

HSNO Class: 6.4A, 6.3B, 6.5B, 6.1E, 6.9A, 6.8A, 9.1D

HEALTH WARNING: TOXIC – may cause sensitization from prolonged skin contact. Avoid contact with the skin. Repeated oral exposure at high doses may cause reproductive/ development damage and damage to the thyroid, liver, kidneys and blood forming system.

HARMFUL – may cause eye irritation and be harmful if swallowed or inhaled. Avoid contact with the eyes and inhalation.

ENVIRONMENTAL WARNING: Harmful to aquatic organisms. Avoid contamination of any water supply with product or empty container.

ENVIRONMENTAL WARNING: Toxic to the aquatic environment at very high concentrations only.

PRODUCT DISPOSAL: Ensure unwanted product is used by another operator strictly in accordance with label directions. Do not allow product to enter waterways, drains or sewers.

CONTAINER DISPOSAL: Triple rinse container and add residue to spray tank. Submit clean empty container for recycling through Agrecovery. If this is not possible, burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.

HANDLING PRECAUTIONS: When mixing or applying, wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Do not allow to freeze. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.

FIRST AID: If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre **0800 POISON (0800 764 766)** or a doctor immediately. If skin, hair or eye contact occurs, remove contaminated clothing and flush skin, hair and/or eyes with running water for several minutes.

PRODUCT INFORMATION

DU-WETT RAINMASTER is a non-ionic surfactant combining the rainfast and deposition properties of a polymer latex with the super-spreading properties of an organosilicone super-wetter, designed specifically for the application of fungicides, insecticides and plant growth regulators in horticultural and arable crops. **DU-WETT RAINMASTER** lowers the surface tension of spray solutions well below commonly used surfactants, but, unlike most other silicone super-wetters, **DU-WETT RAINMASTER** will not give unwanted stomatal infiltration when used at recommended rates. Lower surface tension will result in more effective wetting and more uniform coverage on nearly any surface. In addition, **DU-WETT RAINMASTER** will also enhance the amount of product retained on the leaf surface at spraying by reducing droplet shatter and bounce, and will also give excellent rainfastness for 10 –14 days after spraying.

Unlike some other stickers, **DU-WETT RAINMASTER** does not encapsulate the chemical so does not elevate residue levels at harvest nor does it hinder the release of coppers or systemic products.

DU-WETT RAINMASTER readily disperses in spray solutions (aqueous and most non- aqueous). **DU-WETT RAINMASTER** is especially suited to situations where coverage and retention are critical and is particularly suited to low volume spraying and aerial applications where water coverage is a limiting factor.

DU-WETT RAINMASTER, when used according to directions, will decrease off-target spray drift.

DU-WETT RAINMASTER is very useful in a Du-Wett® spray program and should be used instead of Du-Wett whenever rain or overhead irrigation is expected within 5 days of spraying.

IMPORTANT: Before spraying any previously untried mixtures with **DU-WETT RAINMASTER**, always test the mixture before hand for crop phytotoxicity.

DIRECTIONS FOR USE

DU-WETT RAINMASTER will give best results in low volume spraying – around 25% or less of the normal volume of water when sprayed to the point of run-off. High volumes with **DU-WETT RAINMASTER** can result in excessive run-off of spray liquid. Adjust the water volume, to obtain thorough coverage without excessive run-off. The chart below will serve as a guide to the correct rate of **DU-WETT RAINMASTER** to use.

Mixing:

1. Fill spray tank half full with water and begin agitation. 2. If foaming is expected add Fighter F® antifoamer to the tank before adding the pesticides. 3. Add pesticides /foliar nutrients as directed on their respective labels. Maintain agitation. 4. SHAKE **DU-WETT RAINMASTER** CONTAINER THOROUGHLY and add the required amount AFTER all the pesticides are thoroughly mixed in the tank.

