

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

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

Average Hectares in the US: **20,356**
 % of Average Hectares Requested: **66%**

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)	2003 Hectares	
CALIFORNIA	1,451,494	8,094	179	1,601,966	8,184	196	0%	11,979	68%
EASTERN US	359,841	2,377	151	278,967	1,851	151	0%	2,469	96%
FLORIDA	579,691	2,873	202	501,446	2,711	185	0%	2,873	100%
TOTAL OR AVERAGE	2,391,026	13,344	179	2,382,379	12,747	187	0%	17,321	77%

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2007 Nomination Options	Subtractions from Requested Amounts (kgs)					Combined Impacts Adjustment (kgs)		MOST LIKELY IMPACT VALUE		
REGION	2007 Request	(-) Double Counting	(-) Growth	(-) Use Rate Adjustment	(-) QPS	HIGH	LOW	Kilograms (kgs)	Hectares (ha)	Use Rate (kg/ha)
CALIFORNIA	1,451,494	-	-	-	-	1,378,920	1,233,770	1,267,880	7,070	179
EASTERN US	359,841	-	80,873	-	-	178,539	161,801	165,735	1,100	151
FLORIDA	579,691	-	78,245	-	-	320,925	290,839	297,909	1,611	185
Nomination Amount	2,391,026	2,391,026	2,231,908	2,231,908	2,231,908	1,878,384	1,686,410	1,731,524	9,780	177
% Reduction from Initial Request	0%	0%	7%	7%	7%	21%	29%	28%	27%	1%

Adjustments to Requested Amounts	Use Rate (kg/ha)		(% Karst (Telone))		(% 100 ft Buffer Zones ¹)		(% Key Pest Distribution)		Regulatory Issues (%) ²		Unsuitable Terrain (%)		Cold Soil Temp (%)		Combined Impacts (%) ³	
	Low	EPA	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	HIGH	LOW
CALIFORNIA	179	179	0	0	0	0	0	0	94	82	15	15	0	0	95%	85%
EASTERN US	151	151	0	0	40	40	40	30	0	0	0	0	0	0	64%	58%
FLORIDA	185	185	40	40	1	1	40	30	0	0	0	0	0	0	64%	58%

Other Considerations	Dichotomous Variables (Y/N)						Other Issues			Economic Analysis				Quality/ Time/ Market Window/ Yield Loss (%)	Marginal Strategy
	Strip Bed Treatment	Currently Use Alternatives?	Research / Transition Plans	Tarps / Deep Injection Used	Pest-free Cert. Requirement	Adopt New Fumigant	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 Operating Revenue		
CALIFORNIA	No	Yes	Yes	Tarp	No		-	Yes	1/year	\$ 11,817	\$ 59	16%	87%	14% Yield Loss	1,3-d+pic
EASTERN US	Yes	Yes	Yes	Tarp	No		+	Yes	1/year	\$ 9,319	\$ 62	18%	42%	14% Yield Loss	1,3-d+pic
FLORIDA	Yes	Yes	Yes	Tarp	No		0	Yes	1/year	\$ 6,720	\$ 33	12%	62%	14% Yield Loss	1,3-d+pic

1 Buffer Zones were reduced from 300 feet to 100 feet, therefore the impact estimate has been reduced from 90% to 40%.

2 The Regulatory Issues impact estimate has been adjusted for California. Their original request already reflected Regulatory Issues impacts.

3 Combined Impacts were revised on 3/31/04 due to the above mentioned adjustments.

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