

# 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

Commodities

January 16, 2008	Region	California Bean Shippers	California Dried Plum Board	California Walnut Commission	California Date Commission	Sector Total	Notes
Dichotomous Variables	Currently Use Alternatives? Pest-free Requirements?	Yes Yes	Yes Yes	Yes Yes	Yes Yes		
Other Issues	Frequency of Treatment of Product Quarantine & Pre-shipment Removed?	1x per year Yes	1x per year Yes	1x per year Yes	1x per year Yes		
Most Likely Combined Impacts (%)	Regulatory Issues (%) Key Pest Distribution (%)	0% 100%	0% 100%	0% 100%	0% 100%		
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>		
Most Likely Baseline Transition	(%) Able to Transition Minimum # of Years Required	0% 0	0% 0	0% 0	0% 0		
	<b>(%) Able to Transition per Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>		
<b>EPA Adjusted Use Rate (kg/1000m3)</b>		<b>20</b>	<b>21</b>	<b>45</b>	<b>21</b>		
2010 Applicant Requested Usage	<i>Amount - Pounds</i>	16,187	45,000	250,000	7,637	318,824	
	<i>Volume - 1000ft<sup>3</sup></i>	5,560	30,000	88,333	5,901	129,794	
	<i>Rate (lb/1000ft<sup>3</sup>)</i>	2.91	1.50	2.83	1.29	2	
	<b>Amount - Kilograms</b>	<b>7,342</b>	<b>20,412</b>	<b>113,398</b>	<b>3,464</b>	<b>144,616</b>	
	<i>Volume - 1000m<sup>3</sup></i>	157	850	2,501	167	3,675	
	<i>Rate (kg/1000m<sup>3</sup>)</i>	47	24	45	21	39	
<b>EPA Preliminary Value</b>		<b>7,070</b>	<b>18,234</b>	<b>45,401</b>	<b>3,016</b>	<b>73,721</b>	
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate, Miscellaneous Adjustments, and Combined Impacts					
EPA Baseline Adjusted Value	kgs	1,984	15,664	23,349	2,009	43,007	
EPA Transition Amount	kgs	-	-	-	-	-	
<b>EPA Amount of All Adjustments</b>	<b>kgs</b>	<b>(5,086)</b>	<b>(2,570)</b>	<b>(22,052)</b>	<b>(1,007)</b>	<b>(30,714)</b>	
<b>Most Likely Impact Value (kgs)</b>	kgs	<b>1,984</b>	<b>15,664</b>	<b>23,349</b>	<b>2,009</b>	<b>43,007</b>	
	1000m <sup>3</sup>	<b>99</b>	<b>740</b>	<b>519</b>	<b>97</b>	<b>1,455</b>	
	Rate	<b>20</b>	<b>21</b>	<b>45</b>	<b>21</b>	<b>30</b>	
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>		<b>43,007</b>		

1 Pound = 0.453592 kgs      1000 cubic feet= 0.028316847 1000 cubic meters

# 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

Ham

January 16, 2008	Region	Gwaltney of Smithfield	National Country Ham Association	Nahunta Pork Center	American Assoc. of Meat Processors	Sector Total	Notes	
Dichotomous Variables	Currently Use Alternatives?	Yes	Yes	Yes	Yes			
	Pest-free Requirements?	Yes	Yes	Yes	Yes			
Other Issues	Frequency of Treatment of Product	1x per year	1x per year	1x per year	1x per year			
	Quarantine & Pre-Shipment Removed?	Yes	Yes	Yes	Yes			
Most Likely Combined Impacts (%)	Regulatory Issues (%)	0%	0%	0%	0%			
	Key Pest Distribution (%)	100%	100%	100%	100%			
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	0%	0%			
	Minimum # of Years Required	0	0	0	0			
	<b>(%) Able to Transition per Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>			
<b>EPA Adjusted Use Rate (kg/1000m3)</b>		<b>13</b>	<b>17</b>	<b>19</b>	<b>20</b>			
2010 Applicant Requested Usage	Amount - Pounds	6,000	2,738	200	40,000	48,938		
	Volume - 1000ft <sup>3</sup>	6,240	2,650	165	59,600	68,655		
	Rate (lb/1000ft <sup>3</sup> )	0.96	1.03	1.21	1.33	1		
	Amount - Kilograms	2,722	1,242	91	18,144	22,198		
	Volume - 1000m <sup>3</sup>	177	75	5	850	1,106		
	Rate (kg/1000m <sup>3</sup> )	15	17	19	21	20		
<b>EPA Preliminary Value</b>		<b>726</b>	<b>1,242</b>	<b>91</b>	<b>18,144</b>	<b>20,202</b>		
EPA Baseline Adjusted Value has been adjusted for:		IMB TOC Adjustments, QP'S, Double Counting, Growth, Use Rate, Miscellaneous Adjustments, and Combined Impacts						
EPA Baseline Adjusted Value	kgs	726	709	91	2,940	4,465		
EPA Transition Amount	kgs	-	-	-	-	-		
<b>EPA Amount of All Adjustments</b>		<b>-</b>	<b>(533)</b>	<b>-</b>	<b>(15,204)</b>	<b>(15,737)</b>		
<b>Most Likely Impact Value (kgs)</b>	kgs	<b>726</b>	<b>709</b>	<b>91</b>	<b>2,940</b>	<b>4,465</b>		
	1000m <sup>3</sup>	<b>55</b>	<b>43</b>	<b>5</b>	<b>147</b>	<b>250</b>		
	Rate	<b>13</b>	<b>17</b>	<b>19</b>	<b>20</b>	<b>18</b>		
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>		<b>4,465</b>			

1 Pound = 0.453592 kgs  
 1 lb/1000 ft<sup>3</sup> = 0.0624 kg/1000 m<sup>3</sup>

1000 cubic feet = 0.028316847 1000 cubic meters  
 (ounces/1000 ft<sup>3</sup> ~ kg/1000 m<sup>3</sup>)

