AVRDC

The World Vegetable Center

Genetic Resources and Seed Unit (GRSU)

AVRDC-GRSU CHARACTERIZATION RECORD SHEET

Crop: **_Cleome_ spp. [_Gynandropsis_ spp.]**

Plot No. : _____   Accession No. : _____

Sowing Date: _____   Name: _____

Transplanting Date: _____   Species: _____

Location: _____   Origin: _____

SEEDLING DATA

Cle00 Germination period   _____
(no. of days from sowing to first germination)

Cle01 Anthocyanin coloration of hypocotyl (when the seedling primary leaves are   _____
fully opened and the terminal bud is around 5 mm)
  0 = Absent   1 = Present   X = Mixture

Cle02 Hypocotyl color intensity   _____
  3 = Light   5 = Medium   7 = Dense   X = Mixture

VEGETATIVE DATA

Cle03 Plant height (cm) (N=10)   _____

  _____ _____ _____ _____ _____ _____ _____ _____

Cle04 Plant type   _____
  3 = Upright   5 = Intermediate   7 = Spread   X = Mixture

Cle05 Stem color   _____
  3 = Light green   5 = Green   7 = Dark green
  9 = Purple   X = Mixture

Cle06 Branching habit   _____
  0 = None   3 = Sparse (< 5)   5 = Intermediate (5-7)
  7 = Abundant (> 7)   X = Mixture

Cle07 Leaf blade lobing   _____
  3 = Weak (3 leaflets)   5 = Intermediate (5 leaflets)
  7 = Strong (7 leaflets)   X = Mixture

Cle08   Leaf color _____
    3 = Light green   5 = Green   7 = Dark green   X = Mixture

Cle09   Terminal leaflet shape _____
    3 = Deltoid   5 = Ovate   7 = Lanceolate   X = Mixture

Cle10   Leaf shape of margin _____
    3 = Sinuate   5 = Lyrate   7 = Lacerate   X = Mixture

Cle11   Leaflet length (cm) (N=10) _____

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Cle12   Leaflet width (cm) (N=10) _____

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Cle13   Petiole length (cm) (N=10) _____

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Cle14   Leaf pubescence _____
    0 = Absent   1 = Present   X = Mixture

Cle26   Color of petiole _____
    1 = Green   3 = Green tinged purple   5 = Purple tinged green
    7 = Purple

INFLORESCENCE DATA

Flowering date (date when 50% of plants have the most flowers) _____

Cle15   Days to flower _____
    (no. of days from sowing under 50% of plants have the most flowers)

Cle16   Length of filament (cm) (N=10) _____

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Cle17   Flower color _____

1 = White	2 = Yellow	3 = Orange
4 = Red	5 = Rose-red	6 = Pink
7 = Purple	8 = Cream	X = Mixture

Cle18   Androphore _____
    0 = Absent   1 = Present   X = Mixture

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FRUIT & SEED DATA

First harvest date _____

Last harvest date _____

Fruiting date (date when 50% of plants have mature fruits) _____

Cle19   Days to fruit (no. of days from sowing under 50% of plants have mature pods)   _____

Cle20   Pod length (mm) (N=10)   _____

_____   _____   _____   _____   _____   _____   _____   _____   _____

Cle21   Pod width (mm) (N=10)   _____

_____   _____   _____   _____   _____   _____   _____   _____   _____

Cle22   Length of gynophore (mm) (N=10)   _____

_____   _____   _____   _____   _____   _____   _____   _____   _____

Cle23   Length of androphore (mm) (N=10)   _____

_____   _____   _____   _____   _____   _____   _____   _____   _____

Cle24   Length of pedicel (mm) (N=10)   _____

_____   _____   _____   _____   _____   _____   _____   _____   _____

Cle27   Immature pod color   _____
      1 = Green   3 = Green purple   5 = Light purple   7 = Purple

Cle28   Pod shape   _____
      1 = No folds (regular)   3 = With few folds   5 = With many folds

Cle25   1000 seeds weight (gm)   _____