

# Product Bulletin



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<b>Dithane<sup>®</sup> F-45</b> <b>Rainshield<sup>™</sup></b> EPA Reg. No. 62719-396	<b>Gavel<sup>®</sup> 75DF</b> EPA Reg. No. 62719-441	<b>Dithane<sup>®</sup> DF</b> <b>Rainshield<sup>™</sup></b> EPA Reg. No. 62719-402
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## 2(ee) Recommendation †

### Clarification of the Maximum Use Rate for Mancozeb and Zoxamide on Grapes grown East of the Rocky Mountains

**ATTENTION**

† This recommendation is made as permitted under FIFRA 2(ee) and has not been submitted to or approved by the EPA or state lead pesticide agency.

- Read the label affixed to the product containers before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of the above-named products according to this product bulletin is subject to all use precautions and limitations imposed by the label affixed to the product containers.

Dithane<sup>®</sup> DF Rainshield<sup>™</sup> and Dithane F45 Rainshield both contain only one active ingredient (ai), mancozeb. Gavel<sup>®</sup> 75DF contains two active ingredients, mancozeb and zoxamide. The maximum allowable application rate for mancozeb in grapes is 3.0 lbs of ai per acre and a total of 19.2 lbs of ai per acre per season, regardless of the source of mancozeb. Do not apply any product containing mancozeb within 66 days of grape harvest.

The maximum allowable application rate for zoxamide in grapes is 0.2075 lbs of ai per acre and a total of 1.25 lbs of ai per acre per season. The maximum use rate for Gavel 75DF per application and per season is determined by the active ingredient zoxamide not mancozeb.

Fungicide applications using different mancozeb containing products such as Dithane F-45, Dithane DF and Gavel 75DF may be used together or alternated on grapes so long as the rate of mancozeb rate does not exceed 3.0 lb ai per acre per application and a total of 19.2 lb ai per acre per season. When Gavel 75DF is used on grapes, the amount of zoxamide in each Gavel 75DF application must also be totaled so not to exceed 1.25 lb of zoxamide per acre per season.

#### Formulations and Active Ingredient

Fungicide	Unit of Measure	Zoxamide (lb ai/ unit of measure)	Mancozeb (lb ai/unit of measure)
Dithane F45 Rainshield	1 gallon	0.000	4.0 lb/gal
Dithane DF Rainshield	1 pound	0.000	0.75 lb ai per lb of product
Gavel 75DF †	1 pound	0.083	0.67 lb ai per lb of product

† Maximum active ingredient allowed per application and per season on grapes grown east of the Rocky Mountains: Zoxamide = 0.2075 lb ai/acre per application and 1.25 lb ai/acre per season, and Mancozeb = 1.5 lb ai/acre per application and 19.2 lb ai/acre per season.

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