

HARMFUL
KEEP OUT OF REACH OF CHILDREN

DuWett®

SUPER-SPREADER

**Organosilicone Super-spreader
with improved deposition**

**To enhance the spreading and foliage deposition
of fungicides, insecticides and nutrients in
low water volume, concentrate spraying**

Contains a proprietary organosilicone / organic fluid blend

**NET CONTENTS:
20 Litres**

Distributed By:
Elliott Technologies Limited
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Elliott®

PMS 288 **PMS 298** **PMS 485** **BLACK**

SHAKE WELL BEFORE USING

HSNO Class: 6.1.E, 6.3B, 6.4A, 6.5B, 6.8A, 6.9A, 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, inhaled or swallowed. Avoid contact with the eyes and inhalation.

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

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: Ensure container is completely empty. 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. 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 is a non-ionic organosilicone surfactant blend designed specifically for the application of fungicides and insecticides in horticultural and arable crops. **Du-Wett** lowers the surface tension of spray solutions well below commonly used surfactants, but, unlike most other silicone super-wetters, when used at recommended rates, **Du-Wett** will not give unwanted stomatal infiltration which can cause plant damage through uptake of solvents and/or excessive spray water. Lower surface tension will result in more effective wetting and more uniform coverage on nearly any surface. **Du-Wett** will also enhance the amount of product retained on the leaf surface of spraying.

Du-Wett, when used according to directions, will reduce off-target spray drift by up to 25%. **Du-Wett** readily disperses in spray solutions (aqueous and most non-aqueous). **Du-Wett** is especially suited to situations where coverage is critical and is particularly suited to low volume spraying and aerial applications where water coverage is a limiting factor.

Du-Wett is not resistant to rainfall. If rain or overhead irrigation is likely to occur within 5 days of treatment, substitute **Du-Wett** with **BondXtra®**, a latex based super-spreader that will improve rain resistance and reduce wash-off.

IMPORTANT
Before spraying any previously untried mixtures with **Du-Wett**, always test the mixture before hand for crop phytotoxicity.

DIRECTIONS FOR USE
Du-Wett will give best results in low volume spraying – around 25% or less of the normal volume of water when sprayed to run-off. High volumes with **Du-Wett** will result in excessive run-off of spray liquid and poor results. The chart below will serve as a guide.

Mixing: 1. Fill spray tank half full with water and begin agitation.
2. If foaming is expected add Fighter F (®) anti-foamer to the tank before adding the pesticides.
3. Add pesticides and foliar nutrients as directed on their respective labels. Maintain agitation.
4. SHAKE **Du-Wett** 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**. As more products are added to the spray tank, antagonism increases. Higher rates of **Du-Wett** must be used to overcome this antagonism. The charts will serve as a guide to tank mix rates of **Du-Wett**. Bond Xtra should be used at double these rates.

GROUND AND AIR APPLICATIONS:
Add total kilograms and litres (l=1) of formulated chemicals being applied per hectare and refer to the column in the chart for the **Du-Wett** rate required per hectare.

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**24 Hour Emergency Response
0800 CHEM CALL 0800 243 622**

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NOTES

1. Optimum spreading and wetting from **Du-Wett** will occur between pH4 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**. **Du-Wett** may be used with LI-700® to optimise leaf penetration but the spray solution must be applied within 2 hours. **Validate®** Penetrant and Drift Retardant can also be used with normal time-to-spray restrictions for maximum uptake of systemic products but do not use **Validate** on grapes as phytotoxicity may occur.

2. Not all formulations of chemicals behave the same with **Du-Wett**. Consult your Elliott Technologies Distributor or the **Du-Wett** Spray Charts for the latest information on individual product spread antagonism before using new tank mixtures.

3. **Du-Wett** 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**. Before treating large areas, a small area should be tested and the results observed.

4. Do not add any other surfactants to **Du-Wett** other than those products named on this label. If rain or overhead irrigation is expected within 5 days of spraying, use **Bond Xtra** instead of **Du-Wett**, at double the above chart rates, for improved rainfastness.

COMPATIBILITY
Du-Wett 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** with spray oils as phytotoxicity may occur. **Du-Wett** will break down rapidly when mixed with highly acidic or highly alkaline chemicals and poor wetting may result.

RATES

CROP	Total kgs or litres of chemicals being applied per hectare									WATER RATE GUIDELINES	
	1	2	3	4	5	6	7	8	9	Grower type	Suggested water rate
VEGETABLES	Rate of Du-Wett required in ml per hectare									VEGETABLES/CUCURBITS	
Hard to wet	200	200	250	300	350	450	500	550	600	Boom	150-250
Easy to wet	100	125	190	100	300	325	350	375	400	Aerial	50-100
CUCURBITS	150	150	200	150	250	250	300	300	350	Air Assist	100-250
GRAPES										GRAPES/Bunches	
Foliage	150	150	200	150	250	250	300	300	350	Air Assist	200-250
Bunches	400	400	400	450	500	500	550	550	600	APPLIES	
APPLES	200	200	200	200	200	200	350	350	350	Air Assist	200-350
ARABLE	200	200	250	300	350	450	500	550	600	Boom/Aerial	50-100

CROP CHARACTERISTICS	
Vegetables	Hard to wet
Vegetables	Easy to wet
Cucurbits	Medium canopy
Grape Foliage	Medium to wet
Grape Bunches	Hard to wet
Apples	Medium to wet
Arable	Hard to wet

Use the lower water volumes when crop canopy is small or light. Use the higher water volumes on larger, dense canopies. Recommendations for use in other crops (avocados, citrus, stonefruit) etc are under development. Consult your Elliott Technologies Distributor for the latest information.

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 loss/over arising in connection with the supply of these goods.



Batch No.
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Elliott®

200H X 230W