

29/10/62

Planted bean seed at Glenorchy on property of Noel Roberts. This plot is in front of a cottage about 100 yards west of Clydesdale St. south and west of Noel Roberts house. Rows run east to west and are labeled A, B, C, etc. starting at north and continuing south. 22 hills per row. Hill numbers start at east and continue to west end of row.

Row	Beans per hill	Seed Description	Source of Seed
A	5	Hawaiian tan	Crop 1961-2, North Row reversed vines,
B	6	Hawaiian black	47 Crop 61-2, North Row } Black Beans 34 Goodspeed 1961 } from Tan seed 51 " 1960 } Normal Vines
C	3	Hawaiian black 12 west hills 10 east hills	Crop 1961-2 South Row. Reversed vines } Black Beans Normal vines } from Black seed
D	5	Scarlet Runner (Red + White flowers) Black + Tan	Crop 1961-2 South Row. Black + Tan seed
E	5	Scarlet Runner (Red + White flowers) Tan + Black	Crop 1961-2 North Row. Tan + Black seed
F	2	Scarlet Runner (Red + white flowers) Color reversed Tan + Black	Crop 1961-2 North Row. Tan + Black seed.
G	3	Hawaiian Jet Black	Crop 1961-2 North row normal vines (over)

20/11/62 Planted following seeds. An insecticide powder was added to each hill to stop wireworms. Hills were watered before placing beans and after covering with $\frac{1}{2}$ " to 1" soil.

Row	Hills	Beans	Seed Description	Source of Seed
H	21	6	Hawaiian Tan	Crop 1961-2, North Row, Reversed Vines
A	←24→		" " " " " " " "	Placed in positions of few plants
J	17 West	6	Hawaiian Black =	} Crop 1961-2
	4 East	6	Hawaiian Half Black + Half Tan	
B	←24→		" " " " " " " "	Placed in positions of few plants
K	19	6	Scarlet Runner Tan + Black	Crop 1961-2, North Row, Tan + Black Seed
E	←36→		" " " " " " " "	Placed in positions of few plants
22/11/62 Planted X-Rayed seeds put to soak on 20/11/62.				

L Hills 4-8 = 14 beans 10000 R } Hawaiian Tan Crop 1961-2
 " 9-13 = 8 " 5000 R
 " 14-18 = 5 " 2500 R

M Hills 2-6 = 14 beans 10000 R } Scarlet Runner, (Red + White flowers)
 " 7-11 = 8 " 5000 R } Tan + black, Crop 1961-2
 " 12-16 = 5 " 2500 R

N Hill 11 = 14 beans 10000 R } Scarlet Runner (Red + White flowers)
 Hills 1-4 = 14 " " } Black + Tan, Crop 1961-2
 " 5-9 = 8 " 5000 R
 " 10-14 = 5 " 2500 R

D ←60→ Scarlet Runner Black + Tan Placed in positions where no plants

12/11/62 Beans are beginning to sprout. Cut the grass away from hills near edge of field. Put out a lot of green anti snail powder and pellets. Watered. A few beans were eaten underground by a fine black worm with hard shell. Cutworm? Wireworms!

18/11/62 A few more beans have come up. They are having a difficult time coming thru the hard clay dried at surface. I took the chunks of dirt off tops of several hills. This may help. Hoed more weeds between rows and around edges. The ground is quite damp at a half inch to an inch below surface. Put out more green snail pellets. Crop looks to be pretty poor. Only about a quarter of beans planted came up.

19/11/62. 8am. Put following beans to soak in water

150 Scarlet Runner (red + white flowers) Tan + black

150 Hawaiian standard

80 Hawaiian Black

60 Hawaiian half black and half standard.

20/11/62 6pm. Planted seeds of 19/11/62 in rows H, J, K.

22/11/62 Planted X-Rayed seeds in rows L, M, N.

25/11/62 Existing plants growing to about 3" to 5" high.

No new plants yet of seeds put in on 20 + 22/11/62.

Hoed few remaining weeds. Put down more Defender and Clordane powder. Ground quite wet underneath.

