

***Methyl Bromide***  
***Supplying the Critical Need***

James Nicol  
Great Lakes Chemical Corp.  
October 31<sup>st</sup> 2004

# *Non-Exempt Use Reduced By 65%*

## **Significant Investment**

- USDA/EPA \$120 million
- Multilateral fund of the Montreal Protocol \$80 million
- Industry \$??? Million

## **Industry innovation**

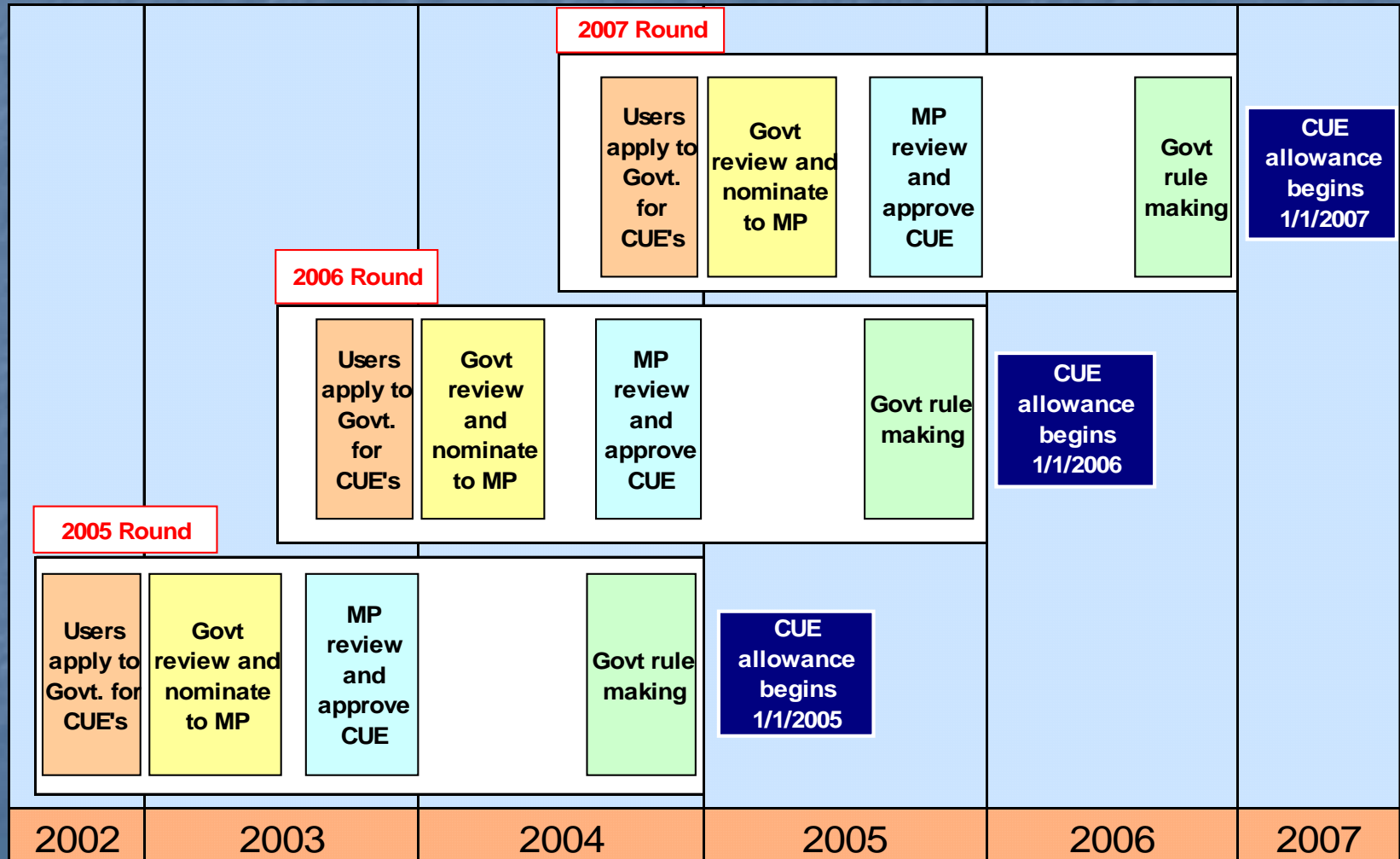
- Optimization of Methyl Bromide Rates
- Blending with co-fumigants
- Use of alternatives fumigation strategies

