

Hopi Black Pinto Bean - PC18

Native Seed SEARCH Gardener Network - Darrol Shillingburg - Grower - Las Cruces, New Mexico - 2005

Catalog No/Crop name: PC18 Hopi Black Pinto

Date planted: 8/06/05

Date transplanted into garden (if applicable): direct

Date of 1st germination: 8/14/05

No. seeds planted 45 No. seeds germinated (date): 40 (8/17/05)

Did the crop receive full sun, partial sun, or full shade? Partial sun - shaded by companion plantings

Date of first flower: 9/04/05 Date of 50% flowering: not recorded

Date first fruit produced: not recorded

What color are the flowers? Lavender and/or white

Do the dry pods have any markings? Light purple stripy mottling

Date of first dry pods: not recorded (see comments)

How tall is the plant at maturity? 3-4 ft.

Date of 1st harvest: green beans 9/30/05

Date of last harvest: 11/19/05 - some frost damage 11/15/05

Total weight (or number) of fruit produced throughout the season: not recorded - see comments

What form was the plant (viney, sprawling, compact bush, etc)? a viney, sprawling bush that will climb

Did you provide a trellis or some support? How? Tree branches stuck in ground and growing amaranth

How do the immature, green pods taste? Sweet and wonderful Were they stringy? no

How do the cooked (dry) beans taste? None to eat - see comments

Are they easily shelled? yes

Were the plants subject to any unusual or particularly harsh weather (hail, hard rain, early frost or freezing etc.)? When? How did they fare? One heavy rain, but no harsh weather.

Were there any problems with disease, fungus, insects, or other pests? How did plants respond? Did you use anything to treat the problem? How well did it work? I had no insect or disease problems, in spite of growing in the shade.

Please provide an overall description of how you grew this crop, including a brief description of how you watered (hose, drip, rain only, etc.) and about how often (i.e., did it experience some drought, weekly soakings), whether it needed trellising, was it intercropped and with what, did it need extra shade, did the grasshoppers seem to like it particularly, etc.

Planted two days after a hard rain (1" total). Planted on a 6"- 6" grid and inter-planted with Red Amaranth.

The planted bed has ¼" buried soaker drip lines and I watered occasionally with an overhead sprinkler.

This is a very drought tolerant, but not shade tolerant bean. I inter-planted them with Red Amaranth in a block and got very good amaranth growth and very poor bean production. The idea was to use amaranth as a growth support for the climbing beans - the shade got in the way. Planting that combination in an east-west oriented row would have worked better.

I will plant them again next year, but give them more sun. The yield was so low that I only have seed for next year.

Darrol Shillingburg
Las Cruces, NM 88007
2005 growing season



Bean Bed - 8/17/05



Bean with Amaranth - 8/24/05



Bean with Amaranth - 9/07/05



Blossoms - 9/07/05

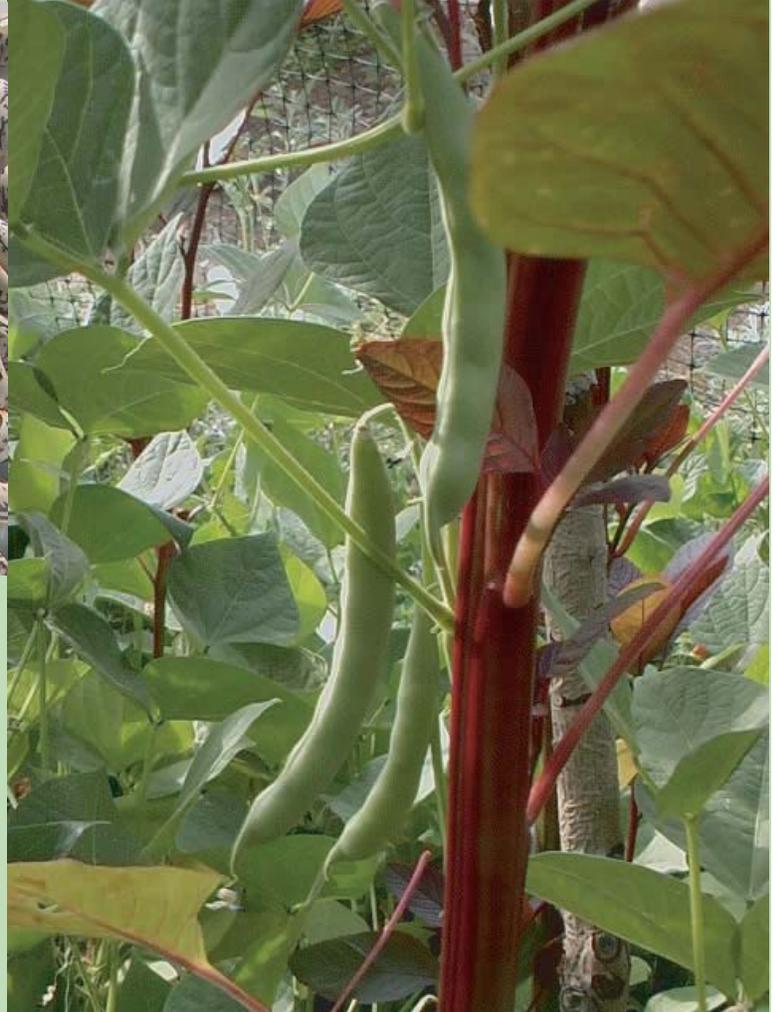
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Additional Photographs - PC18 - Hopi Black Pinto Bean



Dry Hopi Black Pinto Beans



Green Pods - 9/20/05



Measured Leaf