



AVRDC-GRSU CHARACTERIZATION RECORD SHEET

Crop: *Phaseolus* spp.
(Snap bean, Tepary bean, Scarlet runner bean, Kidney bean)

Plot No. : _____ Accession No. : _____

Sowing Date: _____ Name: _____

Transplanting Date: _____ Species: _____

Location: _____ Origin: _____

VEGETATIVE DATA

Ph01 Germination period (no. of days from sowing to first germination) _____

Ph02 Hypocotyl color _____
3 = Green 5 = Purple 7 = Green- purple

Ph03 Length of primary leaf (cm) _____

Ph04 Width of primary leaf (cm) _____

Ph05 Growth habit _____
1 = Determinate
2 = Indeterminate semi- climber
3 = Indeterminate climber
X = Mixture

Ph06 Stem color _____
1 = Green 5 = Greenish- purple 7 = Purple 9 = Dark- purple X = Mixture

Ph07 Leaf pubescence _____
0 = None 3 = Few 5 = Mid 7 = Heavy 9 = Very heavy

Ph08 Length of tip leaflet (cm) _____

Ph09 Width of mid leaflet (cm) _____

Ph10 Leaflet shape (see Figure 1.) _____

- 1 = Round 2 = Ovate 3 = Ovate lanceolate
4 = Lanceolate 5 = Hastate

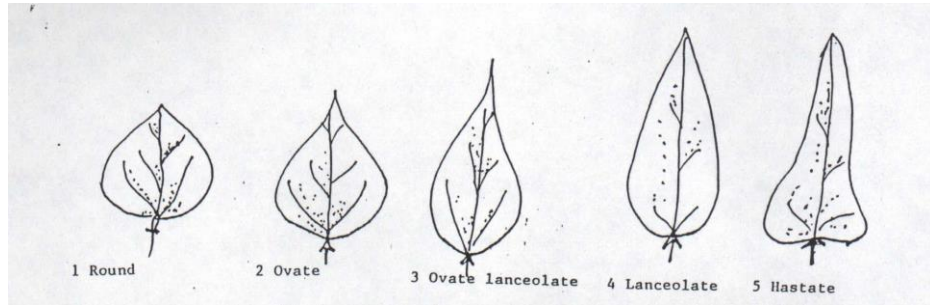


Figure 1. Leaflet shape

INFLORESCENCE DATA

Ph11 Days to flowering (no. of days from sowing to 50% with inflorescence) _____

Ph12 Flower color _____

- 1 = White 2 = Yellow 3 = Light purple
4 = Blue 5 = Red 6 = Dark purple
7 = Orange-red 8 = Pink 9 = Violet

Ph13 Pedicel length (mm) _____

Ph14 Peduncle length (mm) _____

FRUIT DATA

Ph15 Days to first mature pod _____

Ph16 Pigment of immature pod pattern _____

- 0 = None 1 = White 2 = Red
3 = Brown 4 = Purple 5 = Other (specify) _____
X = Mixture

Ph17 Pod length (cm) _____

Ph18 Number of locules per pod _____

Ph19 Pod curvature (see Figure 2.)

1 = Straight 5 = Slightly curved 7 = Curved 9 = Recurving
 X = Mixture

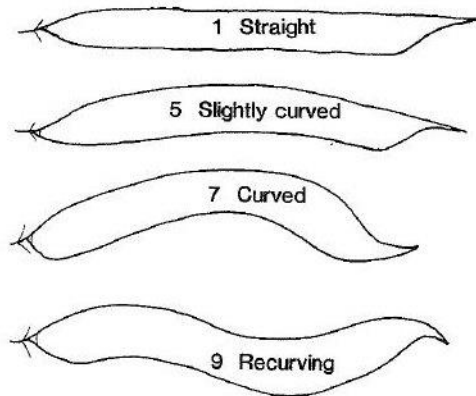


Figure 2. Pod curvature

SEED DATA

Ph20 Seed color

- | | |
|-------------------------------------|-------------------------------------|
| 1 = Black | 2 = Green |
| 3 = Brown, pale to dark | 4 = Purple white |
| 5 = Gray, brownish to greenish | 6 = Yellow to greenish yellow |
| 7 = Red | 8 = Purple |
| 9 = Other (specify) _____ | 10 = White |
| 11 = Gray with purple marble | 12 = Light brown with violet marble |
| 13 = Purple with light brown marble | 15 = Violet with white marble |
| 14 = Light brown | 17 = Light brown with purple marble |
| 16 = Pink with brown marble | 19 = Red with violet marble |
| 18 = Dark violet | 22 = Light brown with black marble |
| 20 = Light brown with brown marble | |
| 21 = Deep red | |

Ph21 Seed shape (see Figure 3.)

- | | | |
|-------------------|--------------------------|------------|
| 1 = Round | 2 = Oval | 3 = Cuboid |
| 4 = Kidney shaped | 5 = Truncate fastigiated | |

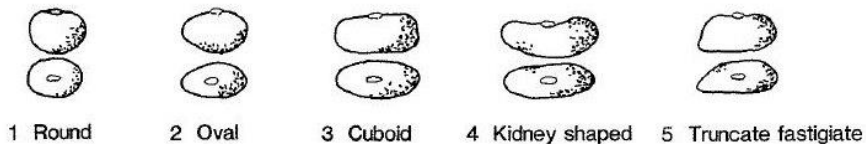


Figure 3. Seed shape

Ph22 Testa texture

- 3 = Smooth 5 = Moderately 7 = Maskedly ridged

Ph23 Hilum color

- 1 = Brown 3 = Black 5 = Purple 7 = Other (specify) _____
 9 = White

- Ph24** 100 seeds weight (gm; at moisture content 12-14%) _____

- Ph25** Seed length (mm) _____

- Ph26** Seed width (mm) _____

- Ph27** Seed thickness (mm) _____

- Ph28** Seed number per mature pod _____