2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE						NPMA	Notes
January 16, 2008	Region	Processed Foods	Spices and Herbs	Cocoa	Cheese Processing Plants	Sector Total	
Dichotomous Variables	Currently Use Alternatives?	Yes	Yes	<b>Nomination Withdrawn as of June 29, 2007</b>	Yes		
	Pest-free Requirements?	Yes	Yes		Yes		
Other Issues	Frequency of Treatment of Product	1x per year	1x per year		1x per year		
	Quarantine & Pre-Shipment Removed?	Yes	Yes		Yes		
Most Likely Combined Impacts (%)	Regulatory Issues (%)	0%	0%		0%		
	Key Pest Distribution (%)	100%	100%		100%		
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>		<b>100%</b>		
Most Likely Baseline Transition	(%) Able to Transition	84%	84%		0%		
	Minimum # of Years Required	4	4		4		
	(%) Able to Transition per Year	<b>21%</b>	<b>21%</b>		<b>0%</b>		
<b>EPA Adjusted Use Rate (kg/1000m3)</b>		<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>		
2010 Applicant Requested Usage	Amount - Pounds	Pounds	200,000	20,000	4,000	224,000	
	Volume - 1000ft <sup>3</sup>		160,000	16,000	3,200	179,200	
	Rate (lb/1000ft <sup>3</sup> )		1.25	1.25	1.25	1.25	
	Amount - Kilograms	Metric	<b>90,718</b>	<b>9,072</b>	<b>1,814</b>	<b>101,605</b>	
	Volume - 1000m <sup>3</sup>		4,531	453	91	5,074	
	Rate (kg/1000m <sup>3</sup> )		20	20	20	20	
<b>EPA Preliminary Value</b>		kgs	<b>90,718</b>	<b>9,072</b>	<b>1,814</b>	<b>101,605</b>	
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate, Miscellaneous Adjustments, and Combined Impacts					
EPA Baseline Adjusted Value	kgs	90,614	6,591	<b>Nomination Withdrawn as of June 29, 2007</b>	1,812	99,018	
EPA Transition Amount	kgs	(57,087)	(4,153)		-	(61,239)	
<b>EPA Amount of All Adjustments</b>	kgs	<b>(57,191)</b>	<b>(6,633)</b>		<b>(2)</b>	<b>(63,826)</b>	
<b>Most Likely Impact Value (kgs)</b>	kgs	<b>33,527</b>	<b>2,439</b>		<b>1,812</b>	<b>37,778</b>	
	1000m <sup>3</sup>	<b>1,676</b>	<b>122</b>		<b>91</b>	<b>1,889</b>	
	Rate	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>		
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>	<b>37,778</b>			
1 Pound = 0.453592 kgs      1000 cubic feet = 0.028316847 1000 cubic meters 1 lb/1000 ft <sup>3</sup> = 0.0624 kg/1000 m <sup>3</sup> (ounces/1000 ft <sup>3</sup> ~ kg/1000 m <sup>3</sup> )							

# 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

**Structures -  
Food  
Facilities**

January 16, 2008	Region	Rice Millers	Bakeries	Pet Food Institute	North American Millers	Sector Total	Notes
Dichotomous Variables	Currently Use Alternatives?	Yes	Yes	Yes	Yes		
	Pest-free Requirements?	Yes	Yes	Yes	Yes		
Other Issues	Frequency of Treatment of Product	2x per year	3x per year	1x per 3 years	2.5x per year		
	Quarantine & Pre-Shipment Removed?	Yes	Yes	Yes	Yes		
Most Likely Combined Impacts (%)	Regulatory Issues (%)	0%	0%	0%	0%		
	Key Pest Distribution (%)	100%	100%	100%	100%		
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>		
Most Likely Baseline Transition	(%) Able to Transition	90%	72%	75%	58%		
	Minimum # of Years Required	4	4	4	4		
	<b>(%) Able to Transition per Year</b>	<b>23%</b>	<b>18%</b>	<b>19%</b>	<b>15%</b>		
<b>EPA Adjusted Use Rate (kg/1000m3)</b>		<b>20</b>	<b>14</b>	<b>18</b>	<b>19</b>		
2010 Applicant Requested Usage	Amount - Pounds	224,000	-	87,009	562,000	873,009	
	Volume - 1000ft <sup>3</sup>	138,500	-	75,660	465,000	679,160	
	Rate (lb/1000ft <sup>3</sup> )	1.62	-	1.15	1.21	1	
	Amount - Kilograms	101,605	-	39,467	254,919	395,990	
	Volume - 1000m <sup>3</sup>	3,922	-	2,142	13,167	19,232	
	Rate (kg/1000m <sup>3</sup> )	26	-	18	19	21	
<b>EPA Preliminary Value</b>		<b>kgs</b>	<b>101,605</b>	<b>-</b>	<b>39,467</b>	<b>254,919</b>	<b>395,990</b>
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate, Miscellaneous Adjustments, and Combined Impacts					
EPA Baseline Adjusted Value	kgs	78,438	-	31,364	254,919	364,721	
EPA Transition Amount	kgs	(63,927)	-	(17,642)	(91,158)	(172,727)	
<b>EPA Amount of All Adjustments</b>	<b>kgs</b>	<b>(87,094)</b>	<b>-</b>	<b>(25,745)</b>	<b>(91,158)</b>	<b>(203,997)</b>	
<b>Most Likely Impact Value (kgs)</b>	kgs	<b>14,511</b>	<b>-</b>	<b>13,722</b>	<b>163,760</b>	<b>191,993</b>	
	1000m <sup>3</sup>	<b>726</b>	<b>-</b>	<b>745</b>	<b>8,459</b>	<b>9,929</b>	
	Rate	<b>20</b>	<b>-</b>	<b>18</b>	<b>19</b>	<b>19</b>	
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>		<b>191,993</b>		