4/12/62 Original plants are 3" to 8" high. Seeds planted on 20/11/62 are just sprouting and some are 2" high.

4/12/62 Seeds planted 22/11/62 are beginning to come up also.
Quite a lot of 2500R class and some of the 5000R
class. Very few 10,000R class. Most of these come up
are barely visible to an inch high.

Hoed weeds, put down more snail & slug powder,
both green & white.

9/12/62 Examined beans. They are growing slowly. Put
down more slug powder & snail pellets. The inverted
color seed does not produce as strong plants as standard
coloured either on first or second planting.

16/12/62 Hoed weeds & put down more snail pellets.

18/12/62 Put in about 20 poles & tied up some vines.

19/12/62 " " " 20 " & " " more "

21/12/62 " " " 20 " & " " " "

Most of last planting ^{22/11/62} of X-Ray beans are up and have
leaves. a few plants in rows D & E already have
flower buds. The X-Rays had little effect on the
Scarlet Runner beans. Practically none were killed at 2500R,
a few at 5000R and about half at 10,000R.

24/12/62 Put in about 20 poles & tied up all vines.

26/12/62 Put in about 20 poles

30/12/62 Mick Taylor put in about 20 more poles. I tied up
the vines. Portions of 5000R plants doing well; 10,000R plants
doing poorly.

31/12/62 Hoed weeds at south half of plot.
Discovered white flowers row G positions 1 & 20,
about 10% of plants in rows D, E, F have pure red flowers.

1/1/63 Had rest of weeds so nice clean patch now.
Put marking strings at base of plants with white
flowers in row G, position 1, one plant; position 20, two plants.
Put marking strings at base of plants with pure red flowers,
Row F, position 9, one plant;

Row E, position 5, one plant; position 16, one plant;

Row D, position 10, one plant; position 4, one plant.

3/1/63 The marked plants in row G at positions 1 and 20 now
have several yellow flowers. at position 1 there is a yellow
and a white flower in same group less than an inch apart.
My vines are very poor, probably two months behind
those of Noel Roberts at Tolop Rd. His ground is
also much better with not the sticky clay I have.

6/1/63 Mack Taylor put in another 25 poles. I tied up all
vines. Most are going fairly well. The stunted plant
position 13 row G also has some yellow + white flowers.

9/1/63 a few small beans are appearing in rows A, + B + C.

13/1/63 Turned all vines except rows D + M. Had weeds at
south end. Plant at position 13 row G still has some white flowers.

20/1/63 Turned vines again. Progress rather irregular. Wind
of past two days broke + unwound many runners. Plant at
position 13 row G + others blown over. Some purple pods ^{A+B} rows.

24/1/63 Hoed weeds around bean poles, but not in rows yet. The plants in rows A + B are beginning to mature and change color. Growth has nearly ceased. Very poor lot. Most are less than 3ft high.

25/1/63 Pruned, twined and tied up all vines in rows A thru J. The last three rows are doing poorly. Noticed pods in row G position 1 are very light green with yellow tinge + no purple markings. Quite a lot of purple pods in rows A, B, C.

28/3/63 Twined + tied up vines on last three rows to south K, L, M. Hoed about half the weeds between the rows. There are a number of plants with pure red flowers in rows J, L, M. These should be marked with string for future reference.

1/2/63 Twined + tied up vines rows A thru G

14/2/63 Hoed weeds rows A thru G. Twined + pruned vines rows E, F, G. One plant row G position 20 has pods with beautiful crimson streaks. a second string band was put at base of stalk.

15/2/63 Hoed weeds rows H thru N. Pruned + twined vines in rows H, J, K. Took photos of flowers, and pods with crimson markings + standard pods.

17/2/63 Pruned + twined rows A, B, C + L, M, N. The former have about completed growth + may be harvested in a few weeks.

