

**WARNING. KEEP OUT OF REACH OF CHILDREN  
READ THE LABEL CAREFULLY AND SHAKE WELL BEFORE USING**

# Du Wett®

## SUPER-SPREADER

**To enhance the spreading and foliage deposition  
of fungicides, insecticides, foliar nutrient products and certain  
contact and selective herbicides in low water rate, concentrate spraying**

Du-Wett + fluoro dye

Water + fluoro dye



**AGRECOVERY**  
Rural Recycling Programme

Contains a proprietary organosilicone / organic fluid blend

NET  
CONTENTS:

**15**  
LITRES

**Distributed by:**  
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**PRODUCT INFORMATION:** Du-Wett is a non-ionic organosilicone surfactant blend designed specifically for the application of fungicides, insecticides, foliar nutrition and certain contact and selective herbicides. 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 cause stomatal infiltration which can cause plant damage through unwanted uptake of chemicals, solvents and/or excessive spray water. Use of Du-Wett as recommended will result in better and more uniform coverage, higher retention of agrichemicals, and also reduced drift by up to 25%. Du-Wett is particularly suited to low volume spraying including aerial applications.

Du-Wett is partially resistant to light rainfall only. If rain or overhead irrigation is likely to occur within 5 days of treatment, substitute Du-Wett with BondXtra® or Du-Wett WeatherMAX® at double Du-Wett chart rates in the same low water volumes. These latex based super-spreaders will improve rain resistance and reduce wash-off.

**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 (depending on crop type). High water volumes with Du-Wett will result in excessive run-off of spray liquid and poor results. Adjust the water volumes, to obtain thorough coverage without excessive run-off. The rate charts will serve as a guide.

**Mixing:**

1. Fill spray tank half full with water and begin agitation.
2. If foaming is expected add FoamMaster® anti-foamer to the half-full tank before adding the agrichemicals.
3. Add agrichemicals 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 agrichemicals are thoroughly mixed in the tank.

**RECOMMENDATIONS:** Adjuvants contained in Agrichemical formulations can be antagonistic to Du-Wett by reducing spreading. 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 set out below will serve as a guide to tank mix rates of Du-Wett. Bond Xtra or Du-Wett WeatherMAX should be used at double these rates.

**GROUND AND AIR APPLICATIONS:** Add total kilograms and litres (1L+1kg = 2 etc) of formulated chemicals being applied (per hectare rate) and refer to that column, in the chart below, for the Du-Wett rate required per hectare for your specific crop target.

**COMPATIBILITY:** Du-Wett is compatible with most commonly used fungicides, insecticides and plant growth regulators. Du-Wett will break down rapidly when mixed with highly acidic (pH<5) or highly alkaline (pH>9) chemicals and poor wetting may result.

CROP TYPE	RATE CHART		Total kgs or litres of chemicals being applied per hectare								
	Sprayer Type	Water L/ha	1	2	3	4	5	6	7	8	9
VEGETABLES / ARABLE			Rate of DU-WETT required, in mls per hectare								
Hard to wet	Ground or Aerial	50-250	200	225	300	375	450	500	550	600	
Moderately hard to wet			150	200	250	300	350				
Easy to Wet		50-100	100	125	200	250	300	325	350	375	400
VINE & BRAMBLE - Hard to wet	Air Assist	200-250	400		450	500	550	600			
VINE & BRAMBLE - Easy to wet		100-250	150	200	250	300	350				
APPLES, PEARS, STONEFRUIT		See below	200		250	300	350				
AVOCADOS* & CITRUS*			200	200	200	200	200	200	200	200	200

\*Avocados, Citrus - If using over 800L/ha concentrate, add extra 25ml Du-Wett to each extra 100 L/ha

**CROP CHARACTERISTICS**

CROP TYPE	WETTING CHARACTERISTICS	CROPS AND COMMENTS
Arable Crops	Hard to wet	Brassicac, peas, cereals, pasture, clover, lucerne, etc.
Vegetables	Hard to wet	Brassicac, carrots, onions, tomato (fruit), etc.
Vegetables / Arable	Moderately hard to wet	Squash, pumpkin, cucumber, beets, broad beans etc.
Vegetables / Arable	Easy to wet	Potatoes, tomato (leaves), lettuce, beans, etc.
Vine and Bramble	Hard to wet	Grape (bunches), Berry fruit (brambles) and Black Currant fruit etc.
Vine and Bramble	Moderately hard to wet	Grape leaves, Berryfruit fruit (brambles) and Black Currant foliage etc.
Apples, Pears Stonefruit	Moderately hard to wet	Water volume 200 – 400L/ha (5X conc). See Apple Notes below for Mealy bug control at Green Tip
Avocado	Moderately hard to wet	Spray 3X concentrate in 1/3 normal water (*see note under rate chart)
Citrus	Moderately hard to wet	Spray 5X concentrate in 1/5th normal water (*see note under rate chart)

Use the lower water volumes when crop canopy is small or light. Use the higher water volumes on larger, dense canopies. Consult your UPL New Zealand Distributor for the latest information.

