

DESIKOTE MAX[®]

ADJ 0666

Desikote Max is an emulsifiable concentrate containing 400 g/l di-1-p-menthene for use in tank mixture with agricultural and horticultural chemicals to improve their performance

FOR USE ONLY AS AN AGRICULTURAL, HORTICULTURAL WETTING,
STICKING AND EXTENDING AGENT

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work

R38 : Irritating to the skin
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S23 : Do not breathe spray
S24 : Avoid contact with skin
S60 : This material and its container must be disposed of as hazardous waste
S61 : Avoid release to the environment. Refer to special instructions/ safety data sheets



IRRITANT



DANGEROUS FOR
THE ENVIRONMENT

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate
WASH HANDS AND EXPOSED SKIN before meals and after work
WHEN USING DO NOT EAT, DRINK OR SMOKE
IF YOU FEEL UNWELL, seek medical advice (show label where possible)
DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container
KEEP IN ORIGINAL CONTAINER tightly closed in a safe place
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely
DO NOT REUSE CONTAINER for any purpose
KEEP OUT OF REACH OF CHILDREN



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net contents
5 litre

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IMPORTANT INFORMATION				
FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL WETTING, STICKING AND EXTENDING AGENT				
Crops/situations	Pesticides	Maximum concentration (% spray solution)	Maximum number of treatments	Latest time of application
All edible crops	All approved pesticides at half or less than half the approved pesticide rate	0.1	Follow the statutory conditions of use of the pesticide	Follow the statutory conditions of use of the pesticide
All edible crops	All approved pesticides	0.1	Follow the statutory conditions of use of the pesticide	4 weeks before the harvest of crops intended for human or animal consumption
Cereals (stubble)	All approved formulations of glyphosate	0.2	Follow the statutory conditions of use of the pesticide	Follow the statutory conditions of use of the pesticide
Cereals	All approved formulations of glyphosate	0.2	Follow the statutory conditions of use of the pesticide	7 days before harvest
Oilseed Rape	All approved formulations of glyphosate	0.4	Follow the statutory conditions of use of the pesticide	14 days before harvest
Operator protection	Operators must follow all operator protection instructions for the pesticide. Where the personal protective equipment specified on the adjuvant label is different to that specified on the pesticide label, the highest level of protective equipment must be worn			
Other specific instructions	This product must not be used with herbicides applied as desiccants unless the herbicides are applied at half or less than half the approved pesticide rate, other than with products containing glyphosate only which may be used on oilseed rape up until 14 days before harvest and cereals up until 7 days before harvest			
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DESIKOTE MAX

DIRECTIONS FOR USE

DESIKOTE MAX is based on a unique polymeric terpene coating agent which holds tank-mixed chemicals onto plants in a rainfast form, protected against degradation by sunlight and against volatilization at high temperatures. The coating agent then slowly releases the active chemicals so that they are available to the plant. This reduces phytotoxicity but greatly extends the action of the spray chemicals. Phytotoxicity is normally the result of a very rapid uptake of a chemical, during the first few hours after spraying, by plants which are only relatively resistant to that chemical. In the case of weed killing, a delay of a day or two may be introduced by the use of DESIKOTE MAX, although a more certain kill is obtained. DESIKOTE MAX is thus quite unlike other additives, in that it is designed to slow down rather than speed uptake of spray chemicals by treated plants. The reduction of pesticide phytotoxicity is a major benefit and DESIKOTE MAX is almost unique in its ability to safen many pesticides, especially herbicides. The DESIKOTE MAX coating is fully formed approximately 30 minutes after the spray has dried on the leaves of treated plants, although a high degree of rainfastness will be obtained as soon as the spray is dry. When using DESIKOTE MAX with spray chemicals for which a range of application rates are suggested, DESIKOTE MAX will enable the chemicals to be used effectively at the lowest rate recommended for the intended purpose or at the longest recommended intervals between sprays.

DIRECTIONS FOR USE

APPLICATION AS AN ADJUVANT WITH PESTICIDES

CROPS

DESIKOTE MAX is authorised for use on ALL edible and non-edible crops in tank mixture with ALL approved fungicides, herbicides and insecticides, provided that the pesticide is approved for use on the crop.

SPECIFIC BENEFITS

In **Cereals**: DESIKOTE MAX used with herbicides, including black-grass herbicides, reduces the speed of initial uptake of herbicides and can improve crop safety whilst the actual weed kill, possibly slightly delayed, is improved. This may be particularly marked where conditions are unfavourable to herbicide effectiveness.