# *Methyl Bromide Is Still Needed*

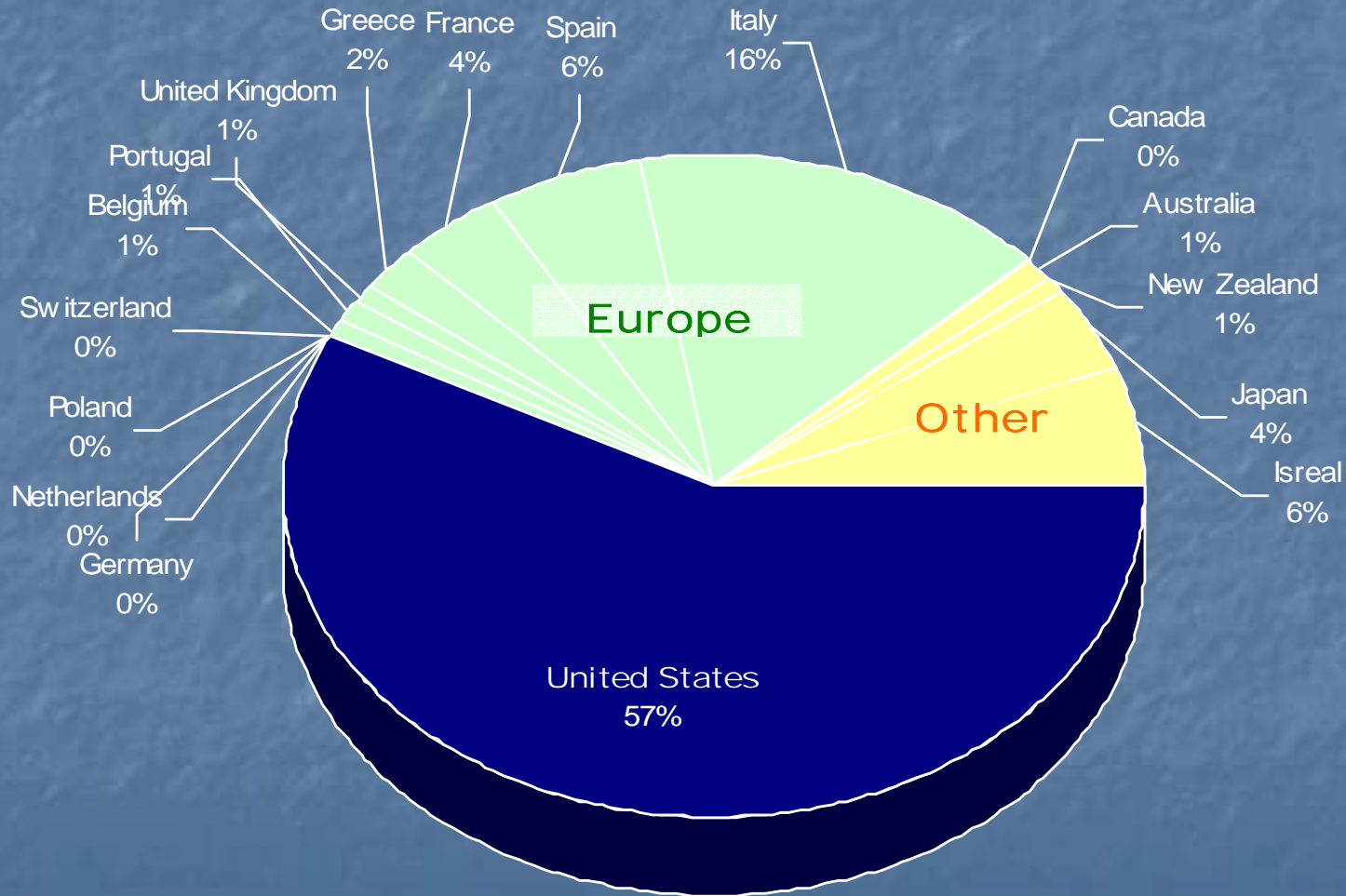
## Alternatives are not available for many uses