1 Pound = 0.453592 kgs      1000 cubic feet = 0.028316847 1000 cubic meters  
 1 lb/1000 ft<sup>3</sup> = 0.0624 kg/1000 m<sup>3</sup>      (ounces/1000 ft<sup>3</sup> ~ kg/1000 m<sup>3</sup>)

**2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE** **Cucurbits**

January 23, 2008		Region	Michigan Cucurbit	Mardel Cucurbit	Southeast Cucurbit	Georgia - Squash	Georgia - Cucumber	Georgia - Melon	Sector Total	Notes	
Other Considerations	Marginal Strategy Among Best Strategies & Economic Analysis (See Chapter)	Possible Regime	Metam+Pic	Telone+Pic	Telone+Pic	Telone+Pic	Telone+Pic	Telone+Pic			
		Loss Estimate (%) - Yield (Y), Quality (Q), Market Window (M), Time (T)	47% Y + T	29% Y	29% Y	29% Y	29% Y	29% Y	29% Y		
		Loss per Hectare (US\$/ha)	\$ 2,232	\$ 2,883	\$ 2,883	\$ 3,510	\$ 4,561	\$ 3,233			
		Loss per Kg of MeBr (US\$/kg)	\$ 46	\$ 19	\$ 19	\$ 23	\$ 30	\$ 22			
Dichotomous Variables (Y/N)	Strip or Bed Treatment?	Strip	Strip	Strip	Strip	Strip	Strip				
	Currently Use Alternatives?	Yes	Yes	Yes	Yes	Yes	Yes				
	Tarps / Deep Injection Used?	Tarp	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	1x per year				
	Change in CUE Request	increase	new	increase	same	same	same	increase			
Most Likely Combined Impacts (%)	Florida Telone Restrictions	%	0%	0%	0%	8%	8%	8%			
	100 ft Buffer Zones	%	0%	0%	0%	0%	0%	0%			
	Key Pest Distribution	%	100%	100%	60%	60%	56%	63%			
	Regulatory Issues	%	0%	0%	0%	0%	0%	0%			
	Unsuitable Terrain	%	0%	0%	0%	0%	0%	0%			
	Cold Soil Temperature	%	100%	0%	0%	0%	0%	0%			
<b>Total Combined Impacts</b>		<b>%</b>	<b>100%</b>	<b>100%</b>	<b>60%</b>	<b>63%</b>	<b>60%</b>	<b>66%</b>			
Most Likely Baseline Transition	(%) Able to Transition		0%	0%	32%	33%	37%	24%			
	Minimum # of Years Required		0	0	7	7	7	7			
	(%) Able to Transition / Year		0%	0%	5%	5%	5%	3%			
<b>Joint Adjusted Use Rate</b>		kg/ha	<b>150</b>	<b>150</b>	<b>167</b>	<b>167</b>	<b>165</b>	<b>168</b>			
<b>Joint Adjusted Dosage Rate</b>		g/m2	15.0	15.0	16.7	16.7	16.5	16.8			
2010 US CUE Application Information	Amount - Pounds	Pounds	72,000	20,100	2,318,200	204,752	148,204	541,896	3,305,152		
	Area - Acres		673	1,000	17,300	1,528	1,106	4,044	25,651		
	Rate (lb/A)		106.98	20.10	134.00	134.00	134.00	134.00	129		
	Amount - Kilograms	Metric	<b>32,659</b>	<b>9,117</b>	<b>1,051,517</b>	<b>92,874</b>	<b>67,224</b>	<b>245,800</b>	<b>1,499,191</b>		
	Treated Area - Hectares		272	405	7,001	618	448	1,637	10,381		
Rate (kg/ha)			120	23	150	150	150	150	144		
<b>EPA Preliminary Value</b>		kgs	<b>26,592</b>	<b>9,117</b>	<b>753,688</b>	<b>92,874</b>	<b>67,224</b>	<b>245,739</b>	<b>1,195,235</b>		
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	16,632	9,117	290,504	29,689	22,102	90,774	458,818	*	
EPA Transition Amount		kgs	-	-	(80,552)	(8,472)	(6,752)	(22,637)	(118,413)	*	
<b>EPA Amount of All Adjustments</b>		kgs	<b>(9,960)</b>	<b>-</b>	<b>(543,737)</b>	<b>(71,657)</b>	<b>(51,874)</b>	<b>(177,602)</b>	<b>(854,830)</b>		
<b>Most Likely Impact Value for Treated Area</b>		kgs	<b>16,632</b>	<b>9,117</b>	<b>209,951</b>	<b>21,217</b>	<b>15,350</b>	<b>68,137</b>	<b>340,405</b>	*	
		ha	<b>111</b>	<b>61</b>	<b>1,260</b>	<b>127</b>	<b>93</b>	<b>406</b>	<b>2,058</b>		
		Rate	<b>150</b>	<b>150</b>	<b>167</b>	<b>167</b>	<b>165</b>	<b>168</b>	<b>165</b>	*	
<b>Sector Research Amount (kgs)</b>			<b>-</b>			<b>2010 Total US Sector Nomination</b>		<b>340,405</b>		*	

