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) anthocyanins: 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 9 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)

Top- Looking Down:         Dent  Raised  Very Raised

Horizontal Cross-Section:

Edge View: Side View:

Other:________________________________________________________________________

______________________________________________________________________________

______________________________________________________________________________