

Methyl Bromide Technical Options Committee (MBTOC)

Co-chairs

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TEAP

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CUN Overview since 2005

NON A5 CUNs		
Year	2005	2017/18
Amount	18,700 t	34 t
CUNs	146	2

A5 CUNs		
Year	2015	2017
Amount	530 t	338 t
CUNs	8	6

Reporting of Stocks (Dec XVI/6 1,bii)

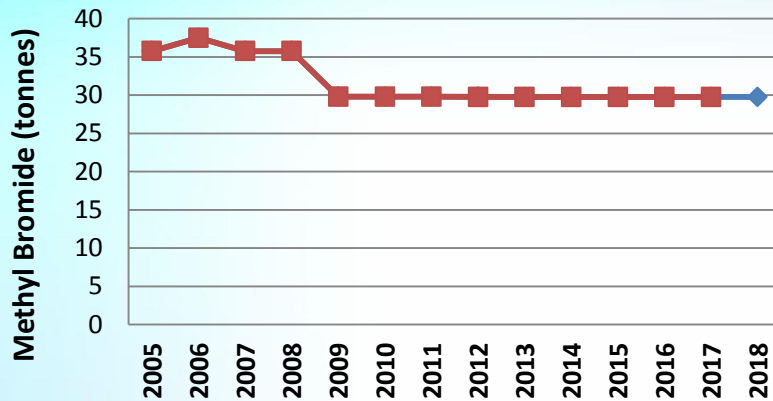
Country	MB Stocks (t) at end of 2015
Australia	0
Canada	1.4
Argentina	0
China	0
RSA	40.4
Total	41.8

- First year A5 Parties have reported.
- CUE recommendations have not been adjusted to account for stocks.

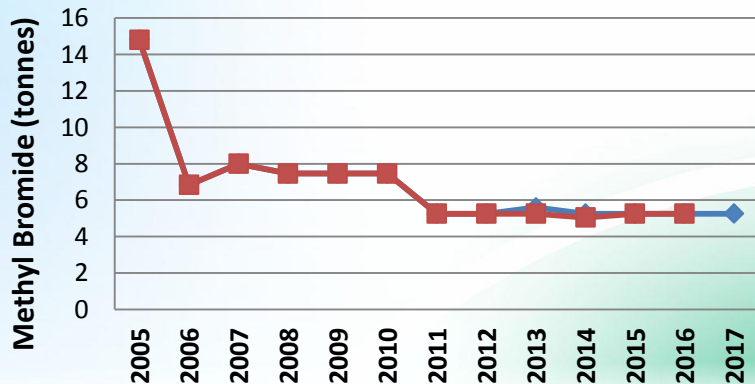
Trends in MB Amounts in CUNs for 2017 or 2018

Non A5 CUNs

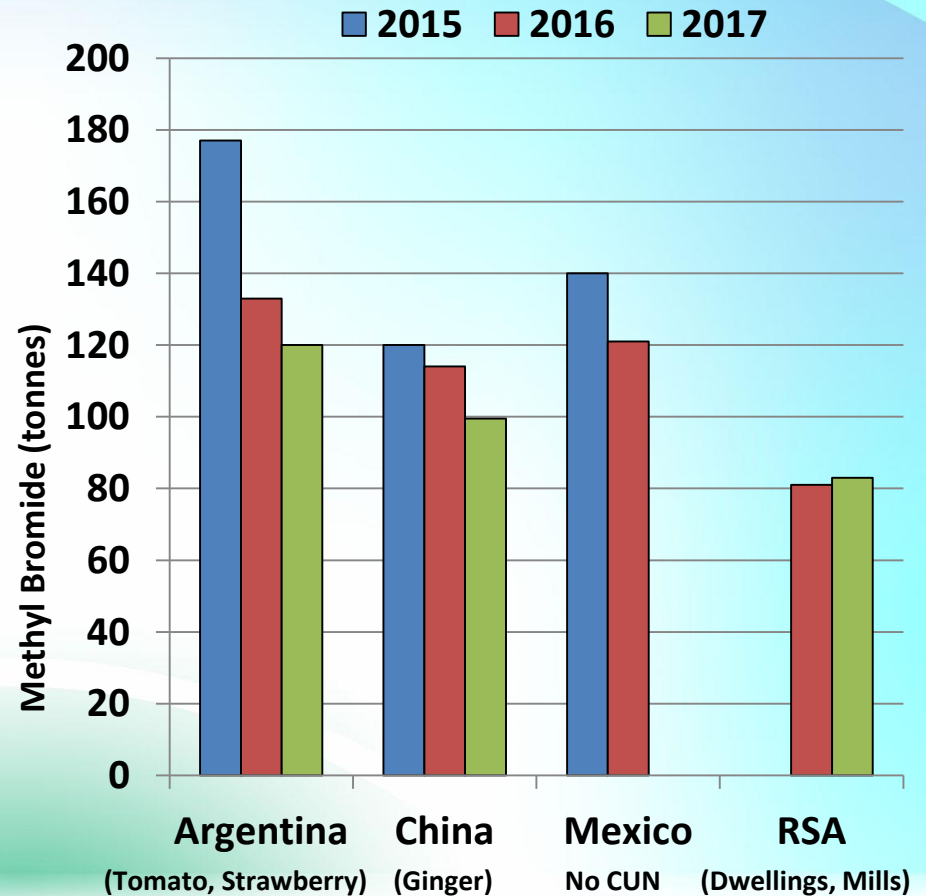
Australia Strawberry runners



Canada Strawberry runners



A5 CUNs



Final CUE Recommendation (MB tonnes) Strawberry runners in Australia in 2018

Sector	CUN for 2018	Interim Rec. for 2018	Final Rec. for 2018
Strawberry runners	29.76 t	[25.266 t]	[29.73 t]

Final Recommendation for 2018: Reduced

- Reduction (0.1%) based on adoption of steam for substrate disinfestation (0.03t).
- After the OEWG, the Party justified that although research with alternatives is proving positive, alternatives are not yet available for the rest of the production system.

