

Form 1

(For New and Continuing Nominations)

Methyl Bromide Critical Use Nomination for preplant soil use (open field or protected environment)

Note: For continuing nominations insert the words 'Information previously supplied in [Year] nomination is correct' or give variations to this information, as appropriate.

Information previously supplied in 2015 - 2016 – 2017 – 2018 - 2019 - 2020 – 2021 nominations is correct

NOMINATING PARTY: ARGENTINA

NAME: ARG 02 CUN22

BRIEF DESCRIPTIVE TITLE OF NOMINATION:

Soil fumigation for greenhouse tomato production

CROP NAME (OPEN FIELD OR PROTECTED): GREENHOUSE TOMATO

QUANTITY OF METHYL BROMIDE REQUESTED IN EACH YEAR OF NOMINATION: 5.90 TON

SUMMARY OF ANY SIGNIFICANT CHANGES SINCE SUBMISSION OF PREVIOUS NOMINATIONS:

NO SIGNIFICANT CHANGES

REASON OR REASONS WHY ALTERNATIVES TO METHYL BROMIDE ARE NOT TECHNICALLY AND ECONOMICALLY FEASIBLE:

Climatic and soil type characteristics

1. Due to soil characteristics and low temperatures diffusion of alternatives through the soil is affected and actually very limited.
2. Metam sodium has shown lack of control of nematode and disease for winter application.
3. 1,3 D + Chloropicrin did not show stability under Argentinean CUN conditions
4. Application is difficult under sensible environmental conditions, reducing efficacy or causing phytotoxicity.
6. Steam is a very slow and costly process.
7. Nematode-resistant rootstocks have not been adequately tested and proven in Argentine conditions.
8. The most effective Soil chemical disinfection alternatives are banned at Mar del Plata area

(Details on this page are requested under Decision Ex. 1/4(7), for posting on the Ozone Secretariat website under Decision Ex. 1/4(8).)

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NOMINATING PARTY: ARGENTINA

NAME: ARG 02 CUN22

BRIEF DESCRIPTIVE TITLE OF NOMINATION: Soil fumigation for fresh strawberry production

CROP NAME: Pre-plant soil for fresh strawberry production in Mar del Plata and Lules regions of Argentina in open-field production system.

QUANTITY OF METHYL BROMIDE REQUESTED IN EACH YEAR OF NOMINATION: 3.70 TON

SUMMARY OF ANY SIGNIFICANT CHANGES SINCE SUBMISSION OF PREVIOUS NOMINATIONS:

No significant changes

REASON OR REASONS WHY ALTERNATIVES TO METHYL BROMIDE ARE NOT TECHNICALLY AND ECONOMICALLY FEASIBLE:

1. Soil type characteristics
2. Metam sodium has shown lack of control of disease
3. 1,3 D + Chloropicrin did not show stability under CUN conditions
4. Application is difficult under sensible environmental conditions, reducing efficacy or causing phytotoxicity.
5. Steam is a very slow and costly process.
6. Other alternatives are still in progress

(Details on this page are requested under Decision Ex. 1/4(7), for posting on the Ozone Secretariat website under Decision Ex. 1/4(8).)