- Examples include:
  - Rapid fumigation of stored commodities
  - Township caps on alternatives have been exceeded
  - Topography
  - High pest pressures
- ~16,000MT of methyl bromide CUE's approved for critical uses in developed nations in 2005

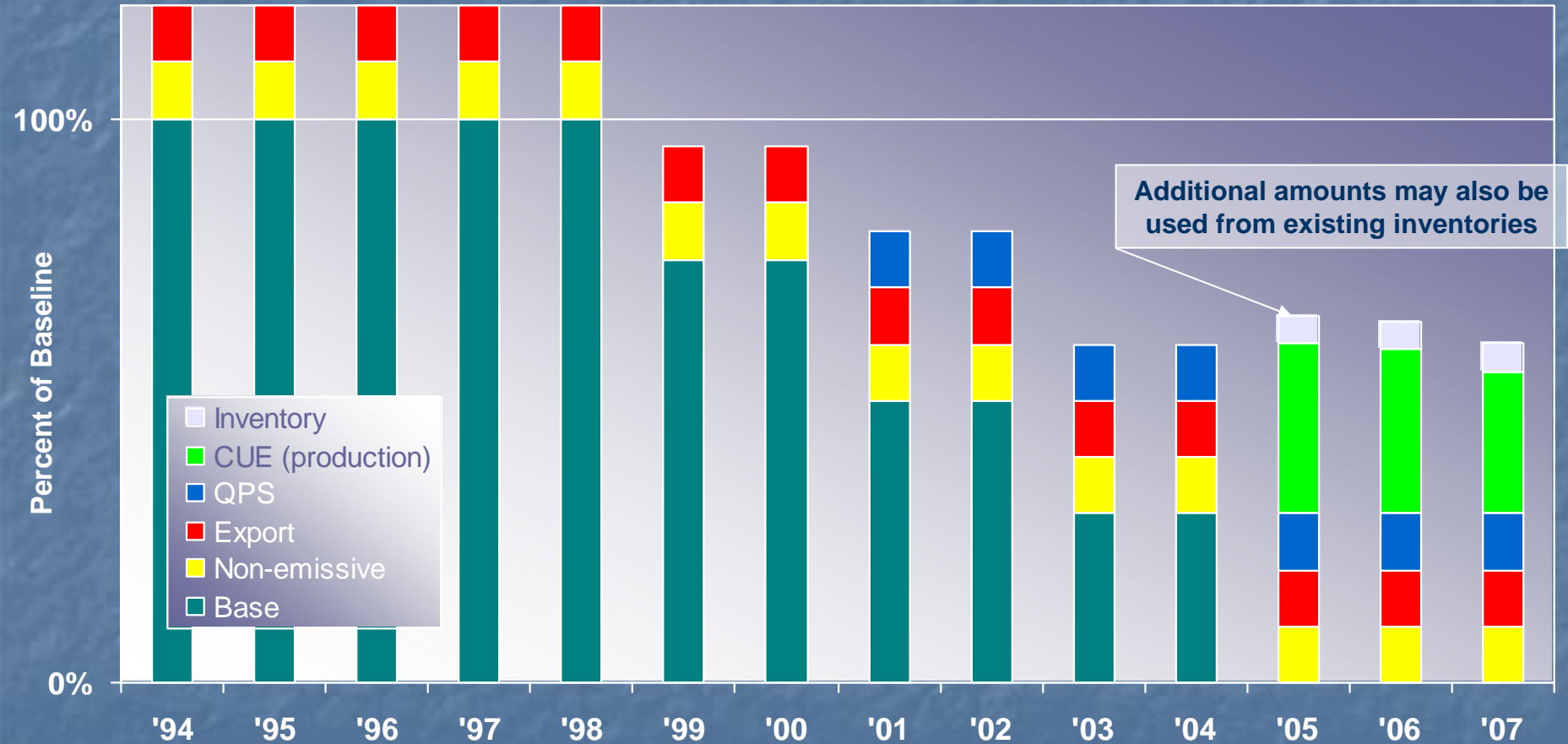
# CUE Process Chart



# *CUE Approval By Country*



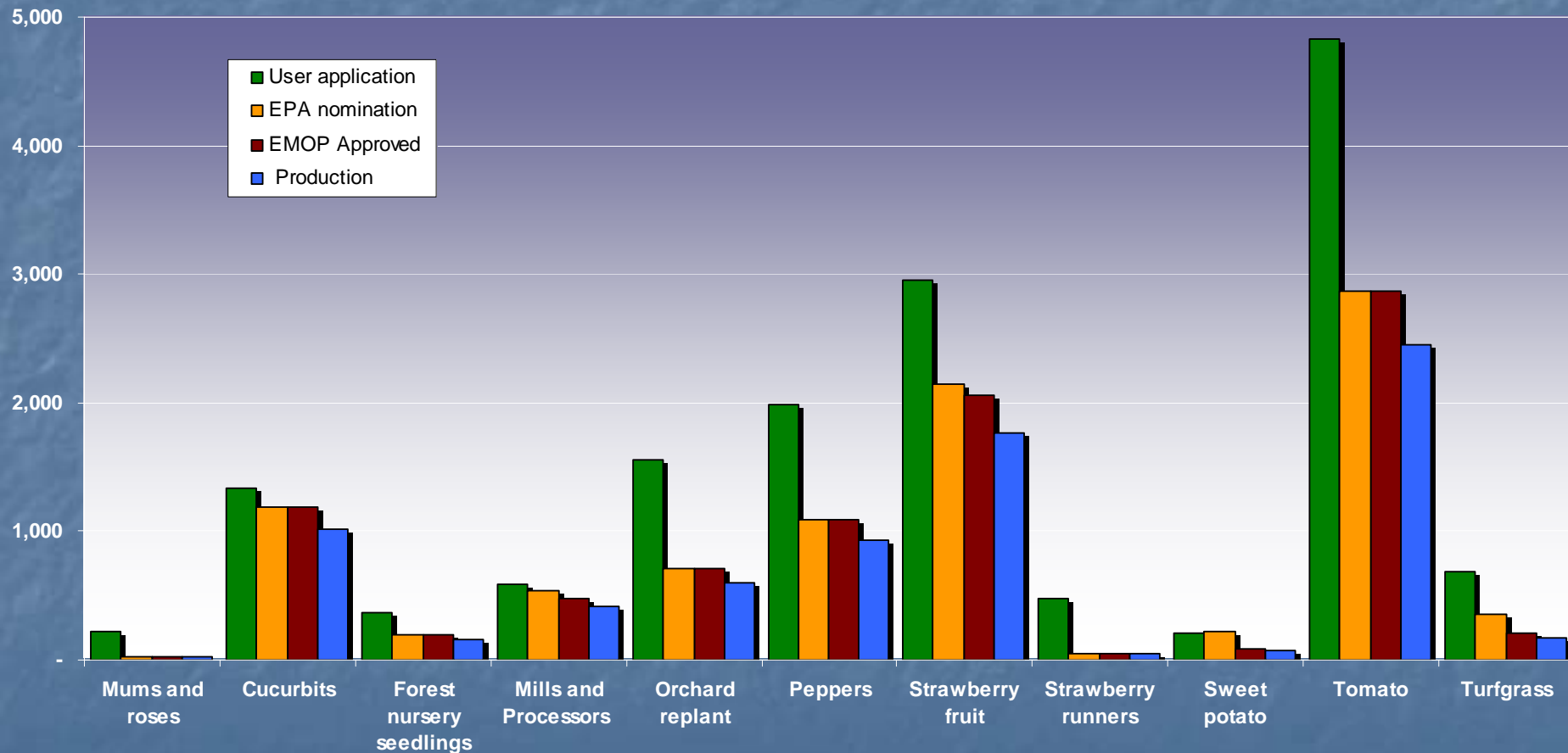
# Methyl Bromide – Allowed Production



Note: data for 2006, 2007 is estimated from based on user applications and EPA nominations

