AVRDC-GRSU CHARACTERIZATION RECORD SHEET

Crop: Vigna angularis (Azuki bean)
Plot No.: Accession No.: Name:
Sowing Date: Transplanting Date: Species:
Location: Origin:

VEGETATIVE DATA

A01 Growth habit
1 = Erect 2 = Semi-erect 3 = Spreading

A02 Growth pattern
1 = Intermediate 2 = Indeterminate 3 = Both 4 = Indeterminate

A03 Hypocotyl color
1 = Green 2 = Greenish purple 3 = Purple
4 = Mixed 5 = Other (specify) __________

A04 Primary leaf shape
1 = l/w less than 1 2 = l/w between 1 and 1.9
3 = l/w between 2 and 2.9 4 = l/w 3 and more

A05 Terminal leaflet shape
1 = Deltoid 2 = Oval 3 = Acute
4 = Oval-lanceolate 5 = Cuneate 6 = Lobed
7 = Other (specify) __________

A06 Terminal leaflet length (record for the leaf at fourth node)
1 = Small (<10 cm) 2 = Medium (10-13 cm) 3 = Large (>13 cm)

A07 Pubescence density
3 = Few 5 = Moderate 7 = Many

1
A08 Leaf pubescence length
3 = Short  5 = Mediate  7 = Long

A09 Leaf color (record at 50% flowering)
1 = Light green  2 = Green
3 = Dark green  4 = Other (specify) ________

A10 Petiole color
1 = Green  2 = Greenish purple  3 = Purple  4 = Dark purple

A11 Color of basal petioles
1 = Green  2 = Green/Purple  3 = Greenish purple  4 = Dark purple

INFLORESCENCE DATA

A12 Raceme position (record when the first pod changes color)
1 = Mostly above canopy  2 = Intermediate  3 = No pods visible above canopy

A13 Calyx color
1 = Green  2 = Yellow  3 = Greenish yellow  X = Mixture

A14 Standard petal color
1 = Green  2 = Greenish yellow  3 = Yellow
4 = Purple  5 = Other (specify) ________  X = Mixture

A15 Wings petal color
1 = Yellow  2 = Purple  3 = Greenish yellow
4 = Other (specify) ________  X = Mixture

A16 Days to 50% flowering
(no. of days from planting to 50% of plants with at least one open flower)

A17 Plant height at flowering (cm)

A18 Plant height at maturation (cm)

A19 Seeds per pods (means of 10 pods)
POD DATA

A20 Pod color at immature stage
1 = Light green   2 = Deep green   3 = Other (specify) _________
X = Mixture

A21 Pod color at mature stage
1 = Tan   2 = Brown   3 = Dark brown   4 = Black   X = Mixture

A22 Pod length (cm) (means of 10 random pods)

A23 Days to 50% pod mature
(no. of days from planting to 50% of plants with mature pod)

SEED DATA

A24 Mottling on seed
1 = Absent   2 = Light   3 = Medium   4 = Heavy

A25 Lustre on seed surface
1 = Dull   2 = Shiny   3 = Both   4 = Medium

A26 Seed coat color
1 = Red   2 = Pink   3 = Red seed with black mottled
4 = Tan   5 = Black   6 = Red seed with tan mottled
7 = Green seed with black mottled   8 = Tan seed with black mottled
9 = Black seed with red mottled   X = Mixture

A27 100 seeds weight (gm) (seed weight of 100 seeds at 13-15% moisture content)