



DESIKOTE MAX™

Anti-transpirant – Pod shatter reduction

AGRICULTURAL

GUARANTEE: Alcohol ethoxylate 9% wt / wt
Terpene hydrocarbons.....55% wt / wt

DESIKOTE MAX forms a unique semi-permeable membrane on treated crops. When applied to seed crops, a flexible membrane is formed over filling pods or grains. Transpiration stresses caused by desiccation and dry conditions are reduced, resulting in a reduction of pod shatter or seed losses. The flexible and durable film reduces pod shatter and enables crops of cereals, forage seed, pulses, canola, and beans to retain their full yield potential until harvest. DESIKOTE MAX does not penetrate into the plant.

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

Net Contents: 10 Litres

Manufactured By:

Taminco, Inc.
Two Windsor Plaza, Suite 411
Allentown, PA 18195

Distributed By:

Engage Agro Corporation
1030 Gordon Street, Guelph, ON, N1G 4X5
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DIRECTIONS FOR USE:

Crop	Remarks	Rate Litres per Ha
Alfalfa Birdsfoot Trefoil	Application at start of pod maturity.	1.5 L
	Application at desiccation.	1.75 L (without application at start of pod maturity) 0.75 L (following application at start of pod maturity)
Grass	See application timing below	1.5 L
Peas, Lentils, Dry Beans, Vetch, Linseed, Flax	See application timing below	1.25 L
Canola, Mustard, Rapeseed	Swathing ¹ : to be swathed or already swathed	0.5 L
	Direct Harvesting ² : Crop to be directly combined without chemical desiccation.	1.25 L
	Crop to be directly combined with chemical desiccation	1 L
Soybeans, Mung beans	See comments under Soybean Recommendations below.	0.625 L
Cereals	After hard dough stage (at 30% or less moisture)	0.5 L

¹ When swathing, apply when the majority of the pods have lost their intense green color. At this time, although yellow, the pod is still pliable and may be bent without splitting open to release the seed. DO NOT apply earlier than 2-3 weeks before swathing.

² When direct harvesting, apply when pods begin to lose their intense green color. At this time, the pod is still pliable and may be bent without splitting open to release the seed. Varieties that mature slowly may benefit more from a later application when pods are still pliable. Allow the crop to fully mature before attempting to harvest.

DILUTION DIRECTIONS:

GROUND APPLICATION: Apply in sufficient water to ensure thorough coverage of pods.

Crop	Recommended Water Volume (L/ha)
Dry beans	150
Alfalfa, birdsfoot trefoil, cereals, grass seed crops, lentils, vetch, linseed, flax, peas, soybeans, mung beans and other legume crops.	200-300
Canola, rapeseed, mustard and other brassica seed crops.	200 -300

Soybean Recommendation:

If the leaves have fallen and the pods are still within the recommended timing for application, the water volume should be reduced to 280 L/ha. Ground application of DESIKOTE MAX should use the recommended volume of water per hectare and maintain a recommended pressure of 40 p.s.i. Crop penetration is essential. For crops planted or seeded in rows, if row width clearance is sufficient to avoid mechanical damage, high ground clearance machines with narrow wheels are recommended for applications of DESIKOTE MAX. For high value seed crops not planted in rows, mechanical damage by ground sprayers can be avoided by driving sprayers over non-crop areas according to planting patterns. Further mechanical avoidance by ground application results by applying DESIKOTE MAX during or after swathing.

AERIAL APPLICATION: Apply in sufficient water to ensure thorough coverage of pods.

Crop	Recommended Water Volume (L/ha)
Dry beans	12 -20 L
Alfalfa, birdsfoot trefoil, cereals, grass seed crops, lentils, vetch, linseed, flax, peas, soybeans, mung beans and other legume crops.	20-30 L
Canola, rapeseed, mustard and other brassica seed crops.	30-50 L

To improve coverage in a dense crop canopy, consider making two passes in opposite directions.

APPLICATION TIMING:

NOTE: Pod maturity / senescence may develop rapidly once pods begin turning yellow. Crop maturity can advance considerably and plants may ripen to the point where pod shatter will occur and it becomes too late to apply DESIKOTE MAX. This maturity can occur in one or two days, especially in hot, dry weather. Monitor crops regularly as the benefits from using DESIKOTE MAX are reduced once pods have already started to split and shatter. Do not apply DESIKOTE MAX if the crop is already splitting and shattering.

FOR BEST RESULTS APPLY WHILE A MAJORITY OF THE PODS ARE STILL GREENISH IN COLOR.

