

VERSION: 1.0	DATE: 2001
PATHOGEN: Kabatiella zeae (syn: Aureobasidium zeae)	
HOST: Maize (Zea mays)	
COMMON NAME: eye spot	
METHOD: Mz 14.1 Culture Plate (formerly Cf 11.1)	
METHOD CLASS: REGULATED NON-SEEDBORNE PEST	
SAMPLE: 400 seeds	

PROCEDURE:

1. Randomly select 400 seeds; 4 replicates of 100.
2. Wash thoroughly in running water to remove chemical seed treatment.
3. Immerse seeds in 1.0% (v/v) solution of sodium hypochlorite for 3 minutes. Triple rinse with sterile water.
4. Aseptically place seeds on 4% malt agar, usually 5 to 10 seeds per petri plate.
5. Inoculate one plate per replicate with a known culture of K. zeae.
6. Incubate samples at 25°C with 12 hours of light per day for 7 days.
7. Examine the plates for colonies typical of K. zeae.
8. Suspect mycelium and/or fruiting bodies should be examined under magnification to confirm the identity.

REFERENCES:

- McGee, D. C. 1988. Maize Diseases. APS Press, St. Paul, MN
- CABI. Crop Protection Compendium cabi.org/cpc/datasheet/29297