

Methyl Bromide Critical Use Exemption Process
2007 Methyl Bromide Usage Numerical Index (BUNI)

Date: **1/28/2005**
 Sector: **TURF**

Average Hectares in the US: **131,971**
 % of Average Hectares Requested: **1%**

2007 Amount of Request				2001 & 2002 Average Use*			Quarantine and Pre-shipment	Regional Hectares**			Research Amount (kgs)
REGION	Kilograms (kgs)	Hectares (ha)	Use Rate (kg/ha)	Kilograms (kgs)	Hectares (ha)	Use Rate (kg/ha)		2001 & 2002 Average	% of 2001 & 2002 Average	Requested %	
Turfgrass Producers International	680,388	1,416	480	388,041	821	473	0%	Not Available			1,928
TOTAL OR AVERAGE	680,388	1,416	480	388,041	821	473	0%				

2007 Nomination Options	Subtractions from Requested Amounts (kgs)					Combined Impacts Adjustment (kgs)		Adoption / Transition Adjustment (kgs)		MOST LIKELY IMPACT VALUE		
REGION	2007 Request	(-) Double Counting	(-) Growth	(-) Use Rate Adjustment	(-) QPS	HIGH	LOW	HIGH	LOW	Kilograms (kgs)	Hectares (ha)	Use Rate (kg/ha)
Turfgrass Producers International	680,388	-	292,347	141,573	-	123,234	71,476	112,143	65,043	76,112	254	300
Nomination Amount	680,388	680,388	388,041	246,468	246,468	123,234	71,476	112,143	65,043	76,112	254	300
% Reduction from Initial Request	0%	0%	43%	64%	64%	82%	89%	84%	90%	89%	82%	38%

Adjustments to Requested Amounts	Use Rate (kg/ha)		(% Karst (Telone))		(% 100 ft Buffer Zones)		(% Key Pest Distribution)		Regulatory Issues (%)		Unsuitable Terrain (%)		Cold Soil Temp (%)		Combined Impacts (%)		% Adopt New Fumigants	
	Low	EPA	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	HIGH	LOW	% adopt	% per year
Turfgrass Producers International	473	300	0	0	0	0	50	29	0	0	0	0	0	0	50%	29%	75%	9%

Other Considerations	Dichotomous Variables (Y/N)					Other Issues			Economic Analysis				Quality/ Time/ Market Window/ Yield Loss (%)	Marginal Strategy
REGION	Strip Bed Treatment	Currently Use Alternatives?	Research / Transition Plans	Tarps / Deep Injection Used	Pest-free Cert. Requirement	Change from Prior CUE Request (+/-)	Verified Historic MeBr Use / State	Frequency of Treatment	Loss per Hectare (US\$/ha)	Loss per Kilogram of MeBr (US\$/kg)	Loss as a % of Gross Revenue	Loss as a % of Net Revenue		
Turfgrass Producers International	No	Yes	Yes	Tarp	Yes	0	No	1 / 3 years	\$ 6,634	\$ 14	34%	64%	25%	Dazomet

Conversion Units:

1 Pound = 0.453592 Kilograms 1 Acre = 0.404686 Hectare Most Likely Impact Value: High 24% Low 77%

Turfgrass Producers International - In 2003 the 2002 year was reported as 605,200 lb., 1513 acres & 400 lb/acre. In 2004 the 2002 year was reported as 1,365,200 lb., 3413 acres, 400 lb/acre. No explanation for increase so old numbers were used.

Pest distribution estimated using tomato pest distribution (similar geographic distribution) due to lack of information provided by applicant.