



# METHAM POTASSIUM 423 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. Used in ornamentals, food and fibre crops, tobacco...

Active Ingredients:  
Potassium-Monomethyl  
Dithiocarbamate 423 g/L  
(Sodium free)  
Product Type:  
Soluble Liquid (SL)





Fumigant



# METHAM POTASSIUM 423 SL

## Method of use:

Targeted area	Pest controlled	Rate of use	Fumigation Method
Seedbeds, Lawns and other limited areas.	Germinating Weed Seeds, Nematodes, Fungus diseases...	25–50L per 50L water per 1000m <sup>2</sup> . 1.1L per 12L water/10m <sup>2</sup>	Soil injection Rotary tiller
Field: Application to Total Area	Germinating Weed Seeds, Nematodes, Fungus diseases...	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 m <sup>2</sup> soil mixture 1.1L per 12L water per 10m <sup>2</sup>	Cement mixer Rotary tiller
Tobacco Plant Bed	Germinating Weed Seeds, Nematodes, Symphylids, Soil Fungus..  Onion weed	9.75L per 700–900L water per 100m <sup>2</sup>  1.1L per 50L water per 5m <sup>2</sup>	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 POTASSIUM solution using a watering can whilst mixing continuously.

The use of a cement mixer is ideal for this purpose. Apply 700 – 900 ml METHAM POTASSIUM/m<sup>3</sup> 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.