



WORLDVEG-GRSU CHARACTERIZATION RECORD SHEET

Crop: *Vigna unguiculata* (Yard-long bean & Cow pea)

Plot No. : _____ Accession No. : _____

Sowing Date: _____ Name: _____

Transplanting Date: _____ Species: _____

Location: _____ Origin: _____

VEGETATIVE DATA

- VU01** Germination period (no. of days from sowing to first germination) _____
- VU02** Growth habit _____
3 = Twining 5 = Erect
- VU03** Stem color _____
3 = Green 5 = Greenish- purple 7 = Purple
9 = Dark purple X = Mixture
- VU04** Leaf color _____
3 = Pale green 5 = Intermediate 7 = Dark green
- VU05** Leaflet shape _____
1 = Round 3 = Ovate 5 = Ovate lanceolate
7 = Lanceolate 9 = Lineate

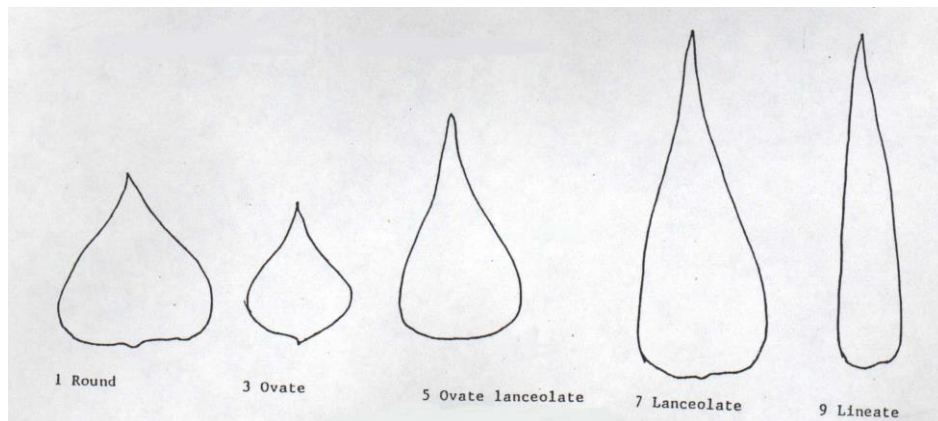


Figure 1. Leaflet shape

INFLORESCENCE DATA

- VU06** Days to flowering _____
- VU07** Raceme position _____
1 = Mostly above canopy 2 = In upper canopy
3 = Throughout canopy 4 = In lower canopy
- VU08** Flower color _____
1 = White 2 = Violet 3 = Mauve- pink X = Mixture

FRUIT DATA

- VU09** Days to first mature pods _____
- VU10** Pod attachment to peduncle _____
3 = Pendant 5 = 30 ~ 90° down from erect 7 = Erect
- VU11** Immature pod pigmentation _____
0 = None 1 = Pigmented tip 2 = Pigmented sutures
3 = Pigmented valves, green sutures 4 = Splashes of pigment
5 = Uniformly pigmented X = Mixture
- VU25** Immature pod color _____
1 = Green 2 = Light green 3 = Red 4 = Purple
5 = Green with purple mottled
6 = Light green with splash of pigment
X = Mixture
- VU12** Pod curvature _____
0 = Straight 3 = Slightly curved 5 = Curved 7 = Coiled
- VU13** Mature pod length (cm) _____

- VU14** Mature pod width (mm) _____

- VU15** Mature pod color _____
1 = Pale tan or straw 2 = Dark tan
3 = Dark brown 4 = Black or dark purple
5 = Pale tan with brown mottled 6 = Pale tan with purple mottled
X = Mixture
- VU16** Number of locules per pod _____

VU17 Number of pods per peduncle _____

VU18 Number of pods per plant _____

SEED DATA

VU19 Seed color _____
 1 = White 2 = Red 3 = Brown 4 = Black
 5 = Brown & tan 6 = Brown with whitish color at one end (upper portion)
 7 = Red with whitish color at one end 8 = Tan
 9 = Red with brown mottled 10 = Tan with black saddle
 11 = Black with whitish color at one end 12 = Tan with brown saddle
 13 = Tan with black mottled 14 = Tan with brown mottled
 15 = Grey 16 = Purple
 17 = Greyed red (179) 18 = Tan with purple mottled
 X = Mixture 19 = Tan with purple saddle

VU20 Seed shape _____
 1 = Kidney 2 = Ovoid 3 = Crowder 4 = Globose 5 = Rhomboid
 X = Mixture

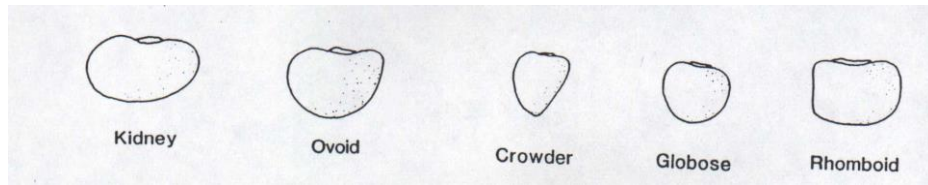


Figure 2. Seed shape

VU21 Eye color _____
 0 = Eye absent 1 = Brown splash or grey 2 = Tan brown
 3 = Red 4 = Green 5 = Blue to black
 6 = White X = Mixture

VU22 Seed length (mm) _____

VU23 Seed width (mm) _____

VU24 100 seeds weight (gm) _____
