

Methyl Bromide Critical Use Exemption Process

2007 Methyl Bromide Usage Numerical Index (BUNI)

Date: **1/28/2005**
Sector: **STRAWBERRY NURSERY**

Average Hectares in the US:
% of Average Hectares Requested:

Not Available

| 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) | | 2001 & 2002 Average | Requested % | |
| CALIFORNIA | 137,464 | 522 | 263 | 365,045 | 1,386 | 263 | 99% | Not Available | 454 | |
| SOUTHEASTERN US | 43,292 | 105 | 413 | 28,499 | 69 | 413 | 89% | | | |
| TOTAL OR AVERAGE | 180,756 | 627 | 288 | 393,544 | 1,455 | 270 | 94% | | | |

| 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) |
| CALIFORNIA | 137,464 | - | - | - | 136,089 | 1,375 | 1,375 | 1,375 | 5 | 263 |
| SOUTHEASTERN US | 43,292 | - | 14,793 | 4,370 | 21,475 | 2,654 | 2,654 | 2,654 | 8 | 350 |
| Nomination Amount | 180,756 | 180,756 | 165,963 | 161,593 | 4,029 | 4,029 | 4,029 | 4,029 | 13 | 315 |
| % Reduction from Initial Request | 0% | 0% | 8% | 11% | 98% | 98% | 98% | 98% | 98% | -9% |

| Adjustments to Requested Amounts | Use Rate (kg/ha) | | (% Karst (Telone)) | | (% 100 ft Buffer Zones) | | (% Key Pest Distribution) | | Regulatory Issues (%) | | Unsuitable Terrain (%) | | Cold Soil Temp (%) | | Combined Impacts (%) | |
|----------------------------------|------------------|-----|--------------------|-----|-------------------------|-----|---------------------------|-----|-----------------------|-----|------------------------|-----|--------------------|-----|----------------------|------|
| | Low | EPA | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low | HIGH | LOW |
| CALIFORNIA | 263 | 263 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | 100% |
| SOUTHEASTERN US | 413 | 350 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100% | 100% |

| 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 | Taps / Deep Injection Used | Pest-free Cert. Requirement | 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 Revenue |
| CALIFORNIA | No | Yes | Yes | Tarp | Yes | + | Yes | 2-5 years | \$ 4,606 | \$ 17 | 10% | 46% | 10% | 1,3-D + Pic |
| SOUTHEASTERN US | No | Yes | Yes | Tarp | Yes | + | Yes | 2-5 years | \$ 5,469 | \$ 13 | 13% | 46% | 10% | 1,3-D + Pic |

* Growth calculated after subtracting QPS

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