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha

## 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

## Eggplant

January 23, 2008	Region	Michigan Eggplant	Florida Eggplant	Georgia Eggplant	Sector Total or Average	Notes
Other Considerations	Marginal Strategy - Among Best Strategies & Economic Analysis (See Chapter)	Possible Regime	Telone+Pic	Telone+Pic	Telone+Pic	
		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%	65%	8%		
	100 ft Buffer Zones (%)	0%	1%	0%		
	Key Pest Distribution (%)	75%	53%	53%		
	Regulatory Issues (%)	0%	0%	0%		
	Unsuitable Terrain (%)	0%	0%	0%		
	Cold Soil Temperature (%)	100%	0%	0%		
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>84%</b>	<b>57%</b>		
Most Likely Baseline Transition	(%) Able to Transition	0%	25%	25%		
	Minimum # of Years Required	0	7	7		
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>4%</b>	<b>4%</b>		
<b>Joint Adjusted Use Rate</b>		kg/ha	<b>150</b>	<b>165</b>	<b>165</b>	*
Joint Adjusted Dosage Rate		g/m2	15.0	16.5	16.5	
2010 US CUE Application Information	Amount - Pounds	Pounds	10,000	102,751	107,736	220,487
	Area - Acres		93	750	804	1,647
	Rate (lb/A)		107.53	137.00	134.00	134
	Amount - Kilograms	Metric	4,536	46,607	48,868	100,011
	Treated Area - Hectares		38	304	325	667
	Rate (kg/ha)		121	154	150	150
<b>EPA Preliminary Value</b>		kgs	<b>3,799</b>	<b>46,607</b>	<b>48,868</b>	<b>99,274</b>
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	2,742	24,247	17,356	44,345
EPA Transition Amount		kgs	-	(5,403)	(4,209)	(9,612)
<b>EPA Amount of All Adjustments</b>		kgs	<b>(1,057)</b>	<b>(27,764)</b>	<b>(35,721)</b>	<b>(64,541)</b>
<b>Most Likely Impact Value for Treated Area</b>		kgs	<b>2,742</b>	<b>18,843</b>	<b>13,147</b>	<b>34,732</b>
		ha	<b>18</b>	<b>114</b>	<b>80</b>	<b>213</b>
		Rate	<b>150</b>	<b>165</b>	<b>165</b>	<b>163</b>
<b>Sector Research Amount (kgs)</b>			<b>-</b>	<b>2010 Total US Sector Nomination</b>		<b>34,732</b>

1 Pound =

0.453592

kgs

1 Acre =

0.404686 ha

# 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

**Peppers**

January 23, 2008		Region	Southeast Pepper	Georgia Pepper	Florida Pepper	Michigan Pepper	California Pepper	Sector Total or Average	Notes
Other Considerations	Marginal Strategy Among Best Strategies & Economic Analysis (See Chapter)	Possible Regime Loss Estimate (%) - Yield (Y) Quality (Q) Market Window (M) Loss per Hectare (US\$/ha) Loss per Kg of MeBr (US\$/kg) Loss as a % of Gross Revenue Loss as a % of Net Op Revenue	Telone+Pic, Metam-Sodium 29% \$ 8,954 \$ 60 29% 76%	Telone+Pic, Metam-Sodium 29% \$ 7,368 \$ 49 21% 112%	Telone+Pic, Metam-Sodium 29% \$ 6,724 \$ 45 23% 73%	Telone + Pic $\frac{2270 - 070(T) + 1690(T)}{1690(T)}$ \$ 933 \$ 19 4% 100%	Telone + Pic 6% \$ 1,194 \$ 8 6% 29%		
	Dichotomous Variables (Y/N)	Strip or Bed Treatment? Currently Use Alternatives? Tarps / Deep Injection Used?	Strip Yes Tarp	Strip Yes Tarp	Strip Yes Tarp	Strip Yes Tarp	Flat Yes		
	Other Issues	Frequency of Treatment (x/ yr) Change in CUE Request	1x per year increase	1x per year increase	1x per year increase	1x per year increase	1x per year same	increase	
	Most Likely Combined Impacts (%)	Florida Telone Restrictions 100 ft Buffer Zones Key Pest Distribution Regulatory Issues Unsuitable Terrain Cold Soil Temperature <b>Total Combined Impacts</b>	% 0% 0% 71% 0% 0% 0% 71%	% 8% 0% 71% 0% 0% 0% 74%	% 70% 1% 71% 0% 0% 0% 91%	% 0% 0% 75% 0% 0% 75% 94%	% 0% 0% 62% 24% 0% 0% 70%		
Most Likely Baseline Transition	(%) Able to Transition Minimum # of Years Required <b>(%) Able to Transition / Year</b>	54% 7 8%	53% 7 8%	47% 7 7%	0% 0 0%	75% 5 15%			
<b>Joint Adjusted Use Rate</b>		kg/ha	<b>170</b>	<b>170</b>	<b>170</b>	<b>150</b>	<b>150</b>		*
Joint Adjusted Dosage Rate		g/m2	17.0	17.0	17.0	15.0	15.0		
2010 US CUE Application Information	Amount - Pounds	Pounds	720,250	765,408	2,080,000	41,000	80,000	3,686,658	
	Area - Acres		5,375	5,712	20,800	383	500	32,770	
	Rate (lb/A)		134.00	134.00	100.00	107.05	160.00	113	
	Amount - Kilograms	Metric	<b>326,700</b>	<b>347,183</b>	<b>943,471</b>	<b>18,597</b>	<b>36,287</b>	<b>1,672,239</b>	
Treated Area - Hectares		2,175	2,312	8,417	155	202	13,262		
Rate (kg/ha)		150	150	112	120	179	126		
<b>EPA Preliminary Value</b>		kgs	<b>112,445</b>	<b>338,248</b>	<b>943,471</b>	<b>15,195</b>	<b>-</b>	<b>1,409,360</b>	
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	52,572	163,251	756,560	10,329	-	982,713	*
EPA Transition Amount		kgs	(25,622)	(66,062)	(232,076)	-	-	(323,761)	*
<b>EPA Amount of All Adjustments</b>		kgs	<b>(85,495)</b>	<b>(241,059)</b>	<b>(418,988)</b>	<b>(4,866)</b>	<b>-</b>	<b>(750,408)</b>	
<b>Most Likely Impact Value for Treated Area</b>		kgs	<b>26,950</b>	<b>97,189</b>	<b>524,484</b>	<b>10,329</b>	<b>-</b>	<b>658,952</b>	*
		ha	<b>159</b>	<b>572</b>	<b>3,086</b>	<b>69</b>	<b>-</b>	<b>3,885</b>	
		Rate	<b>170</b>	<b>170</b>	<b>170</b>	<b>150</b>	<b>-</b>	<b>170</b>	*
<b>Sector Research Amount (kgs)</b>			<b>-</b>	<b>2010 Total US Sector Nomination</b>			<b>658,952</b>	<b>*</b>	

