VERSION: 1.0	**DATE:** 2001
PATHOGEN: Sclerotinia sclerotiorum	
HOST: Soybean (Glycine max)	
COMMON NAME: Sclerotinia stem rot	
METHOD: Sb 3.1 Culture plate (Totir, 2000) (formerly Sf 3.1)	
METHOD CLASS: STANDARD (A)	
SAMPLE: 400 seeds	

PROCEDURE:

1. Four sub-samples of 100 seeds are surface sterilized in 1.75% NaOCl for 30 seconds.

2. Seeds are rinsed three times in sterile water.

3. Incubate seeds on potato dextrose agar for 10 days at 25ºC (5 seeds/plate).

4. Seeds with characteristic white mycelium of Sclerotinia sclerotiorum are marked after 3, 5 and 7 days to account for overgrowth of colonies compromising the final count.

5. A final count is made of seeds with characteristic white mycelium and/or large black sclerotia, at 10 days.

REFERENCES:

Totir, C. 2000. Seed transmission and control of Sclerotinia sclerotiorum in soybean seeds. Ms. Thesis, Iowa State University, Ames, IA.