

VERSION: 1.0	DATE: 5/2013
PATHOGEN: Ascochyta pinodes (sexual: Mycosphaerella pinodes)	
HOST: pea (Pisum sativum)	
COMMON NAME: blight	
METHOD: Pe 1.2 Semi-selective agar (Chen et al., 2010)	
METHOD CLASS: TEMPORARY STANDARD (B)	
SAMPLE: 50 seeds/seed lot	

PROCEDURE:

1. Seeds are aseptically placed onto SC semi-selective medium, five seeds per dish.
2. After incubation at 24°C for five days, the number of seeds infected by M. pinodes in each seedlot is recorded.

SC-semiselective medium:

NaNO ₃	2 g
K ₂ HPO ₄	1 g
KCl	0.5 g
MgSO ₄ .7H ₂ O	0.5 g
FeSO ₄ .7H ₂ O	0.01 g
agar	15 g
soluble starch	30 g
casein	3 g

propamocarb	25 µg/ml
benomyl	10 µg/ml
mepronil	50 µg/ml
atrazine	300 µg/ml
streptomycin sulfate	100 µg/ml
neomycin sulfate per liter of water	200 µg/ml

REFERENCES:

Mei-Hsing Chen, Wen-Chuan Chung, Hung-Chang Huang and Jenn-Wen Huang. 2010. Development of a semiselective medium for detection of *Mycosphaerella pinodes* in soil, plant debris and seed. *Canadian Journal of Plant Pathology* 32(3):342- 350.

<http://www.tandfonline.com/doi/abs/10.1080/07060661.2010.499267#.Uz3SWhAzKiA>