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha

# 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

## Strawberry Fruit

January 23, 2008		Region	CA Strawberry Commission	Eastern Strawberry	Florida FFVA Strawberry	Sector Total or Average	Notes
Other Considerations	Marginal Strategy Among Best Strategies & Economic Analysis (See Chapter)	Possible Regime	Telone+Pic	Telone+Pic	Telone+Pic		
		Loss Estimate (%) - Yield (Y), Quality (Q), Market Window (M), Time (T)	14% Yield Loss	14% Yield Loss	14% Yield Loss		
		Loss per Hectare (US\$/ha)	\$ 11,817	\$ 9,319	\$ 6,720		
		Loss per Kg of MeBr (US\$/kg)	\$ 59	\$ 62	\$ 33		
		Loss as a % of Gross Revenue	16%	18%	12%		
		Loss as a % of Net Op Revenue	87%	42%	62%		
	Dichotomous Variables (Y/N)	Strip or Bed Treatment?	Flat Fumigation	Strip	Strip		
		Currently Use Alternatives?	Yes	Yes	Yes		
		Tarps / Deep Injection Used?		Tarp	Tarp		
	Other Issues	Frequency of Treatment (x/ yr)	1x per year	1x per year	1x per year		
Change in CUE Request		decrease	increase	same	decrease		
Most Likely Combined Impacts (%)	Florida Telone Restrictions	%	0%	0%	63%		
	100 ft Buffer Zones	%	0%	40%	1%		
	Key Pest Distribution	%	100%	37%	37%		
	Regulatory Issues	%	52%	0%	0%		
	Unsuitable Terrain	%	15%	0%	0%		
	Cold Soil Temperature	%	0%	0%	0%		
<b>Total Combined Impacts</b>		<b>%</b>	<b>100%</b>	<b>62%</b>	<b>77%</b>		
Most Likely Baseline Transition	(%) Able to Transition		0%	31%	31%		
	Minimum # of Years Required		0	7	7		
	(%) Able to Transition / Year		0%	4%	4%		
<b>Joint Adjusted Use Rate</b>		kg/ha	<b>196</b>	<b>160</b>	<b>160</b>		*
Joint Adjusted Dosage Rate		g/m2	19.6	16.0	16.0		
2010 US CUE Application Information	Amount - Pounds	Pounds	2,100,000	846,411	1,278,000	4,224,411	
	Area - Acres		12,000	6,228	7,100	25,328	
	Rate (lb/A)		175.00	135.90	180.00	167	
	Amount - Kilograms	Metric	952,543	383,925	579,691	1,916,159	
	Treated Area - Hectares		4,856	2,520	2,873	10,250	
	Rate (kg/ha)		196	152	202	187	
<b>EPA Preliminary Value</b>		kgs	<b>952,543</b>	<b>272,908</b>	<b>579,691</b>	<b>1,805,142</b>	
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	952,543	89,484	190,524	1,232,551	*
EPA Transition Amount		kgs	-	(13,653)	(27,083)	(40,736)	*
<b>EPA Amount of All Adjustments</b>		kgs	-	<b>(197,077)</b>	<b>(416,250)</b>	<b>(613,327)</b>	
<b>Most Likely Impact Value for Treated Area</b>		kgs	<b>952,543</b>	<b>75,832</b>	<b>163,440</b>	<b>1,191,815</b>	*
		ha	<b>4,856</b>	<b>474</b>	<b>1,022</b>	<b>6,352</b>	
		Rate	<b>196</b>	<b>160</b>	<b>160</b>	<b>188</b>	*
<b>Sector Research Amount (kgs)</b>			-	<b>2010 Total US Sector Nomination</b>		<b>1,191,815</b>	*

