

Inbred or Hybrid Seed Corn Description Form

Inbred Description Designation: _____

Background: _____

Company: _____

Original Seed From: _____ Year: _____

From emergence to 50% pollen shed: _____ Days: _____

50% silk emergence: _____ Days: _____

Stalk Height: _____ cm to top node

Ear height: _____ cm

Number ears generally on main stalk: 1 2 3

Tillers: no yes How many: few many

Leaf number: _____

Leaf canopy: erect  open  reflex 

Leaf sheath (ear node) anthocyan: 1 3 5 7 9 more

Pubescence of top leaf margin: smooth dense downy coarse

Tassel type: erect open reflex

Length of central axis to first branch _____ cm

Secondary and tertiary branching 0-1 1-4 3-6 5-8 >8

Anther color: green yellow pink red purple violet brown

Glume color: Body- green red coverage- 1 3 5 7 90%

Marks- Tip: no yes 1 3 5 7 9 more

Base: no yes 1 3 5 7 9 more

Silk color: Lt. green yellow salmon violet red pink

Flag leaves on husk: absent short medium long

Tip cover: < >

Ear length: _____ cm

Ear shape: cylindrical cylindrical/conical conical

Cob diameter 1/3 from tip: _____ cm

Row number: _____

Grain type: flint flint/dent dent

Shape: round oblong rectangular kidney

Grain color:

Tip: dull white transparent-white milky-white lt. yellow
dk orange orange red brown

SIDES:

Cob color: white brown red pink

Glume color: Body: green red 1 2 3 4 5 6 7 8 9 100% coverage

Marks: tip yes no 1 2 3 base yes no 1 2 3 Less

Anther color: yellow green pink red purple violet _____ stripe

Silk color: white pink tip lt. green salmon pink red violet

CHARACTERISTICS AT MATURITY

Tip cover: shorter than equal to longer than the ear: _____ cm

Ear: # per main stalk _____, Total per plant: _____

Attitude of ear: erect horizontal pendent

Shank length: short medium long _____ cm

Shape: cylindrical cylindrical/conical conical

Length: _____ cm width at mid-point _____ mm (15% moisture)

Number of rows: _____ Regularity of rows: yes no

Direction of rows (base to apex): left-turn straight right-turn

Cob: External color: white pink red dark red

Cross section: white winey spots brn spots brown

Width: _____ mm (1/3 from tip)

Grain (dried): Weight of 1M at 15.5%: _____ gr. Pericarp color: clear _____

Aleurone color: white lt. yellow bronze orange

Grain size (center of ear): Length: _____ mm; Width: _____ mm; Thickness: _____ mm

Shape of grain (center of ear)



Other: _____

