A gloved hand in a yellow protective suit is holding a white cylindrical container. The container is positioned over a metal tray. The background is a bright yellow, suggesting a cleanroom or laboratory environment. The overall image has a yellow tint.

mocap[®]

**Operating Instructions:
Ultima Closed Handling System**

The Ultima closed handling system

The purpose of the Ultima closed handling system is to avoid risks of operator exposure and contamination of the environment when filling applicator hoppers with the granular nematicide / insecticide Mocap.

There are two parts to the system; the returnable and refillable Ultima pack that Mocap is supplied in and the Ultima inlet valve fitted to the applicator hopper.

These operating instructions are intended to help you operate the system safely and effectively when using Mocap to control potato cyst nematode or reduce wireworm damage on all varieties of potatoes.

There are 12 essential steps to operation of the Ultima system which are illustrated in this booklet. At the end there is also an important list of container handling precautions to note.

01: Wear suitable PPE

Respirator: EN 140 mask with EN 143 P2 filters (as shown) or EN 149 mask

Coverall: CEN type 5

Gloves: nitrile rubber, tucked into coverall sleeve

Boots: Wellington or waterproof, tucked inside coverall leg



02:

Arrange raised platform



Filling hoppers from a raised platform such as a trailer enables packs to be lifted from waist height to minimise the risk of back strain.

03:

Break the green seal



Do not break the red tamper-evident seal. Costs are incurred when empty containers are returned with the red seal broken as they cannot be re-filled and have to be scrapped.

04:

Remove safety caps



From the hopper



And from
the container

05:

Fit container to hopper



Invert the container and whilst lowering it towards the hopper, line up the metal lugs on the container valve with the grooves in the hopper valve.

06:

Turn anti-clockwise to start



Turn the container anti-clockwise to start the flow of product into the hopper.

07:

Turn clockwise to stop



Turn the container clockwise to close the valve when empty, or at any time to stop the flow of product.

08:

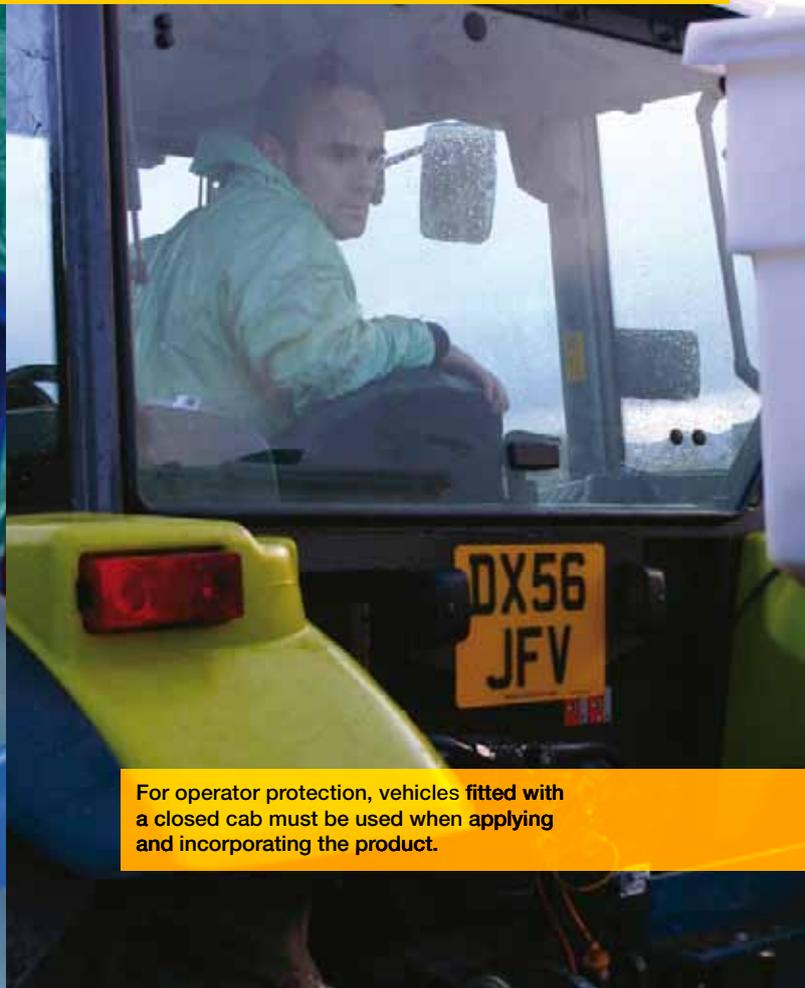
Replace safety caps



Having removed the container, replace the safety cap and stack with empties. Replace hopper cap before starting to apply product.

09:

Use a closed cab tractor



For operator protection, vehicles fitted with a closed cab must be used when applying and incorporating the product.

10:

Drain unused product from hopper



When application is finished any product remaining in the hopper should be drained out. Before removing the bung from the metering unit make sure you have a suitable receptacle of sufficient capacity in place.

11:

Store unused product safely



Manually operate the container valve to open and close.



Pour unused product back in to the container in a draught-free area and on hard standing so any accidental spill can be cleared up safely.

12:

Store empty containers safely



Pallets of empty containers should be stored securely until collected by your supplier for refilling. Part emptied containers should be kept in the pesticide store.

Container Handling Precautions

- Ultima containers should only be used in conjunction with hopper lids which have been modified to be used with them
- Do not use if the red seal is broken
- Open the container only as directed
- Do not re-use container for any other purpose
- Do not rinse out the container
- Return empty container to supplier

Mocap application

Mocap is approved for overall application.

Mocap should be broadcast shortly before or during the final soil preparations before planting, and incorporated into the soil immediately following application, preferably in the same operation.

Active ingredients and trademark acknowledgments

Mocap contains ethoprophos.

Always read the label: use pesticides safely.