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha

## 2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE

**Tomato**

January 23, 2008	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	\$ 6,998		
	Loss per Kg of MeBr (US\$/kg)	\$ 16	\$ 36	\$ 36	\$ 30	\$ 45		
	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	increase	New	decrease	same	decrease		decrease
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	6%	11%	55%		
	100 ft Buffer Zones (%)	0%	0%	0%	0%	0%		
	Key Pest Distribution (%)	100%	100%	45%	45%	45%		
	Regulatory Issues (%)	0%	0%	0%	0%	0%		
	Unsuitable Terrain (%)	0%	0%	0%	0%	0%		
	Cold Soil Temperature (%)	100%	0%	0%	0%	0%		
<b>Total Combined Impacts (%)</b>		<b>100%</b>	<b>100%</b>	<b>48%</b>	<b>51%</b>	<b>75%</b>		
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	61%	56%	58%		
	Minimum # of Years Required	0	0	7	7	7		
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>0%</b>	<b>9%</b>	<b>8%</b>	<b>8%</b>		
<b>Joint Adjusted Use Rate</b>		kg/ha	<b>150</b>	<b>150</b>	<b>163</b>	<b>163</b>	<b>163</b>	
<b>Joint Adjusted Dosage Rate</b>		g/m2	15.0	15.0	16.3	16.3	16.3	
2010 Applicant Requested Usage	<i>Amount - Pounds</i>	Pounds	80,000	2,680	2,935,470	779,210	6,213,465	10,010,825
	<i>Area - Acres</i>		748	100	23,325	5,815	46,645	76,633
	<i>Rate (lb/A)</i>		106.95	26.80	119.04	134.00	133.21	131
	<b>Amount - Kilograms</b>	Metric	<b>36,287</b>	<b>1,216</b>	<b>1,331,506</b>	<b>353,443</b>	<b>2,818,378</b>	<b>4,540,830</b>
	<i>Treated Area - Hectares</i>		303	40	9,439	2,353	18,877	31,012
	<i>Rate (kg/ha)</i>		120	30	133	150	149	146
<b>EPA Preliminary Value</b>		kgs	<b>30,391</b>	<b>1,216</b>	<b>1,242,036</b>	<b>353,443</b>	<b>2,818,378</b>	<b>4,445,464</b>
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	15,211	1,216	343,587	113,333	1,329,529	1,802,876	*
EPA Transition Amount	kgs	-	-	(160,070)	(52,276)	(577,688)	(790,034)	*
<b>EPA Amount of All Adjustments</b>		kgs	<b>(15,180)</b>	<b>-</b>	<b>(1,076,778)</b>	<b>(292,386)</b>	<b>(2,066,537)</b>	<b>(3,450,881)</b>
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>15,211</b>	<b>1,216</b>	<b>165,257</b>	<b>61,057</b>	<b>751,841</b>	<b>994,582</b>	*
	ha	<b>101</b>	<b>8</b>	<b>1,016</b>	<b>376</b>	<b>4,625</b>	<b>6,114</b>	*
	Rate	<b>150</b>	<b>150</b>	<b>163</b>	<b>163</b>	<b>163</b>	<b>163</b>	*
<b>Sector Research Amount (kgs)</b>			<b>-</b>	<b>2010 Total US Sector Nomination</b>			<b>994,582</b>	*

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha

2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE							Forest Seedlings		
January 16, 2008	Region	Southern Forest Nursery	International Paper	Weyerhaeuser (SE)	Weyerhaeuser (NW)	NE Forest & Conserv. Nursery	Michigan Seedling Assoc.	Sector Total	Notes
Dichotomous Variables	Strip or Bed Treatment? Currently Use Alternatives? Tarps / Deep Injection Used? Pest-free Cert Requirements?	Flat Fume Yes Tarp Yes	Flat Fume Yes Tarp Yes	Flat Fume Yes Tarp Yes	Flat Fume Yes Tarp Yes	Flat Fume Yes Tarp Yes	Flat Fume Yes Tarp Yes		
Other Issues	Frequency of Treatment (x/ yr) QPS Removed?	1x/4years Yes	1x/4years Yes	1x/4years Yes	1x/3years Yes	1x/1-3years Yes	1x/3-4years Yes		*
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	0%	0%	0%	0%		
	100 ft Buffer Zones (%)	0%	0%	0%	0%	0%	0%		
	Key Pest Distribution (%)	100%	100%	100%	100%	100%	100%		
	Regulatory Issues (%)	0%	0%	0%	0%	0%	0%		
	Unsuitable Terrain (%)	0%	0%	0%	0%	0%	0%		
	Cold Soil Temperature (%)	0%	0%	0%	0%	0%	0%		
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>		
Most Likely Baseline Transition	(%) Able to Transition Minimum # of Years Required	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	0% 0	
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	
<b>EPA Adjusted Use Rate (kg/ha)</b>		<b>260</b>	<b>260</b>	<b>260</b>	<b>211</b>	<b>260</b>	<b>260</b>		
EPA Adjusted Strip Dosage Rate (g/m2)		26.0	26.0	26.0	21.1	26.0	26.0		
2010 Requested Usage	Amount - Pounds	542,408	16,464	39,600	43,647	30,800	17,293	690,212	
	Area - Acres	1,621	48	132	215	146	68	2,230	
	Rate (lb/A)	334.61	343.00	300.00	203.01	210.96	254.31	310	
	Amount - Kilograms	246,032	7,468	17,962	19,798	13,971	7,844	313,075	
	Treated Area - Hectares	656	19	53	87	59	28	902	
	Rate (kg/ha)	375	384	336	228	236	285	347	
<b>EPA Preliminary Value</b>		<b>kgs 246,032</b>	<b>7,468</b>	<b>17,962</b>	<b>16,491</b>	<b>13,971</b>	<b>6,908</b>	<b>308,832</b>	
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate/Strip Treatment, Miscellaneous, and Combined Impacts							
EPA Baseline Adjusted Value	kgs	66,340	5,050	13,889	15,302	13,971	6,301	120,853	
EPA Transition Amount	kgs	-	-	-	-	-	-	-	
<b>EPA Amount of All Adjustments</b>	kgs	<b>(179,692)</b>	<b>(2,417)</b>	<b>(4,073)</b>	<b>(1,189)</b>	<b>-</b>	<b>(607)</b>	<b>(187,978)</b>	
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>66,340</b>	<b>5,050</b>	<b>13,889</b>	<b>15,302</b>	<b>13,971</b>	<b>6,301</b>	<b>120,853</b>	
	ha	<b>255</b>	<b>19</b>	<b>53</b>	<b>72</b>	<b>54</b>	<b>24</b>	<b>478</b>	
	Rate	<b>260</b>	<b>260</b>	<b>260</b>	<b>211</b>	<b>260</b>	<b>260</b>	<b>253</b>	
<b>Sector Research Amount (kgs)</b>		<b>-</b>			<b>2010 Total US Sector Nomination</b>			<b>120,853</b>	

