

2008 Methyl Bromide Usage Newer Numerical Index - BUNNIE Tomato

December 18, 2006	Region	Michigan Tomato	Maryland Tomatoes	Southeast Tomato Total	Georgia Tomato	Florida Tomato Total	Sector Total	Notes
Marginal Strategy - Among Best Strategies & Economic Analysis (See Chapter)	Possible Regime	Telone+Pic+ herbicide	Metam+Pic+ herbicide	Metam+Pic+ herbicide	Telone+Pic+ herbicide	Telone+Pic+ herbicide		
	Loss Estimate (%) - Yield (Y), Quality (Q), Market Window (M)	22%, (6% Y + 16% MW)	21%, (6% Y + 15% MW)	21%, (6% Y + 15% MW)	21%, (6% Y + 15% MW)	21%, (6% Y + 15% MW)		
	Loss per Hectare (US\$/ha)	\$ 1,937	\$ 5,374	\$ 5,374	\$ 4,533	\$ 7,068		
	Loss per Kg of MeBr (US\$/kg)	\$ 16	\$ 36	\$ 36	\$ 30	\$ 46		
	Loss as a % of Gross Revenue	5%	17%	17%	11%	15%		
	Loss as a % of Net Op Revenue	42%	173%	173%	77%	40%		
Dichotomous Variables (Y/N)	Strip or Bed Treatment?	Strip	Strip	Strip	Strip	Strip		
	Currently Use Alternatives?	Yes	Yes	Yes	Yes	Yes		
	Tarps / Deep Injection Used?	Tarp	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	same	New	increase	same	decrease		decrease
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	6%	11%	54%		
	100 ft Buffer Zones (%)	0%	0%	0%	0%	0%		
	Key Pest Distribution (%)	100%	100%	36%	36%	36%		
	Regulatory Issues (%)	0%	0%	0%	0%	0%		
	Unsuitable Terrain (%)	0%	0%	0%	0%	0%		
	Cold Soil Temperature (%)	100%	0%	0%	0%	0%		
Total Combined Impacts (%)		100%	100%	39%	43%	70%		
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	64%	64%	64%		
	Minimum # of Years Required	0	0	7	7	7		
	(%) Able to Transition / Year	0%	0%	9%	9%	9%		
Joint Adjusted Use Rate kg/ha		175	150	187	186	183		
Joint Adjusted Dosage Rate g/m2		17.5	15.0	18.7	18.6	18.3		
2008 Applicant Requested Usage	Amount - Pounds	67,000	2,680	3,288,720	779,210	6,450,000	10,587,610	
	Area - Acres	625	40	23,560	5,815	43,000	73,040	
	Rate (lb/A)	107.20	67.00	144.81	134.00	150.00	145	
	Amount - Kilograms	30,391	1,216	1,491,737	353,443	2,925,668	4,802,455	
	Treated Area - Hectares	253	16	9,534	2,353	17,401	29,558	
	Rate (kg/ha)	120	75	162	150	168	162	
EPA Preliminary Value kgs		30,391	1,216	1,409,865	353,443	2,925,668	4,720,582	
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	25,672	1,216	351,495	97,035	1,293,382	1,768,799	*
EPA Transition Amount	kgs	-	-	(81,281)	(29,719)	(423,449)	(534,448)	*
EPA Amount of All Adjustments kgs		(4,718)	-	(1,134,255)	(286,127)	(2,055,735)	(3,480,835)	
Most Likely Impact Value for Treated Area	kgs	25,672	1,216	275,610	67,316	869,933	1,239,748	*
	ha	147	8	1,575	385	4,971	7,085	*
	Rate	175	150	175	175	175	175	*
Sector Research Amount (kgs)		5,501	2008 Total US Sector Nomination			1,245,249		

1 Pound = 0.453592 kgs 1 Acre = 0.404686 ha

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