

METRIC

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

Date: **1/26/2005**
Sector: **COMMODITIES**

Average Volume in the US:
% of Average Volume Requested:

Not Available
Not Available

2007 Amount of Request				2001 & 2002 Average Use			Quarantine and Pre-shipment	Regional Volume		Research Amount (kgs)
COMMODITY TYPE	Kilograms (kgs)	Volume (1000m ³)	Use Rate (kg/1000m ³)	Kilograms (kgs)	Volume (1000m ³)	Use Rate (kg/1000m ³)		2003 Volume	% of Volume	
BEANS	12,088	255	47	7,070	161	44	0%	Not Available	20	
DRIED FRUIT	20,412	850	24	18,234	754	24	0%			
PISTACHIOS	5,443	261	21	5,262	245	21	0%			
WALNUTS	108,046	1,775	61	72,121	1,501	48	20%			
DATES	3,087	128	24	3,016	126	24	0%			
TOTAL OR AVERAGE	149,075	3,269	46	105,703	2,785	38				

2007 Nomination Options	Subtractions from Requested Amounts (kgs)					Combined Impacts Adjustment (kgs)		MOST LIKELY IMPACT VALUE		
	2007 Request	(-) Double Counting	(-) Growth	(-) Use Rate Adjustment	(-) QPS	HIGH	LOW	Amount (kgs)	Volume (1000m ³)	Use Rate (kg/1000m ³)
BEANS	12,088	-	5,018	-	-	7,070	7,070	7,070	149	47
DRIED FRUIT	20,412	-	2,178	-	-	18,234	18,234	18,234	759	24
PISTACHIOS	5,443	-	181	-	-	5,262	5,262	5,262	252	21
WALNUTS	108,046	-	35,924	-	14,424	57,697	57,697	57,697	948	61
DATES	3,087	-	71	-	-	3,016	3,016	3,016	126	24
Nomination Amount	149,075	149,075	105,703	105,703	91,279	91,279	91,279	91,279	2,233	41
% Reduction	0%	0%	29%	29%	39%	39%	39%	39%	32%	10%

Adjustments to Requested Amounts	Use Rate (kg/1000m ³)		(%) Key Pest Distribution		(%) Adopt New Fumigants		(%) Combined Impacts		Time, Quality, or Product Loss	Marginal Strategy
	Low	EPA	High	Low	High	Low	HIGH	LOW		
BEANS	47	47	100	100	0	0	100%	100%	84 DAYS per year	Phosphine (takes 3 days vs 1 day/trt)
DRIED FRUIT	24	24	100	100	0	0	100%	100%		
PISTACHIOS	21	21	100	100	0	0	100%	100%		
WALNUTS	61	61	100	100	0	0	100%	100%		
DATES	24	24	100	100	0	0	100%	100%		

Other Considerations	Dichotomous Variables (Y/N)			Other Issues			Economic Analysis			
	Currently Use Alternatives?	Research / Transition Plans	Pest-free Market Requirement	Change from Prior CUE Request (+/-)	Verified Historic MeBr Use / State	Frequency of Treatment of Product	Loss per 1000 m ³ (US\$/1000m)	Loss per Kg of MeBr (US\$/kg)	Loss as a % of Gross Revenue	Loss as a % of Net Revenue
BEANS	Yes	Yes	Yes	New		1	No Feasible Alternative.			
DRIED FRUIT	Yes	Yes	Yes	Same	Yes	1	\$ 14,677	\$ 612	22%	331%
PISTACHIOS	Yes	Yes	Yes	Increase	Yes	1	\$ 223,240	\$ 10,630	20%	377%
WALNUTS	Yes	Yes	Yes	Increase	Yes	2	\$ 62,358	\$ 1,299	18%	346%
DATES	Yes	Yes	Yes	Decrease	Yes	1	No Feasible Alternative.			

Conversion Units: 1 Pound = 0.453592 Kilograms 1,000 cu ft = 0.028316847 1,000 cubic meters

Adopt New Fumigants

Percent of Market adoption depends on Registration Date, Cost, % of Structures that are suitable, Propylene oxide (PPO) now registered in California. Explosive if not used correctly. SF is not yet registered in CA, NY, & AK at the time of this analysis.

Beans: Phosphine does not control Cowpea Weevil.

Most Likely Impact Value: High 24% Low 76%