

Common adjuvants used for fruit and their properties. (April 2011)

Product	Source	Type ^a	Use ^b	Spreader	Sticker ^c	Penetrant	Other ^d
Activator 90	Loveland	NIS	I,F,H,G	X		(X)	O
Biotune	AgraQuest	NIS & AS	I,F	X	X		
Bond Max	Loveland	LBS	I,F	X	X		
Cohere	Helena	NIS	I,F,H	X	X		Wax soluble
Dyne-Amic	Helena	OSI	I,F,H	X		X	
Hasten	Wilbur-Ellis	NIS + veg oil	I,F,H	X		X	
Induce	Helena	NIS	I,F,H	X			O
Induce pH	Helena	NIS		X	X		O,B
Freeway (formerly Intac Plus)	Loveland	OSI	I,F,H	X			D
Kinetic	Helena	OSI	I,F	X		X	S
Franchise (formerly Latron B-1956)	Loveland	NIS	I,F,H	X	X		
LI-700	Loveland	NIS	I,F,H,G	X		X	A,D,O
Nu-Film 17	Miller	TBS	I,F,H	X	XX	(X)	
Nu-Film P	Miller	TBS	I,F,H	X	XX		
Preference	Agriliance	NIS	I,F,H	X			S
R-11 Spreader Activator	Wilbur-Ellis	NIS	I,F,H,G	X		X	
R-56 Spreader Sticker	Wilbur-Ellis	NIS	I,F,H	X	X		
Regulaid	Kalo	NIS	G	X		X	S
Silken	Agriliance	OSI	I,F	X		X	
Super Spread 90	Wilbur-Ellis	NIS	I,F,H	X			
Super Spread 7000	Willbur-Ellis	NIS	I,F	X			
Sylgard 309	Wilbur-Ellis	OSI	I,F,H,G	X		X	
Widespread Max (formerly Silwet L-77)	Loveland	OSI	I,F,H,G	X		X	
Tactic	Loveland	OSI	I,F	X	X	X	
Liberate (formerly X-77)	Loveland	NIS	I,F,H	X		X	Neutral pH, not for grapes

^a NIS = non-ionic surfactant, AS = anionic surfactant, OSI = organo-silicone surfactant, TBS = terpene-based non-ionic surfactant, LBS = latex-based sticker.

^b I = insecticide, F = fungicide, H = herbicide (contact type), G = growth regulator.

^c XX = tenacious sticker, (X) = modest sticker activity.

^d O = foam retardant, A = acidifier, B = buffer, D = drift retardant, S = slows drying, U = UV protection.

pH Modifiers

Product	Source	Acidifier	Buffer	Notes
Aero Dyne-Amic	Helena	X		
Buffer Xtra Strength	Helena		X	Includes conditioning agent
Buffer P.S.	Helena		X	
Choice Weather Master	Loveland	X		Hard water conditioner
Combine	Riverside		X	
Induce pH	Helena	X	X	Low foam, non-ionic surfactant
LI 700	Loveland	X		
Super Spread 7000	Wilbur-Ellis	X	X	
Sorba-Spray MG	Leffingwell	X		
Spray Aide	Miller	X		
Tri-Fol	Wilbur-Ellis	X	X	Not for use with copper fungicides
Vinegar, muriatic acid, citric acid	Various	X		No buffering action

Compatibility Agents

Product	Source	Note
Blender VHC	Setre	
Complex	Kalo	
E-Z Mix	Loveland	Increases mixability of pesticide and liquid fertilizer
Spray-Aide	Miller	
Combine	Riverside	
Setre FA-1	Setre	

Drift Retardants

Product	Source	Note
Brace	Riverside	
Reign (formerly Chem-Trol)	Loveland	
Deposit	Loveland	
Drop Zone DC	Helena	
Drop Zone LC	Helena	
In-Place	Wilbur-Ellis	Includes cationic wetting agent
Intac	Loveland	
LI 700	Loveland	
Placement	Agriliance	Includes cationic wetting agent
Strike Zone DC	Setre	
Weather Gard Complete	Loveland	Includes water conditioner, anti-foaming, and penetrant agents
Windbrake	Riverside	
Windcheck	Riverside	

Foam Retardants

Product	Source	Note
No Foam	Wilbur-Ellis	
Foam Fighter	Miller	
Anti Foam Agent	Kalo	
Defoamer	Kalo, Riverside	Also listed for Van Diest Supply
Fighter F-10	Loveland	
Unfoamer	Loveland	
Foam Buster	Helena	
Weather Guard Complete	Loveland	Includes water conditioner, drift-retardant, and penetrant agents

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