

2000/2001

AGRICULTURAL

1 kg

MERGAMMA® N-M

Drill Box Dual Purpose
Seed Treatment Powder

Contains Maneb and Lindane

For Drill Box and Other
Dry Application Methods

For the control of wireworms and seedborne
diseases of wheat, oats, barley, rye

DANGER

POISON

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NOTE: This product contains 0.9% Rhodamine B Dye which has
been determined to be of toxicological concern.

GUARANTEE: maneb 37.5%
gamma BHC (from lindane) 18.7%

REGISTRATION NUMBER 10339 PEST CONTROL PRODUCTS ACT

ZENECA Agro, a business of ZENECA Corp.
250-3115 12th Street N.E.
Calgary, AB. T2E 7J2

A93/A-1

PRECAUTIONS

Keep out of reach of children. Avoid skin contact, inhaling or swallowing. Wash thoroughly after handling or using and before eating or smoking. Wash contaminated clothing before re-use. Do not contaminate ponds, lakes or streams. Lindane is toxic to fish, birds and other wildlife. Avoid treating areas inhabited by wildlife. If, for any reason, treating is carried on indoors, thoroughly ventilate the area by mechanical exhaust. Treat only the amount of seed to be sown to avoid the problem of storing treated seed and the associated hazards of feed and food

contamination. At the end of seeding, clean drill thoroughly. If treated seed must be stored, label as follows: POISONOUS TO MAN AND ANIMALS. THIS SEED HAS BEEN TREATED WITH MERGAMMA N-M, CONTAINING LINDANE AND MANEB, FOR THE CONTROL OF WIREWORMS AND SEED BORNE DISEASES.

Do not store treated seed more than one year.

FIRST AID

If swallowed, cause vomiting. **For eyes**, flush with plenty of water. **In case of skin contact**, wash with soap and water. Call a doctor in case of accident.

TOXICOLOGICAL INFORMATION

Lindane is an organochlorine insecticide. Barbiturates may be given to control convulsions. Oxygen may be indicated. Keep patient quiet. Avoid use of morphine and adrenaline.

Symptoms of Poisoning: Nausea, vomiting, hyperirritability, convulsions, and/or coma, and other symptoms typical of organochlorine insecticide poisoning.

EMERGENCY TELEPHONE NUMBER

All hours, 1-800-327-8633 (FASTMED) **ONLY** for health and environmental information.

DISPOSAL

Empty the bag thoroughly into applicator. Make the empty bag unsuitable for further use. Dispose of bag in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the provincial regulatory agency or the manufacturer.

PRODUCT INFORMATION

MERGAMMA N-M seed treatment is especially formulated for use as a Drill Box treatment to overcome the problem of left-over treated seed. MERGAMMA N-M can also be applied to seed by other dry treatment methods.

MERGAMMA N-M controls wireworms and Bunt or Stinking Smut of wheat, Covered and False Loose Smuts of barley, Bunt of rye, Smuts of oats and seed-borne diseases such as Seedling Blight and Root Rot of cereals. MERGAMMA N-M is coloured red so that it is easy to detect if spilled and so that the treated seed can be readily recognized. MERGAMMA N-M is specially formulated to allow its use as a Drill Box treatment. It can be mixed directly with

the seed in the Drill Box, either by spreading the treatment over the levelled seed and mixing with a paddle, or by adding it to the seed as it is being run into the Drill Box.

**RATES OF APPLICATION
PER 25 kg of SEED**

| | |
|-------------------|--------------------|
| Wheat 50 g | Barley 65 g |
| Oats 90 g | Rye 55 g |

Use only recommended rates. Lower amounts may not give the desired control. Excessive amounts may cause seed injury. Seed should be well cured, dry and cleaned before treatment. Avoid very deep seeding and exceptionally early sowing under poor growing conditions for maximum benefits. Not recommended for use on Palliser barley.

DIRECTIONS FOR USE

DRILL BOX TREATMENT - Treat enough seed to cover the bottom of the Drill Box by mixing with the proper amount of MERGAMMA N-M in a suitable container (which can later be disposed of - SEE DISPOSAL). Spread this treated seed over the bottom of the Drill Box before adding untreated seed. It is only necessary to follow this procedure for the first filling - enough treated seed will remain in the box for subsequent fillings. (DO NOT MIX WITH HANDS.)

- (a) Place and level one-half of the seed in the drill or planter box and sprinkle one-half the total MERGAMMA N-M required (for the full box) uniformly on or under the surface of the seed. Mix thoroughly with a stick or paddle, then fill the box with seed and sprinkle the remaining one-half of the powder on or under the surface and mix again until all streaking has disappeared and colouring of seed is uniform.
or
- (b) Dribble MERGAMMA N-M into the seed as it is poured into the Drill Box. Thoroughly mix with a stick or paddle when the Drill Box is one-half full and again when full, until all streaking of the powder has disappeared and colouring of seed is uniform.
or
- (c) Apply through a mechanical dispenser or proportioner that attaches to the auger loader that conveys seed into the Drill Box.

OTHER DRY APPLICATION METHODS - MERGAMMA N-M may be applied by any standard dry seed treatment application equipment or by the shovel method. Wear a properly designed dust mask and goggles and change filters frequently while treating seed. Keep away or

upwind from any dust that may arise.

Hazardous Properties: Keep away from fires and sparks. Store in a dry place. Do not allow to become wet or overheated during storage. This may bring on chemical changes which will impair the fungicidal effectiveness of the product and may also produce flammable vapours. Dispose of empty containers promptly. Poisonous if swallowed, inhaled or absorbed through the skin.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

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