

Publication 75, Guide to Weed Control 2008-2009

Ontario Ministry of Agriculture, Food and Rural Affairs

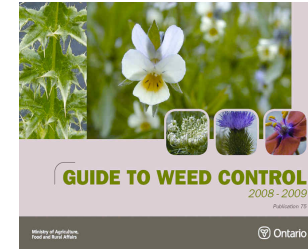


TABLE 5-1. ADJUVANTS USED IN ONTARIO

Brand and Trade Names*	Type of Adjuvant	Chemical Composition	Guaranteed Active	Ont. Sch.	Winter Storage	Manufacturer/ Agent Code
AGRAL 90	non-ionic surfactant	nonylphenoxy polyethoxyethanol	90%	2	C	NOR
AG-SURF	non-ionic surfactant	nonylphenoxy polyethoxyethanol	92%	2	C	INT
ALLIANCE	compatibility agent	aliphatic phosphate ester, isopropanol and glycol ethers	69%	N/A	A	NOR
AMIGO	surfactant	phosphate ester	30%	2	C	BCZ
ASSIST OIL CONCENTRATE	mineral oil/surfactant (non herbicidal)	paraffin base mineral oil + surfactant blend	83% + 17%	3	C	BAZ
AQUASOFT	water conditioning agent	hydroxy carboxylic acid, phosphoric acids and ammonium sulfate polyacrylic acid	63%	N/A	A	NOR
AQUA-STABLE	buffering agent	aliphatic polycarboxylate & calcium chloride	28%	N/A	A	NOR
BREAKER	antifoamer/defoamer			N/A	A	UAG
CHOICE	water conditioning agent	polyacrylic, hydroxy carboxylic, propionic acids, phosphate ester & ammonium sulfate	50%	N/A	A	UAG
COMPANION	non-ionic surfactant	ocylphenoxy-polyethoxy-(9) ethanol	70%	3	C	DWE
FIGHTER F	antifoamer/defoamer	dimethylpolysiloxane	10%	3	A	UAG
FLATOUT	defoamer	dimethylpolysiloxane	18%	3	A	NOR
HALT	defoamer	silicone base, neutral	30%	N/A	A	DWE

Brand and Trade Names*	Type of Adjuvant	Chemical Composition	Guaranteed Active	Ont. Sch.	Winter Storage	Manufacturer/ Agent Code
HASTEN	non-ionic esterified vegetable oil	methyl and ethyl oleate	77.4%	3	C	BCZ
IN-SIGHT	foam marker dye	dye, surfactants, and coupling agents.		N/A	A	NOR
KORNOIL	mineral oil (non-herbicidal)	mineral oil + emulsifier	98.5% + 1.5%	3	C	TEX
KORNOIL CONCENTRATE	mineral oil/surfactant (non-herbicidal)	paraffin base mineral oil + surfactant blend	85% + 15%	3	C	TEX
LI700	non-ionic surfactant & pH adjuster acidifier	phosphatidylcholine, methylacetic acid, alky polyoxyethylene ether	80%	3	C	NUA
MERGE	surfactant/solvent	surfactant blend + solvent (petroleum hydrocarbons)	50% + 50%	3	B	BAZ
SIDEKICK	non-ionic liquid spreader/activator	alkylaryl/polyoxyethylene glycols, free fatty acids & isopropyl alcohol	900 g/L	3	C	NOR
SUPER SPREADER	non-ionic spreader sticker surfactant	ocylphenoxy-polyethoxy ethanol	50%	3	A	UAP
SUPERIOR OIL CONCENTRATE	mineral oil (non herbicidal)	paraffin base mineral oil + surfactant blend	83% + 17%	6	A	BAT, WBR
SURE-MIX	petroleum oil/ surfactant (non-herbicidal)	paraffinic petroleum oil + surfactant blend	60% + 35.6%	6	A	DUQ
SYLGARD 309	organosilicone, non-ionic	silicone polyether	76%	3	C	NOR
TRAMLIN	foam marker	nonionic and anionic surfactants	30%	N/A	A	NOR
TREKKER TRAX	foam marker	alcohols, mixed anionic & nonionic surfactants	54%	N/A	A	UAG
TURBOCHARGE	mineral oil/surfactant (non herbicidal)	paraffin base mineral oil + surfactant blend	50% + 39.5%	3	C	SYN
UNITE	compatibility agent	acid polyglycols & methyl alcohol	83.70%		A	UAG
VALID	drift retardant/defoamer	lecithin, emulsifiers, glycols and dimethylpolysiloxane defoamer	100%	N/A	A	UAG
XA OIL CONCENTRATE	mineral oil/surfactant (non herbicidal)	paraffin base mineral oil + surfactant blend	83% + 17%	6	A	UAG

* Mention of a brand or trade name in this table does not constitute a guarantee or warranty of the product by the Ontario Weed Committee. Neither does this use signify that these products are approved to the exclusion of comparable products. All trade names are capitalized.

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