Alfalfa/Birdsfoot Trefoil:

For best results, two applications should be made although a very useful control of splitting of the 'curls' or pods may be obtained by a single application. Apply 1.5 L/ha of DESIKOTE MAX approximately 4-6 weeks before the usual desiccation time. Make a second application at 0.75 L/ha (or 1.75 L/ha if the first application was not made) when the most advanced 'curls' have just started to turn yellow. Curls or pods that split when rolled between finger and thumb are likely to be beyond the stage for protection.

Provided that the first application has been made, it may be that the application of the desiccant could be delayed by about seven days. Do not delay desiccation where a first application of DESIKOTE MAX has not been made.

Grass Seed Crops:

Apply DESIKOTE MAX at 1.5L/ha from 3 - 4 days before the end of flowering and no later than a week after the end of flowering. Later applications may have reduced effect. Do not apply DESIKOTE MAX closer than 3 weeks before combining. Control of seed loss will be obtained where the DESIKOTE MAX coats the pedicel (seed stalk). This is more difficult to achieve than it is to coat pods in pod crops. The high value of this crop and the tendency of seed shatter make a reduction in seed loss of considerable value.

Lentils, Dry Beans, Peas, Soybeans, Mung beans:

Apply DESIKOTE MAX when the majority of the pods have lost their intense green colour and the outline of the seed is visible through the pod case. DESIKOTE MAX will reduce shatter when applied up to the time at which the pod, although yellow, is still pliable and may be rolled between the palms of the hands (or between finger and thumb), without splitting open.

Canola, Mustard, and Rapeseed:

A) Crops to be swathed: Apply DESIKOTE MAX at 0.5 L/ha after the majority of the pods have lost their intense green colour and the outline of the seed is visible through the pod case up to the time at which the pod, although turning yellow, is still pliable and may be bent into a V - shape or circle without splitting open. A very small amount of bulging may be acceptable.

Do not apply earlier than 2 - 3 weeks before swathing. Ripening may be very rapid once pods turn yellow. When the majority of pods have turned yellow, it is probable that some have advanced to the stage where it is too late for application with DESIKOTE MAX to reduce shatter. For best results apply when the pods are still greenish in colour.

B) Crops already swathed: Apply DESIKOTE MAX within 24 hours of swathing at 0.5 L/ha.

C) Crops to be direct combined without chemical desiccation: Apply DESIKOTE MAX at 1.25 L/ha. Allow the crop to fully mature before attempting to combine.

D) Crops to be direct combined with chemical desiccation: Where chemical desiccation is to be used within 2 - 3 weeks of combining, DESIKOTE MAX can be applied at 1 L/ha. When a desiccant is applied 7 - 10 days before combining, it is possible that some pods will have passed beyond the stage for treatment with DESIKOTE MAX. Desiccants may be applied to crops previously treated with DESIKOTE MAX.

Vetch, Linseed, Flax:

DESIKOTE MAX may be used to seal pods provided that the spray can reach them effectively and that pods are not too hairy for the formation of a coating to be possible. Apply DESIKOTE MAX at 1.25 L/ha at similar timing recommended for brassicas, peas and beans.

MIXING:

DESIKOTE MAX does not require the use of surfactants or oil. DO NOT tank mix with surfactants.

Add DESIKOTE MAX to a half-filled spray tank while agitating, continue agitating while filling and spraying. Tank, lines and nozzles should be rinsed with water immediately after spraying.

Use this product in accordance with good agronomic practices, which include utilizing proven spray equipment set for proper coverage.

LIMITATIONS

DESIKOTE MAX applications can effectively control seed loss and loss of grain quality caused by moisture. This does not guarantee that a premium will be obtained, or that there will be no sprouting or seed shedding.

WIND SHATTER: DESIKOTE MAX will help reduce shatter loss on pods which remain intact on the stalk. Uneven plant growth, which leaves a portion of the crop fully exposed to wind gusts, may experience a degree of shatter.

ADVERSE WEATHER: DESIKOTE MAX will help reduce the degree of shatter loss due to rain events, but will not completely eliminate shatter. DESIKOTE MAX will not eliminate shatter due to hail or other strong environmental events.

LIMITED WARRANTY: The use of this material being beyond our control and involving elements of risk to human beings, animals, and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

HANDLING

Keep product away from children and animals.

Wear gloves and eye protection when handling. After working with this product thoroughly clean equipment. Wash thoroughly, change clothing, and clean protective gear.

Do not contaminate water courses.

STORAGE

Avoid freezing. If product has been frozen, allow to warm and shake well.