



## AVRDC-GRSU CHARACTERIZATION RECORD SHEET

Crop: *Trichosanthes* spp. (Snake gourd)  
 Plot No. : \_\_\_\_\_ Accession No. : \_\_\_\_\_  
 Sowing Date: \_\_\_\_\_ Name: \_\_\_\_\_  
 Transplanting Date: \_\_\_\_\_ Species: \_\_\_\_\_  
 Location: \_\_\_\_\_ Origin: \_\_\_\_\_

### SEEDLING DATA

**Tri01** Germination period (no. of days from sowing to first germination) \_\_\_\_\_  
**Tri02** Cotyledon color \_\_\_\_\_  
           3 = Green   5 = Other (specify) \_\_\_\_\_  
**Tri03** Cotyledon size \_\_\_\_\_  
           3 = Small   5 = Medium   7 = Large

### VEGETATIVE DATA

**Tri04** Leaf blade shape \_\_\_\_\_  
           3 = Round   5 = Cordate  
**Tri05** Leaf blade lobbing \_\_\_\_\_  
           3 = Weak   5 = Intermediate   7 = Strong  
**Tri06** Leaf blade margin \_\_\_\_\_  
           3 = Repand   5 = Between serrate to dentate  
**Tri07** Leaf blade tip \_\_\_\_\_  
           3 = Obtuse   5 = Acute  
**Tri08** Leaf length (cm) (measure at 7th or 8th leaf from the bottom on main stem) \_\_\_\_\_  
 \_\_\_\_\_  
**Tri09** Leaf width (cm) (measure at 7th or 8th leaf from the bottom on main stem) \_\_\_\_\_  
 \_\_\_\_\_

**Tri10** Number of lobe (measure at 7th or 8th leaf from the bottom on main stem) \_\_\_\_\_  
\_\_\_\_\_

**Tri11** Plant growth habit \_\_\_\_\_  
3 = Bushy 5 = Intermediate 7 = Prostrate

**INFLORESCENCE DATA**

**Tri12** Days to flowering (female) \_\_\_\_\_

**Tri13** Ovary length (cm) (select ovary just after flowering) \_\_\_\_\_  
\_\_\_\_\_

**Tri14** Ovary width (cm) (select ovary just after flowering) \_\_\_\_\_  
\_\_\_\_\_

**Tri15** Ovary shape \_\_\_\_\_  
3 = Round 5 = Elliptic 7 = Elongated 9 = Bottle shaped

**FRUIT DATA**

**Tri16** Days to harvesting at commercial stage \_\_\_\_\_

**Tri17** Fruit color at commercial stage \_\_\_\_\_  
1 = Green 3 = Pale green 5 = Light green 7 = Dark green 9 = Cream

**Tri18** Fruit weight (gm) (measure at commercial stage) \_\_\_\_\_  
\_\_\_\_\_

**Tri19** Fruit length (cm) (measure at commercial stage) \_\_\_\_\_  
\_\_\_\_\_

**Tri20** Fruit width (cm) (measure at commercial stage) \_\_\_\_\_  
\_\_\_\_\_

**Tri21** Fruit wall thickness (cm) (measure at commercial stage) \_\_\_\_\_  
\_\_\_\_\_

**Tri22** Number of locules \_\_\_\_\_  
\_\_\_\_\_

- Tri23** Days to harvesting at physiological (mature) stage \_\_\_\_\_
- Tri24** Fruit color at physiological (mature) stage \_\_\_\_\_  
 3 = Red 5 = Yellow 7 = Other (specify) \_\_\_\_\_
- Tri25** Fruit weight (gm) at physiological (mature) stage \_\_\_\_\_  
 \_\_\_\_\_
- Tri26** Fruit shape \_\_\_\_\_  
 1 = Cylindrical 3 = Elliptical 5 = Fusiform  
 7 = Ovate 9 = Oblong 11 = Spherical
- Tri27** Fruit streaks \_\_\_\_\_  
 3 = Absent 5 = Weak 7 = Present
- Tri28** Fruit streaks color \_\_\_\_\_  
 3 = Light green 5 = Green 7 = Dark green 9 = Absent

**SEED DATA**

- Tri29** Seed color \_\_\_\_\_  
 1 = Light brown 3 = Light brown and brown at the middle  
 5 = Light brown and black 7 = Light yellow and brown at the middle  
 9 = Brown 11 = Black and cream  
 13 = Black
- Tri30** Seed shape \_\_\_\_\_  
 3 = Elliptical 5 = Round 7 = Ovate 9 = Obovate
- Tri31** Seed length (mm) \_\_\_\_\_  
 \_\_\_\_\_
- Tri32** Seed width (mm) \_\_\_\_\_  
 \_\_\_\_\_
- Tri33** Seed thickness (mm) \_\_\_\_\_  
 \_\_\_\_\_
- Tri34** Skin of seed coat \_\_\_\_\_  
 3 = Fine 5 = Intermediate 7 = Rough 9 = Very rough
- Tri35** Number of seed per fruit (at physiological stage) \_\_\_\_\_  
 \_\_\_\_\_

Tri36 100 seeds weight (gm)

\_\_\_\_\_