# US CUE Approval By Application

Metric  
Tons



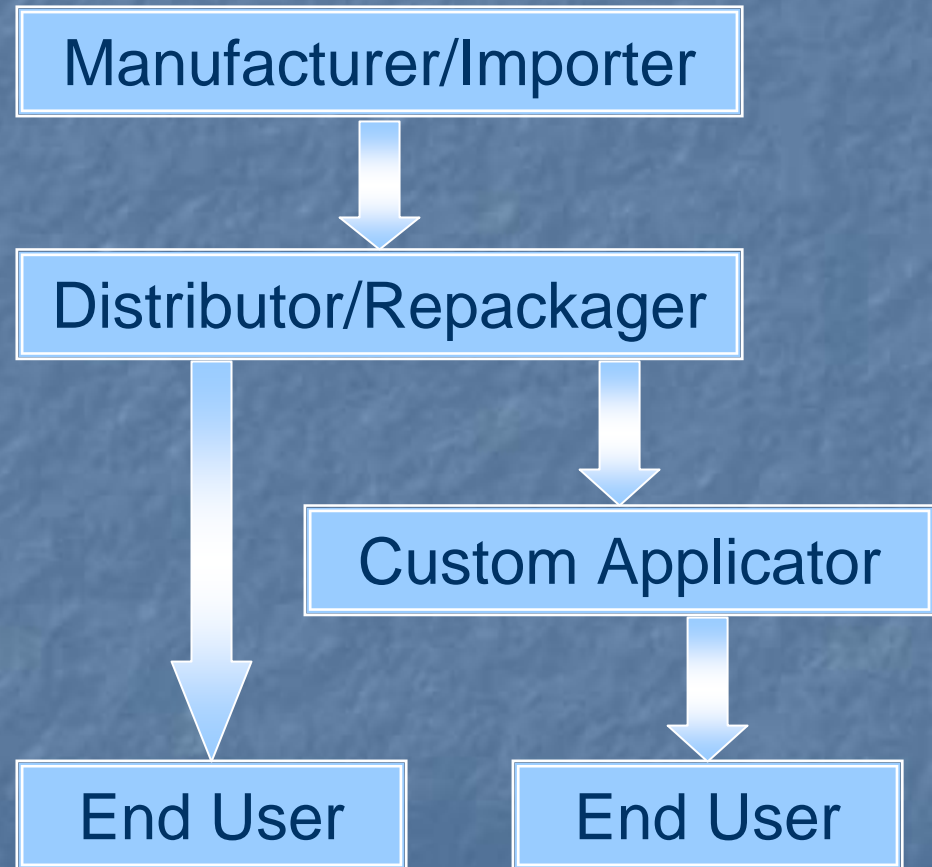
# *Current Supply Channel*

**3 major US manufacturers  
or importers**

**Distributors/repackagers  
located near point of  
application**

**Custom applicators for  
both pre-plant and post  
harvest uses**

**1000's of end users in US**



## *CUE Supply Chain: Crucial Elements*

- Critical Use Allowances (CUA's) must be granted to producers and importers
- Allowances must be granted as a lump sum
- A simple QPS like self certification tracking system must be used
- Allow existing stocks to be used freely

# *Methyl Bromide*

## *Supplying the Critical Need*

- Critical Uses Exceptions start in a few weeks.
- Producers will work with other stakeholders to ensure a smooth transition
- A simple process is essential