1 Pound = 0.453592 kgs      1 Acre = 0.404686

2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE					Nursery Stock
January 16, 2008	Region	Western Raspberry Nursery	CA Rose Growers	CA Assoc of Nursery and Garden Centers	Sector Total or Average
Dichotomous Variables	Strip or Bed Treatment?	No	No	No	
	Currently Use Alternatives?	No	No	Yes	
	Tarps / Deep Injection Used?	Tarp	Tarp	Tarp	
	Pest-free Cert Requirements?	Yes	Yes	Yes	
Other Issues	Frequency of Treatment (x/ yr)	1x/ 3-4 years	1x/ 4 years	1x/ 3 years	
	QPS Removed?	Yes	Yes	Yes	
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	0%	
	100 ft Buffer Zones (%)	0%	0%	0%	
	Key Pest Distribution (%)	100%	100%	100%	
	Regulatory Issues (%)	0%	31%	20%	
	Unsuitable Terrain (%)	0%	0%	0%	
	Cold Soil Temperature (%)	0%	0%	0%	
<b>Total Combined Impacts (%)</b>		<b>100%</b>	<b>100%</b>	<b>100%</b>	
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	0%	
	Minimum # of Years Required	0	0	0	
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	
<b>EPA Adjusted Use Rate (kg/ha)</b>		<b>196</b>	<b>191</b>	<b>210</b>	
EPA Adjusted Strip Dosage Rate (g/m2)		19.6	19.1	21.0	
2010 Requested Usage	Amount - Pounds	56,000	6,000	36,050	98,050
	Area - Acres	320	20	103	443
	Rate (lb/A)	175.00	300.00	350.00	221
	Amount - Kilograms	25,401	2,722	16,352	44,475
	Treated Area - Hectares	129	8	42	179
	Rate (kg/ha)	196	336	392	248
<b>EPA Preliminary Value</b>		<b>25,401</b>	<b>1,579</b>	<b>11,289</b>	<b>38,269</b>
EPA Baseline Adjusted Value has been adjusted		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate/Strip Treatment,			
EPA Baseline Adjusted Value	kgs	9,489	1,020	7,445	17,954
EPA Transition Amount	kgs	-	-	-	-
<b>EPA Amount of All Adjustments</b>		<b>(15,912)</b>	<b>(558)</b>	<b>(3,844)</b>	<b>(20,314)</b>
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>9,489</b>	<b>1,020</b>	<b>7,445</b>	<b>17,954</b>
	ha	<b>48</b>	<b>5</b>	<b>35</b>	<b>89</b>
	Rate	<b>196</b>	<b>191</b>	<b>210</b>	<b>201</b>
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>		<b>17,954</b>

1 Pound =

0.453592

kgs

1 Acre =

0.404686

ha

2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE							Orchard Replant	Sector Total or Average	Notes
January 23, 2008	Region	CA G&TFL - Stone Fruit	CA G&TFL - Raisin Grape	CA Walnut Commission	Almond Hullers & Processors	CA Wine Grapes Replant			
Dichotomous Variables	Strip or Bed Treatment?	Strip	Strip	Strip	Strip	Strip			
	Currently Use Alternatives?	Yes	Yes	Yes	Yes	Yes			
	Tarps / Deep Injection Used?	Deep	Deep	Deep	Deep	Deep			
	Pest-free Cert Requirements?	No	No	No	No	No			
Other Issues	Frequency of Treatment (x/ yr)	1x/ 22 years	1x/ 22 years	1x/ 40 years	1x/ 20 year	1x/ 25 years		*	
	QPS Removed?	Yes	Yes	Yes	Yes	Yes			
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	0%	0%	0%			
	100 ft Buffer Zones (%)	0%	0%	0%	0%	0%			
	Key Pest Distribution (%)	55%	48%	85%	46%	48%			
	Regulatory Issues (%)	3%	4%	6%	25%	4%			
	Unsuitable Terrain (%)	0%	0%	0%	0%	0%			
	Unsuitable Soil (%)	0%	0%	0%	0%	0%			
<b>Total Combined Impacts (%)</b>		<b>56%</b>	<b>50%</b>	<b>86%</b>	<b>59%</b>	<b>50%</b>			
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	0%	0%	0%			
	Minimum # of Years Required	0	0	0	0	0			
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>			
<b>EPA Adjusted Use Rate (kg/ha)</b>		<b>133</b>	<b>164</b>	<b>133</b>	<b>133</b>	<b>164</b>			
EPA Adjusted Strip Dosage Rate (g/m2)		20.4	25.2	20.4	20.4	25.2			
2010 Requested Usage	Amount - Pounds	1,472,526	682,243	250,000	100,000	202,800	2,707,569		
	Area - Acres	7,326	2,000	2,000	900	676	12,902		
	Rate (lb/A)	201.00	341.12	125.00	111.11	300.00	210		
	Amount - Kilograms	<b>667,926</b>	<b>309,460</b>	<b>113,398</b>	<b>45,359</b>	<b>91,988</b>	<b>1,228,132</b>		
	Treated Area - Hectares	2,965	809	809	364	274	5,221		
Rate (kg/ha)	225	382	140	125	336	235			
<b>EPA Preliminary Value</b>		<b>667,926</b>	<b>165,561</b>	<b>113,398</b>	<b>45,359</b>	<b>91,988</b>	<b>1,084,233</b>		
EPA Baseline Adjusted Value has been adjusted		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate/Strip							
EPA Baseline Adjusted Value	kgs	153,333	9,255	22,255	18,887	22,290	226,021		
EPA Transition Amount	kgs	-	-	-	-	-	-		
<b>EPA Amount of All Adjustments</b>	kgs	<b>(514,593)</b>	<b>(156,306)</b>	<b>(91,143)</b>	<b>(26,472)</b>	<b>(69,698)</b>	<b>(858,212)</b>		
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>153,333</b>	<b>9,255</b>	<b>22,255</b>	<b>18,887</b>	<b>22,290</b>	<b>226,021</b>		
	ha	<b>752</b>	<b>37</b>	<b>109</b>	<b>93</b>	<b>88</b>	<b>1,078</b>		
	Rate	<b>204</b>	<b>252</b>	<b>204</b>	<b>204</b>	<b>252</b>	<b>210</b>		
<b>Sector Research Amount (kgs)</b>		<b>-</b>	<b>2010 Total US Sector Nomination</b>			<b>226,021</b>			

