



METHAM SODIUM 510 SL

Soil Fumigant

Soil fumigant for the control of many soil-borne diseases, nematodes, weeds and germinating weed seeds. It is applied prior to seeding or planting, creating a favorable environment for healthy crop. Can be used for all crops.

Active Ingredients:
Metham Sodium 510 g/L
Product Type:
Soluble Liquid (SL)





Fumigant



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Method of use:

Targeted area	Pest controlled	Rate of use	Fumigation Method
Seedbeds, Lawns and other limited areas.	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus..	25–50L per 50L water per1000m2. 1.1L per 12L water/10m2	Soil injection Rotary tiller
Field: Application to Total Area	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus..	250–500L per 400–700L water/ha 600–800L per 900–1100L water/ha 250–500L per 400–700L water/ha	Soil injection Trickle irrigation systems under plastic sheeting Rotary tiller
Field: Application to Beds or Rows	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus..	250–500L per 400–700L water/ha 400–800L per 700–1000L water/ha 250–500L per 400–700L water/ha 250–800L per treated ha	Soil injection Beds- soil covering method Rotary tiller Trickle irrigation
Potting Soil	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus..	600 mL per m3 soil mixture 1.1L per 12L water per 10m2	Cement mixer Rotary tiller
Tobacco Plant Bed	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus.. Onion weed	9.75L per 700–900L water per100m2 1.1L per 50L water per 5m2	Tobacco seed bed Spot treatment (drenching nozzles)

PRE APPLICATION PROCEDURE:

Prepare the soil up to a depth of 30-50 cm to ensure a well prepared, fine tilth surface. Remove un-decayed vegetable matter. Bring soil moisture up to just below field capacity (60-80%), 2-3 weeks prior to application. Keep soil moist prior to application.

POST APPLICATION PROCEDURE:

To prevent excessive evaporation from treated areas, seal treated areas with plastic sheeting. Aerate treated area thoroughly 7-14 days after application by cultivating soil. Soil temperatures influence the evaporation rate of the fumigant.

Temperatures of 10-15°C: plant or sow 3-4 weeks after application.

Temperatures of +16°C: plant or sow 2-3 weeks after application. Soils with high clay content, high organic fraction or those that are saturated, will retain the fumigant and require a longer waiting period.

GROWING MEDIA AND POTTING SOIL:

Media should be moistened with METHAM SODIUM solution using a watering can whilst mixing continuously.

The use of a cement mixer is ideal for this purpose. Apply 700 – 900 ml METHAM SODIUM/m³ soil, in 30-50 L water.

Cover treated soil with a plastic sheet to prevent gases from escaping. Remove cover after three days and aerate.