

SITUATION/ CROP	PEST	RATE	CRITICAL COMMENTS
Pre-planting soil fumigation	Soil-borne pests, including Wireworms, Nematodes, Insects and Fungi (e.g. <i>Pythium</i> , <i>Phytophthora</i> , <i>Fusarium</i> , <i>Verticillium</i>) and Bacteria (e.g. <i>Streptomyces scabies</i> (Potato scab))	82 – 458 kg per ha (8.2 – 45.8 g/m ²) Use lower rates on lighter soils (such as sandy or sandy loam soils). Use higher rates on heavier soils (such as silt or clay loam soils).	SOIL CONDITION: Soil should be in seed bed condition, free of clods and undecomposed plant material. There should be sufficient soil moisture to support seed germination and to obtain a good seal. Do not apply when soil temperatures at the point of injection are below 5° C or higher than 30° C. PIC PLUS is effective against nematodes, provided all old roots have decomposed. CONTINUOUS INJECTION: Calibrate machine to desired rate. Injections should be 25 cm to 30 cm apart and 15 cm to 40 cm deep. Below 30 cm the distance between injection points can be increased 1 cm for each 2 cm of depth. Use deeper application depths for deep-rooted perennials. Applications above 340 kg/ha must be applied at 36 cm deep or be tarped. See General Instructions for sealing, exposure and aeration.

GENERAL INSTRUCTIONS: Before using, refer to relevant regulations and manuals for use of fumigants. Pic Plus Soil Fumigant shall be under the control of an Approved Handler, unless locked up.

SEALING: The soil must be sealed immediately after injection. For all applications where the injection depth is 15 to 24 cm below the final soil surface, an unperforated plastic tarp or film must be used for sealing. For applications where the injection depth is greater than 24 cm (25 cm minimum), the soil surface can be sealed by one of the following methods:

- For broadacre applications, seal by plastic tarp, cultipacker, disk followed by roller, or similar equipment.
 - For row applications, seal by plastic tarp, soil or bed presses, or a ring roller.
- Non-tarped seals may be enhanced by saturating the top 20 mm of soil with water. Repeat watering as often as needed to prevent escape of gas.

EXPOSURE: Plastic tarps may be removed after 5 days. For all other seals, leave the soil undisturbed for 7 days before cultivating to aerate the soil. Cold and/or wet soil conditions will require a longer exposure period.

AERATION: For tarped ground do not plant for at least 10 days after tarp is removed. For all other seals do not plant for 7 days after the initial cultivation. Longer aeration periods may be required if soils are wet, cold, or heavy (high clay/silt content).

For all applications DO NOT PLANT if gas odour is present. If odour from gas is present after the aeration period, it may be necessary to cultivate the soil multiple times before planting or sowing. Cultivate with a clean implement to break crust if needed and to allow the soil to aerate. Do not cultivate if soil is too wet for proper tillage.

LEGAL OBLIGATION:

This product must only be used as specified in the label content.

CONDITIONS OF SALE:

The use of this material being beyond their control, all conditions and warranties, as to quality of fitness for any purpose of this material, are excluded and no responsibility will be accepted by the manufacture or the distributor for any damage whatsoever arising from its application or use.

DANGER

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Pic Plus® SOIL FUMIGANT

CONTAINS 855 G/KG CHLOROPICRIN IN THE FORM
OF A VAPOUR RELEASING LIQUID

*For use by professional and licensed fumigators
for control of certain soil-borne pests
as specified in Directions for Use*

NET CONTENTS: 95 kg

Manufactured by:

TRICAL Inc • 8770 Highway 25 • Hollister • California 95023 • USA



Distributed in New Zealand by:

Leicester's NZ Ltd • 6 Waitane Place • Napier 4110

tel (06) 843 5330 • fax (06) 843 5158

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Batch Number: _____

Date of Manufacture: _____

Expiry date: _____

Registered pursuant to the ACVM Act 1997 No. P8384
See www.foodsafety.govt.nz for registration conditions.

**UN 1580
Chloropicrin, 6.1
Poison -
Inhalation Hazard
HAZCHEM 2XE
Packing Group I**



WARNINGS:

Exposure to very low concentrations of chloropicrin vapour will cause irritation of eyes, nose and throat. Continued exposures after irritation is evident, or higher concentrations may cause painful irritation to eyes or temporary blindness. Liquid will cause chemical burns to skin and/or eyes. Harmful or fatal if swallowed. Inhalation may be fatal.

Very toxic to aquatic life. Toxic to terrestrial vertebrates.

PRECAUTIONS:

- Keep out of reach of children.
- Read label before use.
- Do not breathe vapours.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear respiratory, eye, and hand protection.
- Do not contaminate streams, rivers or waterways with the chemical or used containers.

SYMPTOMS OF POISONING: Nausea, vomiting, abdominal pains, blurred vision, slurred speech, fatigue, staggering gait and loss of appetite.

FIRST AID:

- If poisoning occurs, contact a doctor or National Poisons Centre, Phone: 0800 764 766.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth. Immediately call Poisons Centre or a doctor/physician, if experiencing respiratory problems or if discomfort persists.
- IF SWALLOWED: Immediately call Poisons Centre or a doctor/physician. Rinse mouth.
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
- For additional information, refer to Safety Data Sheet.

STORAGE:

Store locked up and upright in closed original containers, in a cool, well-ventilated area, away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight.

SPILLAGE: Wear protective equipment. Contain spill. Absorb with sand or earth. Collect and seal in properly labeled drums.

DISPOSAL: If product cannot be disposed of by use as soil fumigant according to label instructions, contact your local Council or Regional Authority or the product manufacturer or distributor for guidance. Return all used containers to Distributor, whether empty or not.

DIRECTIONS FOR USE:

RESTRAINTS

- DO NOT use when soil temperature is below 5° C.
- DO NOT fumigate when soil is very cold, very wet or very dry.
- DO NOT fumigate within 50 cm of roots of desirable vegetation.
- DO NOT plant or sow for at least 10 days after removal of plastic tarp.
- DO NOT plant or sow if gas odour is present.