



## AVRDC-GRSU CHARACTERIZATION RECORD SHEET

Crop: *Moringa spp.*  
 Plot No. : \_\_\_\_\_ Accession No. : \_\_\_\_\_  
 Sowing Date: \_\_\_\_\_ Name: \_\_\_\_\_  
 Transplanting Date: \_\_\_\_\_ Species: \_\_\_\_\_  
 Location: \_\_\_\_\_ Origin: \_\_\_\_\_

### SEEDLING DATA

**Mor01** Germination period (no. of days from sowing to first germination) \_\_\_\_\_

**Mor02** Cotyledon Color \_\_\_\_\_  
 1 = Light green      3 = Green      5 = Purplish green  
 7 = Purple      9 = Dark purple

**Mor03** Hypocotyl color \_\_\_\_\_  
 1 = Light green      3 = Green      5 = Purplish green      7 = Purple

### VEGETATIVE DATA

**Mor04** Growth habit \_\_\_\_\_  
 1 = Compact      2 = Intermediate      3 = Tall (Erect)

**Mor05** Plant height (cm) (at flowering stage) \_\_\_\_\_  
 \_\_\_\_\_

**Mor06** Tripinnatum leaf length (cm) \_\_\_\_\_  
 \_\_\_\_\_

**Mor07** Tripinnatum leaf width (cm) \_\_\_\_\_  
 \_\_\_\_\_

**Mor08** Leaf type \_\_\_\_\_  
 1 = Simple      2 = Compound

**Mor09** Leaf arrangement \_\_\_\_\_  
 1 = Opposite      2 = Alternate      3 = Pinnate      4 = Palmate

**Mor10** Leaflet shape \_\_\_\_\_  
1 = Simple 2 = Compound

**Mor11** Leaflet arrangement \_\_\_\_\_  
1 = Opposite 2 = Alternate 3 = Pinnate 4 = Palmate

**Mor12** Number of secondary rachis \_\_\_\_\_  
\_\_\_\_\_

**Mor13** Leaf Color \_\_\_\_\_  
1 = Light green 3 = Green 5 = Dark green

**Mor14** Leaf flavor \_\_\_\_\_  
1 = Bitter 3 = Normal 5 = Strong

**Mor15** Tripinnatum leaflet length (cm) \_\_\_\_\_  
\_\_\_\_\_

**Mor16** Tripinnatum leaflet width (cm) \_\_\_\_\_  
\_\_\_\_\_

**Mor17** Petiole pigmentation \_\_\_\_\_  
1 = Green 3 = Dark Green 5 = Purple 7 = Dark Purple

**INFLORESCENCE DATA**

**Mor18** Days to flowering (from sowing to 50% with inflorescence) \_\_\_\_\_

**Mor19** Flower Color \_\_\_\_\_  
1 = White 2 = Cream

**Mor20** Flower aromatic \_\_\_\_\_  
1 = Weak 5 = Intermediate 7 = Strong

**Mor21** No. of Petals \_\_\_\_\_  
\_\_\_\_\_

**Mor22** Petal length (cm) \_\_\_\_\_  
\_\_\_\_\_

**Mor23** Petal width (cm) \_\_\_\_\_  
\_\_\_\_\_

- Mor24** Sepal length (cm) \_\_\_\_\_
- \_\_\_\_\_
- Mor25** Sepal width (cm) \_\_\_\_\_
- \_\_\_\_\_
- Mor26** No. of Sepals \_\_\_\_\_
- \_\_\_\_\_
- Mor27** Height of Pistil (cm) \_\_\_\_\_
- \_\_\_\_\_
- Mor28** Height of Stamen (cm) \_\_\_\_\_
- \_\_\_\_\_

**FRUIT DATA**

- Mor29** Pod Color \_\_\_\_\_
- 1 = Green    2 = Greenish brown    3 = Brown
- Mor30** Pod length (cm) \_\_\_\_\_
- \_\_\_\_\_
- Mor31** Pod width (cm) \_\_\_\_\_
- \_\_\_\_\_
- Mor32** Number of seeds per pod \_\_\_\_\_
- \_\_\_\_\_

**SEED DATA**

- Mor33** Seed Color \_\_\_\_\_
- 1 = Brown    2 = Dark brown
- Mor34** 1000 seeds weight (gm) \_\_\_\_\_
- Mor35** Pollen fertility \_\_\_\_\_
- \_\_\_\_\_