



# Methyl Bromide Critical Use Nomination National Management Strategy

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# Key Elements of Plan from ExMOP Montreal 2004

- ⌚ Decision Ex.I/4. Conditions for granting and reporting critical-use exemptions for methyl bromide
- ⌚ Item 3 - To request each Party that makes a critical-use nomination after 2005 to submit a national management strategy for phase-out of critical uses of methyl bromide to the Ozone Secretariat before 1 February 2006. The management strategy should aim, to achieve 5 strategies:



# National Management Plan cont.

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- (a) To avoid any increase in methyl bromide consumption except for unforeseen circumstances;
- (b) To encourage the use of alternatives through the use of expedited procedures, where possible, to develop, register and deploy technically and economically feasible alternatives;



# National Management Plan cont.

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- (c) To provide information, for each current pre-harvest and post-harvest use for which a nomination is planned, on the potential market penetration of newly deployed alternatives and alternatives which may be used in the near future, to bring forward the time when it is estimated that methyl bromide consumption for such uses can be reduced and/or ultimately eliminated;



# National Management Plan cont.

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- (d) To promote the implementation of measures which ensure that any emissions of methyl bromide are minimized;

# National Management Plan cont.

- (e) To show how the management strategy will be implemented to promote the phase-out of uses of methyl bromide as soon as technically and economically feasible alternatives are available, and developed countries (non-A5) must demonstrate that research program's are in place to develop and deploy alternatives and substitutes.



# National Management Plan

## Existing Pieces - Preplant CUE

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- ∩ Key pests
- ∩ Historic pattern of use and proportion of crop using methyl bromide
- ∩ Characteristics of cropping system and climate
- ∩ Methods to minimize use and emissions in these situations
- ∩ Relative effectiveness and registration status of chemical alternatives



# National Management Plan

## Existing Pieces - Preplant CUE

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- ⌚ Expedited procedures, to develop, register and deploy technically and economically feasible alternatives
- ⌚ Reason alternatives are not technically & economically feasible (chemical and non-chemical)

# Existing Pieces - Post Harvest and Structural CUE

- ∩ Key pests
- ∩ Historic pattern of methyl bromide use
- ∩ Characteristics of circumstances for which methyl bromide is used
- ∩ Methods to minimize the use and emissions
- ∩ Relative effectiveness and registration status of chemical alternatives

# Existing Pieces - Post Harvest and Structural CUE

- ⌚ Expedited procedures, to develop, register and deploy technically and economically feasible alternatives
- ⌚ Reason alternatives are not technically & economically feasible (chemical and non-chemical)

# International Perspective

- ∞ No additional information has been provided by MBTOC or the parties to describe these documents.
- ∞ Transition time has not been discussed.
- ∞ No description of where economics fit into plan.
- ∞ Some countries have started this process but have not developed detailed plans.



# Limitations and Concerns

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- ⌚ Discussions are not complete as to the roles of EPA and USDA in this process.
- ⌚ Specific information to be provided by CUE applicants versus U.S. government.
- ⌚ Potential groups to be involved?
- ⌚ Timeline for the process?

# Adoption of Alternatives

- ∞ Additional information to help in the adoption of alternatives.
- ∞ Better information on pest control with alternatives.
- ∞ Better information on price to produce a commodity (\$/lb. Commodity using alternatives).
- ∞ Partial adoption - part of a field or food plant
- ∞ Better ways to present information.