

US EPA ARCHIVE DOCUMENT

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6/30/88

TRIADIMIFON (BAYLETON) FUNGICIDE

SECTION 18 TO TREAT 700 ACRES OF TOMATOES IN YUMA & LA PAZ COUNTIES
ON BASIS OF MINIMIZING ECONOMIC LOSSES DUE TO CROP LOSS
FROM POWDERY MILDEW

EMERGENCY EXEMPTION GRANTED LAST YEAR

Q: THERE IS NO LA PLAZ COUNTY (?) → A: 1934 NORTHERN YUMA BECAME LA PLAZ

SWAGENESSY FILES:
CHEMICAL PROPERTIES INDICATE LEACHER, HOWEVER,
NO BREAKDOWN BY SWL GIVEN

SOILS IN WESTERN YUMA VERY SUSCEPTIBLE TO LEACHING -- SANDY LOAMS &
GRAVELLY LOAMS. BEDROCK GENERALLY > 60 inches

SLOPES RELATIVELY FLAT -- 0-8%

DRASTIC (PESTICIDE) = 106 PROBABLY LOW DUE TO DEPTH TO AQUIFER & RECHARGE.

ANNUAL PRECIP (AVC) FOR YUMA ONLY 3.03 in/year
MOSTLY DISTRIBUTED JULY - MARCH
MAX 24 in rain = 24 inches Sept 1953.

NOTE:

WATER TABLE 20-30' COLORADO RIVER FLOOD PLAINS (SANDRA OWEN-JAMES
VSSS ARIZONA)
LA WHEAT TERRACE GROUP

<p><u>ASSESSMENT</u>: 1) SIGNIFICANT LEACHING POTENTIAL</p> <p>2) SITE VERY VULNERABLE (SOILS, SLOPES, W.I.T.)</p> <p>3) RECHARGE PROBABLY SIGNIFICANT DUE TO <u>IRRIGATION</u></p> <p>HOWEVER, PROPER IRRIGATION = 0.0 NET RECHARGE</p> <p>4) VERY LOW APPLICATION RATES ⇒ ^{LOW} CONCENTRATIONS (?)</p> <p>5) TOXICOLOGICAL IMPACTS?</p>	<p>PRM</p>
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