

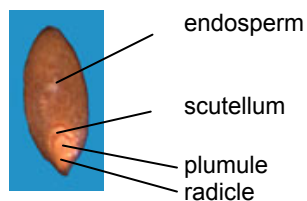
FAMILY: POACEAEGenus: *Agrostis***1. PRECONDITIONING:**

METHOD	TIME (hrs)	TEMP (°C)
imbibe on moist media	4 to 12*	20 to 25

* or 16 hours for seed older than one year

Morphology

lemma palea



caryopsis

Fig 1 External

Fig 2 Embryo

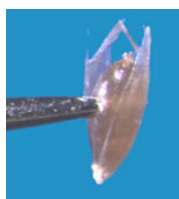
**2. PREPARATION AND STAINING:**

METHOD	TZ Conc(%)	TIME (hrs)	TEMP (°C)
1. cut laterally slightly above embryo or undercut laterally beneath embryo	1.0	4 to 12*	20 to 35
2. pierce in central endosperm area	1.0	4 to 12*	20 to 35

*24 hours for seed older than one year



lateral cut above embryo



pierce

Fig 3

2007

FAMILY: POACEAE

Genus: *Agrostis*

Post Staining Notes: Clear with lactic acid for 2 hours.



3. EVALUATION:

VIABLE (NORMAL STAINING)

- entire embryo evenly stained
- unstained outer edge of scutellar region acceptable

NON-VIABLE (ABNORMAL OR NO STAINING)

- any essential part of the embryo unstained

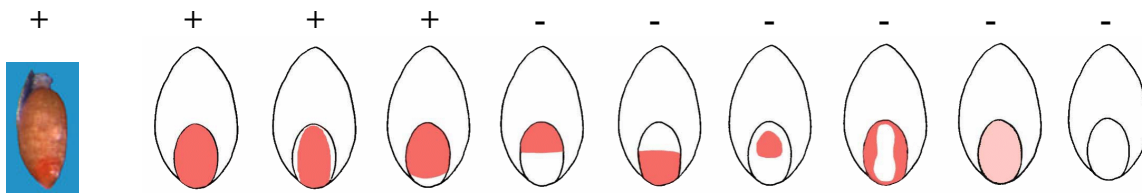


Fig 4

Lab references: 2, 4, 5, 6, 9, 10, 11, 13