Plants are 13.0 inches tall and pods are 4.6 inches long. Beans are 0.50 inches long and 0.27 inches wide. Beans are long and narrow, bright golden brown.



PI 353479 (103 days). Plants are 12.7 inches tall and pods are 3.9 inches long. Beans are 0.56 inches long and 0.30 inches wide. A medium sized, bright lime yellow colored bean.

Green Bean: pods are 9.6 cm long and 1.2 cm wide. Strings were present and we found the texture to be quite tough.



PI 549776 (100 days). Plants are 12.7 inches tall and pods are 3.9 inches long. Beans are 0.55 inches long and 0.31 inches wide. A medium sized, bright lime yellow colored bean.

Green Bean: pods are 11.2 cm long and 1.3 cm wide. We detected strings and found this variety to be tough and fair.



Swedish Brown (124 days) Heirloom. Plants are 12.2 inches tall and pods are 3.5 inches long. Beans are 0.46 inches long and 0.28 inches wide. A medium sized brownish yellow bean.



Zert (110 days). Plants are 12.3 inches tall and pods are 3.9 inches long. Beans are 0.41 inches long and 0.32 inches wide. Beans are round (looks like a soybean) and buff colored, with a hint of light greenish-yellow.



Beka (106 days). Plants are 13.0 inches tall and the pods are 3.3 inches long. Beans are 0.42 inches long and 0.28 inches wide. Golden brown egg-shaped bean on an upright plant.



China Yellow (new 2005) Heirloom.



Indian Woman Yellow (new 2005) Heirloom

Pinto



Quincy (100 days). Plants are 13.5 inches tall and pods are 3.6 inches long. Beans are 0.51 inches long and 0.31 inches wide. A medium sized pinto.



USPT-CBB-1 (112 days). Plants are 10.7 inches tall and pods are 4.8 inches long. Beans are 0.48 inches long and 0.30 inches wide. A medium sized pinto.

Green Bean: pods are 9.2 cm long and 1.2 cm wide. Strings were present and although the texture was slightly tough, when cooked this variety had good flavor.



Jumbo Pinto (new 2005)
Hybrid of 2 heirloom varieties.



Burke (101 days). Plants are 14.4 inches tall and pods are 3.5 inches long. Beans are 0.49 inches long and 0.32 inches wide. A medium sized light brown pinto bean.

Green Bean: pods are 9.7 cm long and 1.5 cm wide. This pinto has a string and can be tough when eaten raw. Cooking tenderizes the bean and the flavor was fair.



Othello (110 days). Plants are 12.7 inches tall and pods are 4.8 inches long. Beans are 0.54 inches long and 0.34 inches wide. A medium pinto bean.



Pinto () Heirloom.

Green Bean: pods are 9.3 cm long and 1.1 cm wide. Some strings were present. After cooking, this variety had good texture and tasted fair.

Soldier



Old Fashioned Soldier (112 days). Plants are 13.4 inches tall and pods are 5.0 inches long. Beans are 0.65 inches long and 0.32 inches wide. Large white kidney-shaped bean with brown/dark red splotch around hilum. Used for stew, soup and baking.



Red Soldier (107 days). Plants are 13.0 inches tall and pods are 4.7 inches long. Beans are 0.59 inches long and 0.29 inches wide. A large white bean with red brown blotch around the hilum.



Soldier (111 days) Heirloom. Plants are 12.2 inches tall and pods are 4.3 inches long. Beans are 0.6 inches long and 0.29 inches wide. A large white bean with red blotch around the hilum.

Green Bean: pods are 12.6 cm long and 1.2 cm wide. Some strings were detected and although tough when raw, when cooked the bean was found to be tender and fair.

Yellow Eye



Maine Yellow Eye (110 days) Heirloom. Plants are 13 inches tall and pod is 3.4 inches long. Beans are 0.46 inches long and 0.30 inches wide. White bean with yellow/bronze splotch around hilum. White flowered.

Green Bean: pods are 7.4 cm long and 1.3 cm wide. Strings were present both raw and cooked. We found this variety to be slightly tough and fair when cooked.



Molasses Face (107 days) Heirloom. Plants are 16.0 inches tall and pods are 3.4 inches long. Beans are 0.47 inches long and 0.31 inches wide. Large round white beans with yellow bronzy color. Used for baking and in soups and stews.

Green Bean: pods are 8.0 cm long and 1.2 cm wide. Strings were detected both raw and cooked. We found this bean to be slightly tough and fair.



Hidatsa Shield Figure (new 2005)

Heirloom.



Snowcap (new 2005)

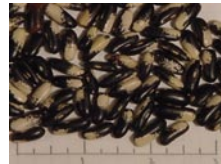
Heirloom.

Black and White



Calypso (124 days) Heirloom. Plants are 10.5 inches tall and pods are 4.5 inches long. Beans are 0.46 inches long and 0.34 inches wide. A white bean with a large blotch around the hilum.

