

Tank Mixture Compatibility

SKOPE® is a unique new insecticide ideal for managing multi pest scenarios in cotton crops. It combines two powerful actives to provide effective and versatile control of key sucking and chewing pests. SKOPE® is compatible with a range of products and has been extensively tested for compatibility. The table below summarises the compatibility testing undertaken with SKOPE®. Always read the label and the critical comments before using.

Herbicide Mix Partners and Salt

Product and maximum rate tested	Formulation	Active Constituents	Company	Physically Compatible Yes/No	Mix partner adjuvant recommendation	Comments
Firepower® 150 mL/ha	EC	520 g/L haloxyfop	Adama	Yes – at ≥ 30 L/ha	Uptake* 0.5 %	Compatible.
Platinum® 500 mL/ha	EC	240 g/L clethodim	Adama	Yes – at ≥ 30 L/ha	Hasten* 1 %	Compatible.
Roundup* Ready Herbicide with PLANTSHIELD* 1.5 kg/ha	WG	690 g/kg glyphosate	Sinochem	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.
Salt 10 g per L of spray volume	Coarse Refined Salt	100 % NaCl	Cheetham Salt	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.
Shogun® 900 mL/ha	EC	100 g/L propaquizafop	Adama	Yes – at ≥ 30 L/ha	Hasten* 0.5 %	Compatible. Use Hasten* at 1 L/ha where targeting SLW.

Defoliants and Plant Growth Regulators

Product and maximum rate tested	Formulation	Active Constituents	Company	Physically Compatible Yes/No	Mix partner adjuvant recommendation	Comments
Escalate® 200 mL/ha	SC	500 g/L thidiazuron	Adama	Yes – at ≥ 80 L/ha No – at 30 L/ha	Hasten* 0.5 %	Compatible at 80 L/ha or more of water. Testing showed this mix was incompatible at 30 L/ha of water. Use Hasten* at 1 L/ha when targeting SLW.
Escalate® UltraMax 200 mL/ha	SC	240 g/L thidiazuron + 120 g/L diuron	Adama	Yes – at ≥ 80 L/ha No – at 30 L/ha	Hasten* 0.5 %	Compatible at 80 L/ha or more of water. Testing showed this mix was incompatible at 30 L/ha of water. Use Hasten* at 1 L/ha when targeting SLW.
Prep* 720 3 L/ha	SL	720 g/L ethephon	Cotton Grower Services	Yes – at ≥ 30 L/ha	Wetspray* 1000 0.2 %	Compatible. Use Hasten* at 1 L/ha when targeting SLW.
Promote® Plus 900 2.4 L/ha	SL	900 g/L ethephon	Adama	Yes – at ≥ 30 L/ha	Wetspray* 1000 0.2 %	Compatible. Use Hasten* at 1 L/ha when targeting SLW.
Reward® 2 L/ha	SL	38 g/L mepiquat chloride	Adama	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.

Foliar Fertilisers

Product and maximum rate tested	Formulation	Active Constituents	Company	Physically Compatible Yes/No	Mix partner adjuvant recommendation	Comments
K-Nite* 30 L/ha	SL	4 % nitrogen + 12 % potassium as liquid potassium nitrate	Yara	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.
N42 30 L/ha	SL	42 % nitrogen as liquid urea, ammonium and nitrate	Yara	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.
Ranger* 40 L/ha	SL	24 % nitrogen as a liquid urea formulation	Yara	Yes – at ≥ 80 L/ha No – at 40 L/ha	Not required	Compatible at 80 L/ha or more of water. Incompatible when mixed at 40 L/ha without water. Follow SKOPE® adjuvant recommendations.
Glytrell* ZnP 3 L/ha	SL	10 % zinc + 4 % phosphorus	Yara	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.
Impact* 15 L/ha	SL	27.9 % potassium + 12.6 % phosphorus	Yara	Yes – at ≥ 30 L/ha	Not required	Compatible. Follow SKOPE® adjuvant recommendations.

Adjuvants and Oils

Product and maximum rate tested	Formulation	Active Constituents	Company	Compatibility	Recommended with SKOPE®
Agral* 0.2 % v/v	SL	600 g/L nonyl phenol ethylene oxide condensate non-ionic organic surfactant	Syngenta	Yes – at ≥ 80 L/ha	When targeting GVB ^β and <i>Helicoverpa</i> spp.
BioPest* 5 % v/v	EO	815 g/L emulsifiable paraffinic oil	SACOA	Yes – at ≥ 80 L/ha	Refer BioPest* label.
BS1000* 0.25 % v/v	SL	1000 g/L non-ionic surfactant	Crop Care Australasia	Yes – at ≥ 80 L/ha	When targeting GVB ^β and <i>Helicoverpa</i> spp.
Canopy* Spray Oil 1 % v/v	EO	792 g/L paraffinic oil	FMC	Yes – at ≥ 80 L/ha	Refer Canopy* label.
Hasten* Spray Oil 1 L/ha	EO	704 g/L ethyl & methyl esters of vegetable oil + 196g/L non-ionic surfactant	Victorian Chemicals	Yes – at ≥ 80 L/ha	When targeting SLW ^δ .
MAXX* Organosilicone Surfactant 0.2 % v/v	SL	1020 g/L polyether modified polysiloxane	Sumitomo	Yes – at ≥ 80 L/ha	When targeting Cotton Aphid.
Pulse* Organosilicone Surfactant 0.2 % v/v	SL	1000 g/L organomodified polydimethyl siloxane	Nufarm	Yes – at ≥ 80 L/ha	When targeting Cotton Aphid.
Shirwet* 0.25 % v/v	SL	600 g/L non-ionic organic surfactant	Crop Care Australasia	Yes – at ≥ 80 L/ha	When targeting GVB ^β and <i>Helicoverpa</i> spp.
Wetspray®1000 0.2 % v/v	SL	1000 g/L alcohol alkoxylates	Adama	Yes – at ≥ 80 L/ha	When targeting GVB ^β and <i>Helicoverpa</i> spp.

β Green Vegetable Bug δ Silverleaf Whitefly



Notes:

- Most compatibility tests were conducted with SKOPE® at 350 mL/ha, the highest label rate. Crop safety and any minor mixing issues are likely to be reduced at lower rates
- All physical compatibility tests were conducted with the addition of Hasten* at 1 L/ha equivalent
- For all mixtures observe the label requirements of the mixing partner, including recommended crop stage, spray volumes etc
- The physical compatibility test conducted in the laboratory was a more complete test than that conducted in field tests
- SKOPE® requires the addition of adjuvant for best results, please refer to the product label for full adjuvant recommendation by pest species
- Compatibility is limited to those specific products and product manufacturers listed unless an alternative product is clearly an equivalent formulation
- Products containing varying concentrations of active constituents to those listed may not be compatible with SKOPE®
- Adverse environmental conditions such as heat stress, drought, nutrient deficiency, or anything else that can stress the crop can compound adverse effects to the crop and should be avoided when tank mixing SKOPE®.

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Please note: This information is not intended to replace the product labels. Always read the complete product label appearing on the container before opening or using products. Product labels also available on adama.com

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