

Kobra

Adjuvants - ADJ No 14708N

Use

1. To improve foliar uptake of deposits, fungicides, insecticides and foliar nutrients through better distribution and faster drying
2. As a dry wash to reduce visible residues prior to harvest or sale. For best results apply regularly
3. As a growing media wetter/re-wetter, through drip or overhead irrigation, or as a drench

Crops

All agricultural, horticultural and forestry crops.

Pack Size

5, 200, 1000 litres

Function of Kobra

Kobra is a fatty amine based wetter designed to give enhanced coverage and consequent uptake of agrochemicals and foliar nutrients when used as a foliar adjuvant. The improved coverage means drying time is usually 50% quicker than agrochemicals alone.

Kobra reduces stains caused by deposition of salts left on leaves from hard water, foliar nutrients and chemicals. When used as a dry wash Kobra significantly improves the visual appearance of fruits and leaves if applied just prior to harvest or sale. It is particularly suitable for protected edibles, cut flowers and ornamentals.

When applied as a growing media wetter/re-wetter, Kobra will give even penetration throughout the growing media and soil, Kobra will provide even wetting and re-wetting of growing media reducing surface tension of the irrigated liquid. The result is smaller or no dry patches as well as less risk of



Composition

A water-miscible concentrate of modified fatty amine and sugar derivatives

Directions for Use

Kobra can be used alone or mixed with a wide range of acaricides, fungicides, insecticides and foliar nutrients. If using as a pesticide adjuvant, always read the appropriate pesticide label before use.

Use the dilution rates below. For foliar applications with pesticides use the water volume per hectare recommended on the pesticide label.

Use	Timing	Rate % of Total Volume	Rate ml/L water	Comments
As a pesticide or nutrient adjuvant	Any time	0.03%	0.3	e.g. 60 ml in 200L of water Use the water volume recommended on the pesticide label. As a nutrient adjuvant use a minimum of 200 L/ha water
As a dry wash pre-harvest or pre-sale with a sprayer	After final applications of nutrient/chemical	0.03% 0.015-0.02%		Apply as a single application in a minimum 100 L/ha water Use the lower rates for repeat applications Leave sufficient time to dry before, for best results apply on a regular basis.
As a dry wash pre-harvest using overhead irrigation	After final applications of nutrient/chemical	0.03%	0.3	Irrigate with clean water for 5 mins. Irrigate with Kobra solution for 1 min. Leave sufficient time to dry before harvest. For best results apply on a regular basis.

Use	Timing	Rate % of Total Volume	Rate ml/L water	Comments
New growing media wetter - first application	First application	0.05-0.1%	500-1000	Apply 1-2000L of water per 10,000L growing media
Growing media wetter - regular applications	Contant	0.001%	10	Apply 1000L of water per 10,000L growing media (If a lower water volume of 500L per 10,000L growing media is used, doouble the inclusion rate of Kobra)
	Weekly	0.01%	100	
	Monthly	0.025%	250	
	Quaterly	0.05%	500	

If using a stock solution at a ratio of 1:100, please follow the recommendations below:

Stock Dilution		Final Solution Applied at 1:100 (1%)	
Rate % of Volume	Rate ml/1000L water	Kobra (ml/L stock solution)	Water (ml/L stock solution)
0.001%	10	0.1	999.9
0.01%	100	1	999
0.025%	250	2.5	997.5
0.05%	500	5	995

Notes

Do not apply in tank mix with pesticides when crop is showing deficiency symptoms, is under stress, or in adverse weather conditions.

For more information contact: OMEX Horticulture, Estuary Road, King's Lynn, Norfolk, PE30 2HH

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