



PREV-AM® ULTRA FOR THE CONTROL OF WHITE MOLD

TARGET	White mold (<i>Sclerotinia sclerotiorum</i>)	CROP	Laboratory bioassay
TRIAL DATE	June 2015	RESEARCHER	Bradley Booker, Florida Ag Research
		LOCATION	Florida Ag Research laboratory

TRIAL GOAL

To evaluate the control of white mold with PREV-AM ULTRA.

KEY FINDINGS

A low labeled rate of PREV-AM ULTRA significantly reduces the growth of white mold.

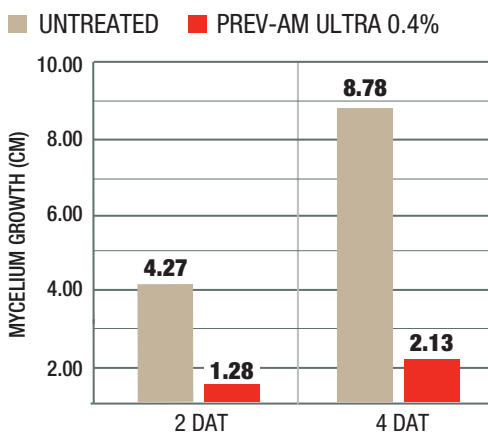
APPLICATION

PREV-AM ULTRA, at 0.4% v/v, was added to sterilized and liquefied PDA (potato dextrose agar) in Petri dishes. Pre-prepared fungal discs of white mold were placed in the PREV-AM ULTRA treated and untreated dishes with the mycelial growth touching the PDA media. Three fungal discs were placed per dish. The plates were incubated on a culture rack at room temperature.

RESULTS

Mycelium growth was measured at 2 DAT and 4 DAT. The PREV-AM ULTRA treated media significantly reduced white mold growth compared to the untreated media. At 2 DAT, the six PREV-AM ULTRA treated dishes showed an average mycelium growth of 1.28 centimeters while the untreated dishes showed average growth of 4.27 centimeters. After 4 days of incubation, PREV-AM ULTRA limited mycelium growth to 2.13 centimeters while the untreated dishes allowed an average of 8.78 centimeters of growth.

AVERAGE MYCELIUM GROWTH



Mycelium growth on UNTREATED



Mycelium growth on PREV-AM ULTRA