

Appendix B- Mefluidide Occupational Handler Risks									
Dermal NOAEL (mg/kg/day)	0								
Inhalation NOAEL (mg/kg/day)	58								
Body Weight (kg)	70								
Body Weight (kg)	70								
Dermal Absorption (0-1)	0.1								
Inhalation Absorption (0-1)	1								

Appendix B - Mefluidide Short/Intermediate Term MOEs for Handlers

Exposure Scenario	Use Site	Application Rate (lb/acre or gal/acre)	Acres Treated or Gallons Applied per day	Units	LBs A.I. Handled per Day	Baseline Inhalation MOE	PF5 Inhalation MOE	PF10 Inhalation MOE	Eng Cont Inhalation MOE
Mixer/Loader (M/L)									
M/L Liquids for Turf Gun (20 PCOs)	PCO Turf	1	100	acres	100	33833	169167	338333	489157
M/L Liquids for Highpressure Handwand	Ornamental Trees	0.01	1000	gallons	10	338333	1691667	3383333	4891566
M/L Liquids for Groundboom	Golf Courses	1	40	acres	40	84583	422917	845833	1222892
M/L Liquids for ROW Sprayer	Right of Way Areas (ROW)	0.067	1000	gallons	67	50498	252488	504975	730085
Applicator (APP)									
Groundboom Application	Golf Courses	1	40	acres	40	137162	685811	1371622	2360465
ROW Sprayer Application	ROW	0.067	1000	gallons	67	15538	77688	155377	ND
Turfgun Application	PCO Turf	1	5	acres	5	812000	4060000	8120000	ND
Mixer/Loader/Applicator (M/L/A)									
M/L/A Liquid Flowables with Turfgun	PCO Turf	1	5	acres	5	427368	2136842	4273684	ND
M/L/A Liquids with Backpack Sprayer	ROW	0.067	40	gallons	2.68	50498	252488	504975	ND
Load/Apply Granules with a Push Cyclone	PCO Turf	0.5	5	acres	2.5	216533	1082667	2165333	ND

The amount applied for the ROW Sprayer and the Backpack Sprayer is expressed as gallons per day.