

RESISTANCE OF VINYLs TO MILDEW ("PINK" STAINING)

Application

This procedure is used to determine the resistance of vinyl's to mildew growth which may cause a "pink" staining condition in the field.

Apparatus Required

Dishes

4 inch Petri dishes and covers.

Incubator

Capable of maintaining a temperature of 86 +/- 3 °F.

Sterilizing Equipment

Autoclave capable of maintaining 15 lbs. of steam pressure for 20 minutes. Refrigerator maintained at 40 °F.

Inoculating Needle

Solutions Required

Stock Culture

Streptomyces Rubrireticuli - NRRL B-1484* (Store in refrigerator at 40 °F)

*Source: United States Dept. of Agriculture
ARS Culture Collection Investigations
Fermentation Laboratory
1815 North University Street
Peoria, Illinois 61604

Date	Action	Revisions
2001 08 22	Revised	Editorial – no technical change A. Cockman
1992 07 06		

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Hickey-Tresnar's Agar

Yeast Extract	1.0 gm
Beef Extract	1.0 gm
N-Z Amine*	2.0 gm
Dextrin	10.0 gm
Cobaltous Chloride	20.0 mg
Agar-Agar	20.0 gm
Distilled Water	1000 mL
Final pH	7.3

*Source: Sheffield Chemical Co.
 Norwich, New York

Note: The stock cultures of *Streptomyces Rubrirculi* are maintained on Hickey Tresner's Agar whereas Bennett's Agar is used as a plating medium.

Bennett's Agar

Yeast Extract	1.0 gm
Beef Extract	1.0 gm
N-Z Amine	2.0 gm
Glucose	10.0 gm
Agar-Agar	15.0 gm
Distilled Water	1000 mL
Final pH	7.3

Wetting Agent

Triton X-100

Conditioning and Test Conditions

All test values indicated herein are based on material conditioned in a controlled atmosphere of 23 +/- 2 °C and 50 +/- 5 % relative humidity for not less than 24 h prior to testing and tested under the same conditions unless otherwise specified.