RECOMMENDATIONS:

Adjuvants contained in the pesticide formulations can be antagonistic to **DU-WETT RAINMASTER** and Du-Wett. As more products are added to the spray tank, antagonism increases. Higher rates of **DU-WETT RAINMASTER** are required to overcome this antagonism. The charts set out will serve as a guide to tank mix rates of **DU-WETT RAINMASTER**. For most economic use of the program substitute Du-Wett for **DU-WETT RAINMASTER** if settled weather and no overhead irrigation is likely for a minimum of 5 days after spraying. Du-Wett should be used at half of the following chart rates.

USE THE LOWER WATER VOLUMES WHEN CROP CANOPY IS SMALL OR LIGHT. USE THE HIGHER WATER VOLUMES ON LARGE, DENSE CANOPIES.

Recommendations for use in other crops (avocados, citrus, apples, stonefruit,) etc are under development. Consult your Elliott Technologies Distributor for the latest information.

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Rainmaster™ is a trademark of Elliott Chemicals Ltd

Fighter-F®, Li-700® and Validate® are registered trademarks of Loveland Products Inc, USA

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200H X 230W



INCLUSION RATES

CROP	Sprayer Type	Water Litres/ha	Total kgs or litres of chemicals being applied per hectare								
			1	2	3	4	5	6	7	8	9
Rate of DU-WETT RAINMASTER required in mls per hectare											
VEGETABLES											
Hard to wet	Boom	150-250	300	300	450	600	750	900	1000	1100	1200
Easy to wet	Aerial	50-100	200	250	380	500	600	650	700	750	800
CUCURBITS			300	300	400	400	500	500	600	600	700
GRAPES											
Foliage	Air assist	100-250	300	300	400	400	500	500	600	600	700
Bunches		200-250	800	800	800	900	1000	1000	1100	1100	1200

CROP CHARACTERISTICS

Crop type	Characteristics	Crop targets
Vegetables	Hard to wet	Brassicas, Carrots, Onions, Lettuce, Tomato (fruit)
Vegetables	Easy to wet	Potatoes, Tomato (leaves)
Cucurbits	Dense canopy	Squash, Pumpkin, Cucumber
Grape Foliage	Easy to wet	Wine and table Grapes (leaves)
Grape bunches	Moderately hard to wet	Wine and table Grapes (fruit)

NOTES

- Optimum spreading and wetting from **DU-WETT RAINMASTER** will occur between pH5 and pH9. Spray mixtures above and below these figures should be sprayed immediately or adjust the solution to within the correct range to avoid breakdown of the **DU-WETT RAINMASTER**. **DU-WETT RAINMASTER** may be used with LI-700® to adjust pH levels down and to also optimize uptake of systemic products. Validate® penetrant should be used where pH adjustment is not required. Do not use Validate on grapes or apples as phytotoxicity may occur.
- Not all formulations of chemicals behave the same with **DU-WETT RAINMASTER**. Consult your Elliott Technologies Distributor or the **DU-WETT RAINMASTER** Spray Charts for the latest information on individual product spread antagonism before using new tank mixtures.
- DU-WETT RAINMASTER** has demonstrated good plant safety. However not all plants and spray mixtures have been tested. Treatments that have a potential for phytotoxicity could be aggravated by **DU-WETT RAINMASTER**. Before treating large areas, a small area should be tested and the results observed.
- Do not add any other surfactants to **DU-WETT RAINMASTER** other than those products named on this label. For best economic results, substitute Du-Wett for **DU-WETT RAINMASTER** if settled weather is anticipated for a minimum of 5 days after spraying.

COMPATIBILITY

DU-WETT RAINMASTER is compatible with most commonly used fungicides, insecticides and plant growth regulators. It should not be used with herbicides as stomatal uptake will not occur. Do not mix **DU-WETT RAINMASTER** with spray oils as phytotoxicity may occur. **DU-WETT RAINMASTER** will break down rapidly when mixed with highly acidic or highly alkaline chemicals and poor wetting may result. Do not use **DU-WETT RAINMASTER** with LI-700® penetrant in water that is neutral (pH 7) or acidic.

EXCLUSION OF LIABILITY: PLEASE READ

To the extent permitted by law, buyers and/or users of the goods accept that neither the manufacturer, Elliott Technologies Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

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