In **Potatoes** : DESIKOTE MAX is of particular value when used with blight fungicides and its use should be regarded as essential where irrigation is carried out or when showery weather prevails.

In **Sugar Beet** : DESIKOTE MAX replaces oils and surfactants used as additives with 'low rate' applications of herbicides, and is rain-fast within 30 minutes of drying on the crop and can reduce the risk of phytotoxicity.

In **Vegetable Brassica Crops** : DESIKOTE MAX is an excellent additive to provide adhesion and 'creep' on waxy leaved brassicas and other difficult-to-wet plants, such as onions.

CAUTION

DESIKOTE MAX must not be used in combination with herbicides applied to pea crops, except those containing glyphosate only.

APPLICATION RATES AND TIMING

Cereals

Apply DESIKOTE MAX pre-harvest as a single application at 0.4 litres per hectare in 200 to 400 litres per hectare of water either alone at crop GS 87 (grain has about 30% moisture content) at a rate of 0.4 litres per hectare with up to 4.0 litres per hectare of 360g/l glyphosate product (e.g. Roundup Biactive MAPP 10320) or equivalent rates of other approved glyphosate formulations—up to 7 days before harvest.

DESIKOTE MAX can also be applied as a split dose, with the initial application of 0.2 litres per hectare being applied at GS 60 with the last fungicide application (to prolong fungicide activity and make it rain-fast) and a further 0.2 litres per hectare applied either with glyphosate at its recommended timing and rate or alone at crop GS 87 or 30% moisture content of the grain.

NB Whilst DESIKOTE MAX applications can effectively control seed loss and loss of grain quality i.e. maintain Hagbergs, caused by moisture, Taminco cannot guarantee that a premium will be obtained, or that there will be no sprouting or seed shedding.

Maximum Number of Treatments

Follow the pesticide statutory conditions of use.

COMPATIBILITY

DESIKOTE MAX may be used in tank-mixture with all approved fungicides, herbicides, insecticides and plant growth regulators. It is also compatible with trace elements such as boron salts, chelated trace elements, copper, iron, magnesium, manganese, micronutrients, sulphur and other trace elements.

Provided all product recommendations are followed DESIKOTE MAX may be used in multiple tank-mixtures containing fungicide(s), herbicide(s), insecticide(s) and trace elements.

MIXING

SHAKE WELL BEFORE USE. Add the spray tank containing half the required volume of water with agitation. Continue agitating whilst topping up the tank and spraying.

APPLICATION OF DESIKOTE MAX ALONE

The uses of Desikote Max applied alone are not controlled by the Control of Pesticides Regulations 1986 or the Plant Protection Products Regulations 1995.

DESIKOTE MAX may be used at 0.2-0.4 l/ha alone as a pre-harvest treatment in **Cereal** crops to reduce the risk of sprouting in the ears of cereal crops, preserve Hagberg values and improve grain quality. DESIKOTE MAX can also be applied as a pre-harvest treatment to reduce pod shatter or splitting in oilseed rape, peas and field beans

In Oilseed Rape, Peas and Field Beans, apply up to 0.8 litres per hectare DESIKOTE MAX in 200 to 400 litres per hectare of water from 28 days to 7 days before harvest to reduce pod shatter or splitting

DESIKOTE MAX may be applied on **Vegetables before transplanting, on evergreens, deciduous trees, shrubs, bushes, ornamental plants**. It will control water loss on transplanting, needle drop from Christmas trees, winter kill, damage from road spray containing de-icing salts and also speed the establishment of a lawn from turf. Apply 1litre DESIKOTE MAX in 50 litres of water as a spray or dip to small plants. **DO NOT** dip the roots of the plants.

For Christmas trees, shrubs, evergreens, deciduous trees (including container-grown stock for planting out), where dipping is not practicable, apply a sufficient volume, as a spray, to thoroughly wet the needles or leaves.

On Turf. apply a 1.6% solution of DESIKOTE MAX (7.5 litres per hectare of product in 450 litres per hectare of water) preferably 24 hours before lifting turf. Application may be made, however, immediately following laying.

CAUTION: Blue leaved evergreens such as the blue spruce will turn green on treatment and remain green until a new season's growth occurs.

APPLICATION OF DESIKOTE MAX AS AN ANTI-TRANSPIRANT TREATMENT IN TANK MIXTURE WITH GLYPHOSATE

In **Oilseed Rape** apply up to 0.8 litres per hectare DESIKOTE MAX in 200 to 400 litres per hectare of water in tank mixture with approved formulations of glyphosate as a pre-harvest treatment up to 14 days before harvest on oilseed rape to reduce pod shatter or pod splitting,

AUTHORISATION NUMBER

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