

2009 Methyl Bromide Usage Newer Numerical Index - BUNNIE						Eggplant	Notes
December 18, 2006		Region	Michigan Eggplant	Florida Eggplant	Georgia Eggplant	Sector Total or Average	
Other Considerations	Possible Regime		Telone+Pic	Telone+Pic	Telone+Pic		
	Marginal Strategy Among Best Strategies & Economic Analysis (See Chapter)	Loss Estimate (%) - Yield (Y), Quality (Q), Market Window (M), Time (T)	22% Y + T	29% Y + T	29% Y + T		
		Loss per Hectare (US\$/ha)	\$ 4,034	\$ 5,252	\$ 7,593		
		Loss per Kg of MeBr (US\$/kg)	\$ 34	\$ 35	\$ 51		
		Loss as a % of Gross Revenue	12%	24%	18%		
		Loss as a % of Net Op Revenue	39%	82%	72%		
	Dichotomous Variables (Y/N)	Strip or Bed Treatment?	Strip	Strip	Strip		
		Currently Use Alternatives?	Yes	Yes	Yes		
		Tarps / Deep Injection Used?	Tarp	Tarp	Tarp		
	Other Issues	Frequency of Treatment (x/yr)	1x per year	1x per year	1x per year		
	Change in CUE Request	increase	decrease	same		decrease	
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)		0%	62%	8%		
	100 ft Buffer Zones (%)		0%	1%	0%		
	Key Pest Distribution (%)		75%	45%	45%		
	Regulatory Issues (%)		0%	0%	0%		
	Unsuitable Terrain (%)		0%	0%	0%		
	Cold Soil Temperature (%)		100%	0%	0%		
	Total Combined Impacts (%)		100%	79%	50%		
Most Likely Baseline Transition	(%) Able to Transition		0%	33%	33%		
	Minimum # of Years Required		0	7	7		
	(%) Able to Transition / Year		0%	5%	5%		
Joint Adjusted Use Rate		kg/ha	175	184	187		*
Joint Adjusted Dosage Rate		g/m2	17.5	18.4	18.7		
2009 US CUE Application Information	Amount - Pounds	Pounds	10,400	191,800	107,736	309,936	
	Area - Acres		97	1,400	804	2,301	
	Rate (lb/A)		107.22	137.00	134.00	135	
	Amount - Kilograms	Metric	4,717	86,999	48,868	140,584	
	Treated Area - Hectares		39	567	325	931	
	Rate (kg/ha)		120	154	150	151	
EPA Preliminary Value		kgs	3,799	86,999	48,868	139,666	
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	3,209	47,957	17,121	68,286	*
EPA Transition Amount		kgs	-	(4,405)	(1,525)	(5,930)	*
EPA Amount of All Adjustments		kgs	(590)	(43,447)	(33,273)	(77,310)	
Most Likely Impact Value for Treated Area		kgs	3,209	43,552	15,595	62,356	*
		ha	18	249	89	356	
		Rate	175	175	175	175	*
Sector Research Amount (kgs)			433	2009 Total US Sector Nomination		62,789	
1 Pound =		0.453592	kgs	1 Acre =	0.404686	ha	

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EPA Amount of All Adjustments	kgs	(590)	(43,447)	(33,273)	(77,310)
Most Likely Impact Value for Treated Area	kgs	3,209	43,552	15,595	62,356
	ha	18	249	89	356
	Rate	175	175	175	175
Sector Research Amount (kgs)		433	2009 Total US Sector Nomination		62,789