

Danadim[®] Progress



Systemic Insecticide

An emulsifiable concentrate containing 400 g/l (39% w/w) dimethoate in xylene and cyclohexanone
MAPP 15890



To access the Safety Data Sheet for this product, scan the QR code or use the weblink: http://http://headland-ag.co.uk/image/catalog/msds/danadim_progress.pdf

Alternatively, contact your supplier.

Product identifier:

Dimethoate 400 g/l EC
 Contains dimethoate, cyclohexanone, hydrocarbons, C9, aromatics and maleic anhydride.



Danger

Flammable liquid and vapour.

Harmful if swallowed.

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Harmful if inhaled.

Very toxic to aquatic life with long lasting effects.

Avoid breathing vapours.

Wear protective gloves and eye/face protection.

IF SWALLOWED: Rinse mouth.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash with plenty of soap and water.

Immediately call a POISON CENTER or doctor/physician.

Dispose of contents/container as hazardous waste.

To avoid risks to human health and the environment, comply with the instructions of use.

IMPORTANT INFORMATION FOR USE AS AN INSECTICIDE ONLY

Crops / situations	Maximum individual dose: (L product/ha)	Maximum total dose:	Maximum number of treatments: (per crop)	Latest time of application:
Durum wheat, rye, triticale, wheat	0.5	-	1 (See Other Specific Restriction 1)	up to an including BBCH 69 (applications not later than 15th August)
Ornamental plant production (protected)	0.5	-	1 (See Other Specific Restrictions 2, 3, and 4)	-

OTHER SPECIFIC RESTRICTIONS

Product must not be applied to cereal crops between August 15th and April 1st. Treatment must only be made under 'permanent protection' situations which provide full enclosure (including continuous top and side barriers down to below ground level) and which are present and maintained over a number of years.

Precautions must be taken to prevent access of birds, wild mammals and honey bees to treated crops.

To minimise airborne environmental exposure, vents, doors and other openings must be closed during and after application until the applied product has fully settled.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR PLANT PROTECTION PRODUCTS



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DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the product label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Crops, Rates, Pests Controlled and Timing of Applications:**1. Durum wheat, wheat, rye, triticale**

Target Pest:	Aphids.
Application Rate:	500 ml/ha in 200 l/ha of water.
Application Timing:	Apply as soon as thresholds are reached. Ensure good cover. Following ear emergence, spray when 66% of the tillers are infested and aphid numbers are increasing.
Maximum Number of Applications:	1 per crop.
Latest time of Application:	Durum wheat, wheat, Rye, Triticale: Up to and including BBCH 69 (applications not later than 15 August).

Product must not be applied between August 15th and April 1st

2. Ornamental Plant Production (protected)

Target Pest:	Foliar aphids.
Application Rate:	500 ml in 1000 litres of water/ha.
Application Timing:	Apply when pest is first seen and repeat if necessary. Ensure thorough coverage.
Maximum Number of Applications:	1 per crop.
Latest Time of Application:	n/a

Avoid spray drift onto neighbouring crops.

Danadim Progress should be applied as a MEDIUM spray (as defined by BCPC).

Pest Resistance

Strains of some aphid species are resistant to many aphicides. Where aphids resistant to products containing dimethoate occur, 'Danadim Progress' is unlikely to give satisfactory control. Repeat treatments are likely to result in lower levels of control.

Dimethoate is an organophosphorus (IRAC group 1B) compound. Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating insecticides with different modes of action is a recognised anti-resistance strategy and 'Danadim Progress' should always be used in conjunction with other insecticides of a different mode of action.

Crops for Processing

Consult the processor before spraying crops intended for processing.

Mixing and Application

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of Danadim Progress to the tank and then the rest of the water. Continue agitation until spraying is completed.

Apply in the late evening or early morning if possible. Do not apply Danadim Progress to any crop suffering from stress or likely to suffer from stress due to drought, frost or herbicide damage. Do not apply in the rain, frosty conditions or if rain or frost are expected. Foliage should be dry at the time of application.

On emptying, RINSE THE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to the sprayer at the time of spraying and dispose of safely.

Re-entry

Do not enter areas treated with sprayers until the spray deposit is completely dry. Avoid contact of sprayed surfaces with skin. Wear suitable protective clothing and gloves when entering treated areas.

Storage

Keep in a cool dry well-ventilated place under lock and key, away from foodstuffs, seeds and other chemicals and out of reach of children. Do not store in direct sunlight or near direct sources of heat. Do not store at temperatures above 25°C. Protect from frost.

Compatibility

Danadim Progress is incompatible with alkaline materials.

SAFETY PRECAUTIONS

a. Operator Protection

This product contains an anticholinesterase organophosphorus compound. DO NOT USE if under medical advice NOT to work with such compounds. Dimethoate is an organophosphate. Handle with care.

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment: Operators must wear suitable protective clothing (coveralls) and suitable protective gloves when handling the concentrate or applying the product. However, engineering controls may replace personal protective equipment if a CoSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately

WHEN USING DO NOT EAT, DRINK OR SMOKE

DO NOT BREATHE VAPOUR OR SPRAY

WASH HANDS AND EXPOSED SKIN before meals and after work

TAKE OFF IMMEDIATELY all contaminated clothing

WASH ALL PROTECTIVE CLOTHING THOROUGHLY AFTER USE especially the insides of gloves.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible)

b. Environmental Protection

Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

To protect non-target insects/arthropods respect an untreated buffer zone of 5 metres to non-crop land.

c. Storage and Disposal

KEEP OUT OF REACH OF CHILDREN

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING-STUFFS

KEEP IN ORIGINAL CONTAINER tightly closed, in a safe place under lock and key

DO NOT RE-USE CONTAINER for any purpose

SYMPTOMS OF POISONING:

These may include excessive sweating, headache, weakness, faintness and giddiness, nausea, stomach pains, vomiting, small pupils, blurred vision, muscle twitching.

If any of the above symptoms occur, particularly if there is known contamination, STOP WORK

Remove contaminated clothing. Wash exposed skin and hair. Prevent all exertion. Call a doctor AT ONCE and show him this label.

GUIDE TO DOCTOR

This product contains an anticholinesterase organophosphorus compound.

Specific treatment:

1. IN ALL CASES AND AS EARLY AS POSSIBLE inject atropine sulphate 2mg or *pro rata* for children and repeat (if necessary) until fully atropinised
2. IF AVAILABLE administer Pralidoxime 1 gramme by intra-muscular injection. Repeat after 3-4 hours.

Other Measures:

1. Keep airway clear
2. Watch respiration – intubation with endotracheal tube or tracheotomy may be necessary in conjunction with artificial ventilation.
3. Put patient at complete rest in hospital for at least 24 hours

Confirmation of Diagnosis

By estimating cholinesterase activity (5ml blood, unhaemolysed, collected in an anticoagulant).

Further advice may be obtained from the nearest National Poisons Information Centre.

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

All goods supplied by Headland Agrochemicals Ltd. are high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or application which may affect the performance of the goods all conditions and warranties statutory or otherwise as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us or our Associate Companies for any damage or injury whatsoever arising from their storage, handling, re-application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.