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha

2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE						Ornamentals	Notes	
January 16, 2008	Region	California Cut Flower Commission	New York Ornamentals	Michigan Herbaceous Perennials	Florida Cut Flowers	Sector Total or Average		
Dichotomous Variables	Strip or Bed Treatment? Currently Use Alternatives? Tarps / Deep Injection Used? Pest-free Cert Requirements?	No Yes Tarps No	- - - -	No Yes Tarps No	No Yes Tarps No			
Other Issues	Frequency of Treatment (x/ yr) QPS Removed?	1x/ year Yes	- Yes	1x/ year Yes	1x/ year Yes		*	
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%	0%	0%	40%			
	100 ft Buffer Zones (%)	0%	0%	0%	0%			
	Key Pest Distribution (%)	100%	100%	100%	100%			
	Regulatory Issues (%)	27%	0%	0%	0%			
	Unsuitable Terrain (%)	0%	0%	0%	0%			
	Cold Soil Temperature (%)	0%	0%	0%	0%			
	<b>Total Combined Impacts (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			
Most Likely Baseline Transition	(%) Able to Transition	0%	0%	0%	0%			
	Minimum # of Years Required	0	0	0	0			
	<b>(%) Able to Transition / Year</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>			
<b>EPA Adjusted Use Rate (kg/ha)</b>		<b>211</b>	<b>732</b>	<b>200</b>	<b>224</b>			
EPA Adjusted Strip Dosage Rate (g/m2)		21.1	73.2	20.0	22.4			
2010 Requested Usage	Amount - Pounds	155,000	700	11,941	1,372,000	1,539,641		
	Area - Acres	656	0.92	38	3,500	4,196		
	Rate (lb/A)	236	762	314	392	367		
	Amount - Kilograms	70,307	318	5,416	622,328	698,369		
	Treated Area - Hectares	265	0.37	15	1,416	1,698		
	Rate (kg/ha)	265	854	352	439	411		
<b>EPA Preliminary Value</b>		<b>70,307</b>	<b>318</b>	<b>4,763</b>	<b>79,379</b>	<b>154,766</b>		
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate/Strip Treatment, Miscellaneous, and Combined Impacts						
EPA Baseline Adjusted Value	kgs	67,946	272	2,705	40,469	111,391		
EPA Transition Amount	kgs	-	-	-	-	-		
<b>EPA Amount of All Adjustments</b>	kgs	<b>(2,361)</b>	<b>(45)</b>	<b>(2,058)</b>	<b>(38,910)</b>	<b>(43,375)</b>		
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>67,946</b>	<b>272</b>	<b>2,705</b>	<b>40,469</b>	<b>111,391</b>		
	ha	<b>323</b>	<b>0.37</b>	<b>14</b>	<b>181</b>	<b>517</b>		
	Rate	<b>211</b>	<b>732</b>	<b>200</b>	<b>224</b>	<b>215</b>		
<b>Sector Research Amount (kgs)</b>		<b>-</b>		<b>2010 Total US Sector Nomination</b>		<b>111,391</b>		

1 Pound = 0.453592 kgs      1 Acre = 0.404686 ha



2010 Methyl Bromide Usage Newer Numerical Index - BUNNIE			Sweet Potato Slips		
January 16, 2008	Region	Sweet Potato Council of California - Sweet Potato Slips		Sector Total or Average	Notes
Dichotomous Variables	Strip or Bed Treatment? Currently Use Alternatives? Tarps / Deep Injection Used? Pest-free Cert Requirements?	Flat Fumigation No Tarps No			
Other Issues	Frequency of Treatment (x/ yr) QPS Removed?	1x/year Yes			
Most Likely Combined Impacts (%)	Florida Telone Restrictions (%)	0%			
	100 ft Buffer Zones (%)	0%			
	Key Pest Distribution (%)	0%			
	Regulatory Issues (%)	100%			
	Unsuitable Terrain (%)	0%			
<b>Total Combined Impacts (%)</b>		<b>100%</b>			
Most Likely Baseline Transition	(%) Able to Transition	0%			
	Minimum # of Years Required	0			
<b>(%) Able to Transition / Year</b>		<b>0%</b>			
<b>EPA Adjusted Use Rate (kg/ha)</b>			<b>224</b>		
EPA Adjusted Strip Dosage Rate (g/m2)			22		
2010 Requested Usage	Amount - Pounds	Pounds	40,000	40,000	
	Area - Acres		200	200	
	Rate (lb/A)		200.00	200	
	Amount - Kilograms	Metric	18,144	18,144	
	Treated Area - Hectares		81	81	
	Rate (kg/ha)		224	224	
<b>EPA Preliminary Value</b>		<b>kgs</b>	<b>18,144</b>	<b>18,144</b>	
EPA Baseline Adjusted Value has been adjusted for:		MBTOC Adjustments, QPS, Double Counting, Growth, Use Rate/Strip Treatment, Miscellaneous, and Combined Impacts			
EPA Baseline Adjusted Value	kgs	18,144	18,144		
EPA Transition Amount	kgs	-	-		
<b>EPA Amount of All Adjustments</b>	kgs	-	-		
<b>Most Likely Impact Value for Treated Area</b>	kgs	<b>18,144</b>	<b>18,144</b>		
	ha	<b>81</b>	<b>81</b>		
	Rate	<b>224</b>	<b>224</b>		
<b>Sector Research Amount (kgs)</b>	-	<b>2010 Total US Sector Nomination</b>	<b>18,144</b>		

1 Pound =

0.453592

kgs

1 Acre =

0.404686 ha