

## AVRDC-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

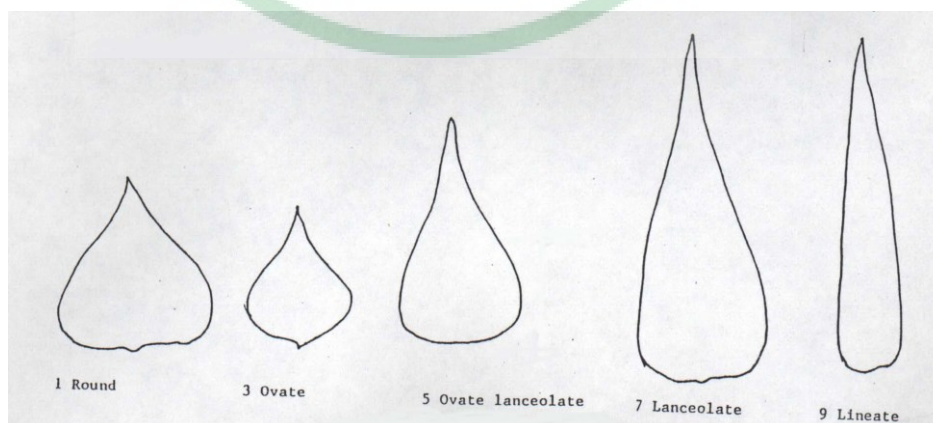


Figure 1. Leaflet shape

**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  
X = Mixture

VU20 Seed shape \_\_\_\_\_  
1 = Kidney      2 = Ovoid      3 = Crowder      4 = Globose      5 = Rhomboid

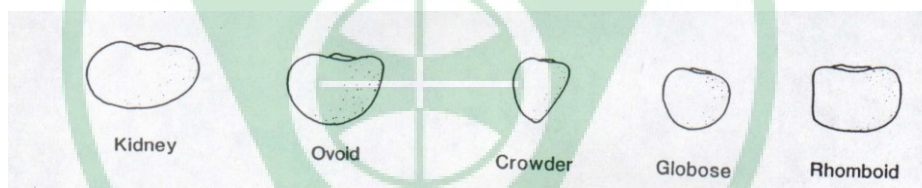


Figure 2. Seed shape

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

VU22 Seed length (mm) \_\_\_\_\_  
\_\_\_\_\_

VU23 Seed width (mm) \_\_\_\_\_  
\_\_\_\_\_

VU24 100 seeds weight (gm) \_\_\_\_\_  
\_\_\_\_\_