

METAM CLR™ 42%

soil fumigant

METAM KLR™ 54%

soil fumigant

Farmers who want to create favorable soil conditions prior to planting can turn to Metam CLR 42% and Metam KLR 54%. These fast-acting fumigants promote healthy growth in a wide variety of crops and decompose within weeks, leaving no residue. You can start with a clean field and protect row crops, ornamentals and turf.

Metam CLR 42%

Metam sodium

AI: sodium methylthiocarbamate
42% aqueous solution

Metam KLR 54%

Metam potassium

AI: potassium methylthiocarbamate
54% aqueous solution

Key crops

- Potatoes
- Onions
- Peppers
- Tomatoes
- Cucurbits
- Carrots
- Berries
- Peanuts

Key pests

- Soilborne diseases
- Insects
- Weeds
- Nematodes

Features and benefits

- Broad-spectrum, preplant soil fumigant
- Registered on a wide variety of crops
- Effective control or suppression of:
 - Diseases
 - Weeds
 - Nematodes
- Low risk of resistance
- No crop residue
- Reduces need for other pesticides
- Improves plant quality and yield



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Reliable soil care solutions

Metam CLR 42% and Metam KLR 54% are registered for use on a wide variety of crops. When applied according to directions, they effectively control or suppress numerous diseases, weeds, and nematodes prior to seeding or planting. Metam acts quickly and decomposes after 2–4 weeks, depending on soil temperature, type, and moisture, leaving no residue.

Application methods



Chemigation



Soil injection



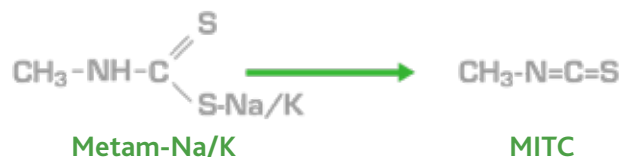
Soil incorporation

Detailed information on the correct, safe application of Metam CLR 42% and Metam KLR 54% can be found in our Metam Stewardship Manual, available for download at www.eastman.com/MetamStewardshipManual or by scanning the following QR code.



Mode of action

Metam sodium and metam potassium are both salts of *n*-methylthiocarbamate. Applied to the soil as aqueous solutions, they decompose rapidly into methyl isothiocyanate (MITC), a gaseous active which acts as a broad-spectrum soil fumigant.



MITC and other isothiocyanates occur naturally or are enzymatically generated in certain damaged or macerated plant species like Brassicaceae (e.g., mustard, cabbage, horseradish) and Capparaceae (caper).

Additional resources

For sales inquiries and customer support, call 888-321-8472. For more information, visit eastman.com/cropprotection.

Always read and follow label directions. For labels and safety data sheets (SDS), visit www.agrian.com or www.cdms.net.

For more information about soil fumigants, visit www.epa.gov/soil-fumigants.

Metam CLR 42% and Metam KLR 54% are manufactured by Taminco US LLC, a subsidiary of Eastman.

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