

2008 Methyl Bromide Usage Newer Numerical Index - BUNNIE							Peppers	Notes
December 18, 2006	Region	Southeast Pepper	Georgia Pepper	Florida Pepper	Michigan Pepper	California Pepper	Sector Total or Average	
Other Considerations	Possible Regime	Telone+Pic, Metam-Sodium	Telone+Pic, Metam-Sodium	Telone+Pic, Metam-Sodium	Telone + Pic	Telone + Pic		
	Marginal Strategy Among Best Strategies & Economic Analysis (See Chapter)	Loss Estimate (%) - Yield (Y), Quality (Q), Market Window (M), Time (T)	29%	29%	29%	22% - 6%(Y) + 16%(T)	6%	
		Loss per Hectare (US\$/ha)	\$ 8,954	\$ 7,368	\$ 6,724	\$ 933	\$ 1,194	
		Loss per Kg of MeBr (US\$/kg)	\$ 60	\$ 49	\$ 45	\$ 19	\$ 8	
		Loss as a % of Gross Revenue	29%	21%	23%	4%	6%	
		Loss as a % of Net Op Revenue	76%	112%	73%	100%	29%	
	Dichotomous Variables (Y/N)	Strip or Bed Treatment?	Strip	Strip	Strip	Strip	Flat	
		Currently Use Alternatives?	Yes	Yes	Yes	Yes	Yes	
		Tarps / Deep Injection Used?	Tarp	Tarp	Tarp	Tarp		
	Other Issues	Frequency of Treatment (x/yr)	1x per year	1x per year	1x per year	1x per year	1x per year	
	Change in CUE Request	decrease	same	decrease	increase	decrease	decrease	
Most Likely Combined Impacts (%)	Florida Telone Restrictions	0%	8%	68%	0%	0%		
	100 ft Buffer Zones	0%	0%	1%	0%	0%		
	Key Pest Distribution	58%	58%	58%	75%	41%		
	Regulatory Issues	0%	0%	0%	0%	20%		
	Unsuitable Terrain	0%	0%	0%	0%	0%		
	Cold Soil Temperature	0%	0%	0%	75%	0%		
	Total Combined Impacts	58%	61%	86%	94%	52%		
Most Likely Baseline Transition	(%) Able to Transition	42%	42%	42%	0%	75%		
	Minimum # of Years Required	7	7	7	0	5		
	(%) Able to Transition / Year	6%	6%	6%	0%	15%		
Joint Adjusted Use Rate		kg/ha	188	188	186	175	165	
Joint Adjusted Dosage Rate		g/m2	18.8	18.8	18.6	17.5	16.5	
2009 US CUE Application Information	Amount - Pounds	Pounds	572,850	765,408	2,766,400	41,500	80,000	4,226,158
	Area - Acres		4,450	5,712	20,250	389	500	31,301
	Rate (lb/A)		128.73	134.00	133.00	106.68	160.00	135
	Amount - Kilograms	Metric	259,840	347,183	1,254,817	18,824	36,287	1,916,951
	Treated Area - Hectares		1,801	2,312	8,195	157	202	12,667
	Rate (kg/ha)		144	150	153	120	179	151
EPA Preliminary Value		kgs	210,911	347,183	1,230,822	15,195	36,287	1,840,399
EPA Baseline Adjusted Value has been adjusted for:		Double Counting, Growth, EPA Use Rate Adjustment, Joint Use Rate Adjustment, and Combined Impacts						*
EPA Baseline Adjusted Value		kgs	80,889	150,753	745,107	12,092	17,272	1,006,114
EPA Transition Amount		kgs	(16,105)	(35,954)	(170,486)	-	(2,591)	(225,137)
EPA Amount of All Adjustments		kgs	(146,128)	(232,384)	(656,201)	(3,103)	(21,606)	(1,059,422)
Most Likely Impact Value for Treated Area		kgs	64,784	114,799	574,621	12,092	14,681	780,977
		ha	370	656	3,284	69	98	4,477
		Rate	175	175	175	175	150	174
Sector Research Amount (kgs)			2,844	2009 Total US Sector Nomination			783,821	*

1 Pound = 0.453592 kgs 1 Acre = 0.404686 ha

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