Final CUE Recommendation (MB tonnes) Strawberry Runners in Canada in 2017

Sector	CUN for 2017	Interim Rec. for 2017 (t)	Final Rec. for 2017 (t)
Strawberry runners	5.261 t	[Unable to assess]	[5.261 t]

Final Recommendation for 2017: Full amount

- After the interim assessment, the Party clarified that no chemical alternatives can be used in Prince Edward Island due to potential groundwater contamination, and substrates are uneconomical for the final stages of runner production.
- A new research program has commenced, which includes consideration of alternative substrate systems.

Final CUE Recommendation (MB tonnes) Strawberry fruit in Argentina in 2017

Sector	CUN for 2017	Interim Rec. for 2017 (t)	Final Rec. for 2017 (t)
Strawberry fruit	45.3	[35.71]	[38.84]

Final Recommendation for 2017: Reduced

- Reduction (14.3%) based on lower dosage rates for MB (26 to 15 g/m²) for uptake of barrier films over a period of three years instead of two years. After the OEWG the Party justified that they needed more time to adopt the films.
- MBTOC also considers that the present double cropping of strawberries and rotation systems requires a new approach.

Final CUE Recommendation (MB tonnes) Tomato in Argentina in 2017

Sector	CUN for 2017	Interim Rec. for 2017 (t)	Final Rec. for 2017 (t)
Tomato	75	[59.45]	[64.10]

Final Recommendation for 2017: Reduced

- Reduction (14.5%) based on lower dosage rates for MB (26 to 15 g/m²) for uptake of barrier films over a period of three years instead of two years. After the OEWG the Party justified that they will need more time to adopt the films.
- MBTOC accepted that grafting can not be used at present for control of the *Nacobbus* nematode and encourages the Party to continue research on suitable rootstocks.

Final CUE Recommendation (MB tonnes) Ginger in China in 2017

Sector	CUN for 2017	Interim Rec. for 2017 (t)	Final Rec. for 2017 (t)
Ginger, Open field	78.5	[74.617]	[74.617]
Ginger, Protected	21	[18.36]	[18.36]

Final Recommendation for 2017: Reduced

- The Party accepted the interim recommendations and amounts have not changed.
- The nominations were reduced (13%) for uptake of barrier films with MB over a two year period.

Final CUE Recommendation for Commodities: South Africa Mills and Dwellings in 2017

Sector	CUN for 2017	Interim Rec. for 2017 (t)	Final Rec. for 2017 (t)
Mills	13.0	[2.923]	[4.1]
Dwellings	70.0	[42.3]	[55.0]

Final recommendation for 2017: Reduced (Both sectors)

Mills: Reduction based on a lower dose rate of 20 g/m³ for the fumigations and a maximum of one fumigation per year, plus a transitional amount to allow time for optimisation of alternatives.

Dwellings: Reduction based on a rate adjustment to conform to standard presumptions and improvements in fumigation procedures.

- Further information provided by the Party after the OEWG, justified to MBTOC that more time would be required to transition to these alternatives and both recommendations were adjusted accordingly.

Highlights (CUNs)

- China has indicated their intent for 2018 to be the last year for which CUNs are sought.
- One party did not provide an accounting framework (Dec Ex. 1/4 (9f)).
- Only one A5 party provided a National Management Plan (Dec Ex.1/4)
- Concerns over the reporting of stocks

Emergency Use - Israel (Dec IX/7)

- Israel informed the Ozone Secretariat (December, 2015) of an emergency use of 0.5 tonnes for museum artefacts.
- MBTOC acknowledged the importance of the historic artefacts, and that Israel was unable to use potential alternatives (e.g. phosphine or sulfuryl fluoride) due to corrosion of artefact containers and/or non registration.
- MBTOC nevertheless notes that Modified Atmospheres or humidified heated air are successfully used for controlling pests on museum artefacts. Wooden floors, ceilings or furniture can be treated with inert gases.

Emergency Use - Jamaica (Dec IX/7)

- Jamaica informed the Secretariat (July 2016) of an emergency use of 1.5 tonnes for use by a flour mill for fumigation of stored commodities and fumigation of its warehouse.
- MBTOC notes that alternatives are available for flour mills and have fully replaced MB in many countries. These include heat, phosphine, sulfuryl fluoride and others within an IPM approach.

Summary Work Plan

Tasks and Actions	Completion Date
Parties submit nominations to the Secretariat	24 January 2017
Nominations pre assessed by MBTOC	7-21 February 2017
Nominating Party response to MBTOC	7 March 2017
MBTOC Assessment Meeting	March 2017
TEAP Review	April, 2017
Report Posted on Secretariat Website	May 2017
OEWG (bilateral discussions, etc.)	July 2017
Parties resubmit nominations if necessary	August 2017
MBTOC final report posted	Oct 2017
29th Meeting of the Parties	Nov 2017