



## AQUATIC RISK ASSESSMENT

Pesticide Trade Name:	Chemical Name of Active Ingredient(s):	EPA Reg. No.:
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Test Organism	Most Sensitive Species	Tech. grade a.i. (% purity)	Test Result: LC <sub>50</sub> or EC <sub>50</sub> Value (ppm)	Period of Exposure (hours)	MRID <sup>1</sup>
Freshwater Fish					
Freshwater Invertebrates					

<sup>1</sup> Master Record Identification Number: EPA system of recording and tracking studies submitted.

Crop/Site Name: \_\_\_\_\_

GENEEC 2 Model Input Parameters	Value (Data)	Reference Source (i.e. MRID)
Maximum Application Rate	(lbs. ai / acre)	(Maximum Requested Rate)
Maximum No. of Applications Per Year		(Maximum Requested Number)
Minimum Interval Between Treatments	Days	(Requested Minimum)
Kd <sup>1</sup>		
Koc (Organic Carbon Fraction)		
Maximum Aerobic Soil Metabolic Half-life	Days	
Is the pesticide incorporated with water?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Depth of Incorporation (Current label minimum)	Inches	
<b>Method of Application</b>		
A. Aerial Spray <input type="checkbox"/> B. Ground Spray <input type="checkbox"/> C. Airblast Spray <input type="checkbox"/> D. Granular (Non-spray) <input type="checkbox"/>		
<b>Aerial Spray</b> A. Very Fine to Fine <input type="checkbox"/> B. Fine to Medium (EFED default) <input type="checkbox"/> C. Medium to Coarse <input type="checkbox"/> D. Coarse to Very Coarse <input type="checkbox"/>	<b>Ground Spray – Nozzle Height</b> A. Low Boom (< 20 inches or less) <input type="checkbox"/> B. High Boom Ground Sprayer (< 20 to 50 inches: EFED default) <input type="checkbox"/> <b>Ground Spray – Droplet Size</b> A. Fine (EFED default) <input type="checkbox"/> B. Medium-Coarse <input type="checkbox"/>	<b>Airblast Spray</b> A. Orchards/Dormant Vineyards <input type="checkbox"/> B. Foliated Vineyards <input type="checkbox"/>
Buffer Width (No-Spray Zone)	Ft.	
Water Solubility	mg/l	
Aerobic Aquatic Metabolic Half- life <sup>2</sup>	Days	
pH 7 Hydrolysis Half- life <sup>2</sup>	Days	
Photolysis Half- life <sup>2</sup>	Days	
Signature:	Date:	<b>(Official Use Only)</b>

<sup>1</sup> Lowest “non- sand” value; <sup>2</sup> Maximum value (If stable, use 0).