Green Bean: pods are 8.4 cm long and 1.3 cm wide. A string was present and as a raw bean, we found it to be tough. After cooking, the pod became very tender.



Magpie (114 days) Heirloom. Plants are 15.4 inches tall and the pods are 4.9 inches long. Beans are 0.57 inches long and 0.24 inches wide. Half black and half white bean with black speckles in the white area. White flowered.

Green Bean: a long, thin bean, the pods are 12.7 cm long and 1.0 cm wide. A string was detected and we found the beans to be tough and fair.



Orca (115 days). Plants are 12.2 inches tall and pods are 3.7 inches long. Beans are 0.44 inches long and 0.27 inches wide. A small round white bean with black patches and spots. BCMV resistant. Released by ARS Prosser, a cross between a tropical black bean A55 and an Anasazi bean.

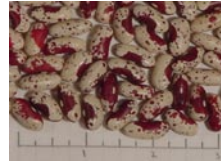
Green Bean: pods are 8.9 cm long and 1.1 cm wide. There were no strings present. Eaten raw, this variety seemed slightly tough. After cooking, we found it to be tender and fair.



Stevenson Blue Eye

(124 days). Plants are 11.1 inches tall and pods are 4.4 inches long. Beans are 0.39 inches long and 0.25 inches wide. A white bean with a large blotch around the hilum.

Jacob's Cattle



Trout/Jacobs Cattle (108 days) Plants are 12.1 inches tall and pods are 5.4 inches long. Beans are 0.62 inches long and 0.30 inches wide. White kidney-shaped bean with dark red patch around hilum and red speckles throughout. Used for soups and baking, also good for fresh shell beans.

Other



CO 32977 (113 days). Plants are 15.6 inches tall and pods are 5.1 inches long. Beans are 0.61 inches long and 0.28 inches wide. A medium sized red bean with white blotches.



CO 32948 (111days). Plants are 13.4 inches tall and pods are 3.1 inches long. Beans are 0.44 inches long and 0.25 inches wide. A medium sized red bean with white blotches.



Speckled Brown Cow (new 2005) Heirloom.



Peruano (new 2005) Heirloom.



G18689 (Carioca-type) (101 days). Plants are 15.6 inches tall and pods are 3.3 inches long. Beans are 0.38 inches long and 0.25 inches wide. A small bean light brown with darker brown stripes. Introduced by ARS Prosser, selected from a Brazilian landrace.



Mrocumiere (109 days). Plants are 16.9 inches tall and pods are 4.1 inches long. Beans are 0.50 inches long and 0.35 inches wide. Beans are kidney-shaped, mottled purple. Very attractive and uncommon color.



Amish Knuttle (106 days). Plants are 12.4 inches tall and pods are 3.0 inches long. Beans are 0.35 inches long and 0.24 inches wide. A small beautiful cream and dark red colored bean.



Peregrin

Green Bean: pods are 8.1 cm long and 1.0 cm wide. Some of the beans had strings. After cooking, we found this variety to be slightly waxy with good flavor.



PI 549794 (109 days). Plants are 15.1 inches tall and pods are 4.6 inches long. Beans are 0.55 inches long and 0.35 inches wide. A small tan colored bean with black stripes.



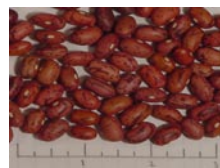
Royal Burgundy



Serene (123 days). Plants are 13.6 inches tall and pods are 3.9 inches long. Beans are 0.53 inches long and 0.3 inches wide. Large beans, gray-purple background with purple-black streaks throughout.



Candy (111 days). Plants are 15.9 inches tall and pods are 5.0 inches long. Beans are large 0.69 inches long and 0.33 inches wide with dark red streaks on a light red/purple background.



Vermont Cranberry (106 days). Plants are 12.1 inches tall unsupported, and pods are 4.5 inches long. Beans are 0.52 inches long and 0.36 inches wide. Beans are light red with dark red speckles. Bright red mottled pods on viney plants.



Red Calypso (new 2005)

Heirloom.



Autumn Bounty (new 2005)

Heirloom.



5-593p gri (106 days). Plants

are 10.3 inches tall and pods are 3.7 inches long. Beans are 0.53 inches long and 0.32 inches wide. A small gray bean.



5-593Cu+ (150 days). Plants

are 12.4 inches tall and pods are 4.2 inches long. Beans are 0.37 inches long and 0.26 inches wide. A small tan bean.

Flageolet



Nugget (112 days). Plants

are 13.2 inches tall and pods are 4.4 inches long. Beans are 0.53 inches long and 0.26 inches wide. A medium sized white colored bean.



French Flageolet (119 days). Plants

are 12 inches tall and pods are 4.5 inches long. Beans are 0.51 inches long and 0.24 inches wide. Beans are long and slender and creamy white with a touch of green in color. Most commonly used as fresh-shelled beans.



French Shell Flambeau (125

days). Plants are 13.5 inches tall and pods are 4.6 inches long. Beans are 0.51 inches long and 0.25 inches wide.

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