- 3/3/63 Pruned + twined vines in rows A thru G.
Harvested some seed from rows A thru C.
- 4/3/63 Pruned + twined vines in rows H thru N.
Harvested some seed from rows G + H. The several pods which had crimson markings are nearly dried out and should be harvested soon. Position G 20 day.
- 7/3/63 Harvested the special pods with crimson markings.
- 19/3/63 Plants show little growth. Tied up a few straggling runners. Harvested some beans from rows H, J, L. The plants at G 20 now have one pod about 2 ft above ground that shows some red markings, also one ^{large} pod on east side near ground which is nearly pure yellow. More pods may be harvested in a weeks time. The scarlet runner plants are beginning to show a few dried pods but not enough to harvest.
- 7/4/63 Harvested more pods on rows A, B, C, G, H. Most of Hawaiian type are mature and about half of scarlet runner.
- 16/4/63 Harvested more pods on rows D, G, J, K, L, N.
No more growth because of cool weather. Slow drying.
- 25/4/63 Harvested more of rows A, B, F, G, H, J.
Water sprinkler has disappeared. It was on cabbage patch just south of my beans on 16th.
- 26/4/63 Harvested 90% of pods on row E. Only a few green pods were left on vines. Harvested all pods on row D. Three levels lumped all positions or 2 : (over)

26/4/63 (a) Under 1 foot, (b) 1 to 4 feet, (c) Over 4 feet,
Recovered sprinkler + hose. Took these to Stowell

Next vines need harvesting are K, M, N.

5/5/63 Harvested pods from most of row K + row F.

6/5/63 Harvested rest of row K and all of row M

24/5/63 Harvested rest of rows B, C, F, H, J, L, N.

2/6/63 Harvested rest of rows A, E. Only a few pods remain on row D

3/6/63 Harvested final pods on row D. Pulled up all
pegs and poles. Pegs taken to Bothwell. Poles
tied in bundles of 20 each and stored behind
the case shed at Stowell. Eleven bundles of
long poles and one bundle of short poles,

Soaked from 8 am on 19/11/62 to 6 pm on 20/11/62

150 Scarlet Runner Tan & Black

150 Hawaiian Tan & Black

80 " Black & Tan

~~60~~ " Half Black & Tan plus half Tan & Black

20/11/62 Planted with Insecticide in hill,

Row A, 21 hills of 6 beans each Hawaiian Tan & Black
Remainder in Row A.

Row J, 17 hills of 6 beans each " Black & Tan (West)

4 " of 6 " " " half Black & Tan +
half Tan & Black (East)

Put rest in row B these are half tan & half black.

Row K 19 hills of 6 beans each Scarlet runner Tan & Black

Put rest in row E where plants were absent

Soaked from 8 am on 20/11/62 to 6 pm on 22/11/62

Row L Hawaiian standard 15 hills.

East 5 hills 5 beans 2500 R, Center 5 hills 8 beans 5000 R,

West 5 hills 14 beans 10000 R.

Row M Scarlet runner tan ^{+black} 15 hills,

East 5 hills 5 beans 2500 R, Center 5 hills 8 beans 5000 R,

West 5 hills 14 beans 10000 R

Row N Scarlet runner black & tan 14 hills.

East 5 hills 5 beans 2500 R, Center 5 hills 8 beans 5000 R, West

4 hills 14 beans 10000 R, also Most western position row M.

(over)

Planted about 60 more beans in row D which
no plants came up.

~~Mod Reports 78219~~

(A) ~~West row 5 tan & black~~

Hawaiian 22 hills Row A to West

(A) ~~West row~~ 5 tan ^{beans from tan seed} from Crop 1961-2 North row reversed

(B) 6 black normal 34 from Goodspeed 1961
beans from tan 51 " " 1960
seed normal 67 " Crop 1961-2 North row ~~normal~~
132 } Black beans from tan seed

(C) 3 black beans from black seed. Crop 1961-2 South row
West ~~12~~ 12 hills reversed
East 10 hills normal - ~~5~~ beans

(D) 5 Scarlet Runner (Red & White Flowers)
~~Black & Tan~~ beans from Black & Tan seed Crop 61-2

(E) 5 Tan & Black beans from Tan & Black seed Crop 61-2

(F) 2 Color Reversed Tan & Black beans from Tan & Black
seed crop 1961-2

(G) 3 Jet Black Hawaiian Normal Jet Black ⁰²¹ beans
from Tan seed Crop 1961-2 ₂₂ ₆₈