**KIWI FRUIT**

CROP STAGE	DU-WETT RATE ML/HA	MAXIMUM WATER RATE LITRES/HA
Dormant (bare canes)	500	700 (500 Best Practice)
Green Tip through early spring	400	700 (500 Best Practice)
Pre-flowering and full canopy	400	1000 (700 Best Practice)
Post harvest to leaf drop	500	1000 (700 Best Practice)
Post leaf drop scar protection	750	700 (500 Best Practice)

**KIWI FRUIT NOTES**

1. The above recommendations are based on 2 X Concentrate spraying
2. Using higher water rates, or Du-Wett rates higher than those shown above, can lead to excessive run-off and waste.
3. If wet weather is expected within 5 days of application, substitute Du-Wett with Du-Wett WeatherMAX at double the Du-Wett rate above e.g. 400mls Du-Wett = 800 mls Du-Wett WeatherMAX per hectare. Not necessary for rainfast copper sprays on kiwifruit

**APPLE NOTES – Mealy bug control (2 Spray Programme)**

1. Green Tip – use 1000 litres water with 2% oil (including 1% Oil-Mate®) with 500 mls Du-Wett/ha
2. Pink – use 1000 litres water with Ovation® PLUS Du-Wett at 250 mls/ha.

**HERBICIDE USES**

**1. CROP DESICCATION**

Potatoes, peas, Oil Seed Rape, etc.  
Use Du-Wett with recommended label rates of Diquat in 100 – 200 litres water/ha. Refer to above Use Rates Chart for Arable Crops – Hard to wet.

**2. General purpose Burn-off with Paraquat or Paraquat/Diquat mixtures**

Use Du-Wett with recommended label rates of Paraquat in 100 – 200 Litres water/ha  
Use Du-Wett chart rates for Arable crops – Hard to wet

**3. General Purpose Weed Control Burn-off - Orchards, vineyards, pasture etc with Bammer® Herbicide.**

Add Du-Wett at 200 ml/100 litres water in 100 to 200 litres water per hectare to the recommended label rate of Bammer per hectare. Use the higher water rate for larger weeds over 25 cm high

**4. Selective herbicides**

- (a) Fodder Beet  
Use Du-Wett with certain early post-emergence herbicides at the recommended herbicide rates in 100 – 150 litres water at the Chart Rate for Arable Crops – Hard to wet. If a penetrant is also recommended this may be reduced to half rate due to increased coverage
- (b) Other crops – cereals, forage brassicas, onions, etc.  
Du-Wett has been used with certain selective herbicides when ever better spreading is required on the target weed. Use the chart rate for Arable Crops – Hard to wet. In 150 – 200 litres water/hectare. Test a small area for crop safety before widescale use.

**NOTES**

1. Optimum spreading and wetting from Du-Wett will occur between pH5 and pH9. Spray mixtures above and below these figures should be adjusted to be within the correct pH range to avoid breakdown of the Du-Wett. Du-Wett may be used with Li-700®. Li-1000® or Validate® to optimise leaf penetration. (refer to the mixing product label for constraints on use). Add an extra 100 ml Du-Wett per hectare to the Chart Rates above when these products are in tank mix.
2. Not all formulations of agrichemicals behave the same with Du-Wett. Consult your UPL New Zealand 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 adjuvants to Du-Wett other than those products named on this label.
5. If rain or overhead irrigation is expected within 5 days of spraying, use Du-Wett WeatherMAX or Bond Xtra instead of Du-Wett, at double the above chart rates, for improved rainfastness.
6. **DO NOT USE ON ANY ORNAMENTAL CROP INCLUDING THOSE GROWN FOR CUT FLOWERS, FOLIAGE AND NURSERY PLANTS**

HSNO Class: 6.1D, 6.3B, 6.4A, 9.1B, 9.3B

**WARNING**

Harmful if swallowed or inhaled  
 May cause skin and eye irritation  
 Toxic to aquatic organisms.  
 Toxic to terrestrial vertebrates

**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 residues to spray tank. Submit clean empty container for recycling through Agrecovery. If this is not possible bury in landfill. Avoid contamination of any water supply with product or empty container.

**HANDLING PRECAUTIONS:** Avoid contact with skin and eyes and inhalation. 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.

**EXCLUSION OF LIABILITY: PLEASE READ**

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Approved pursuant to the HSNO Act 1996, Approval Code HSR002503

	<b>UN 3082</b> <b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE,</b> <b>LIQUID, N.O.S.</b> (contains Siloxane Polyalkyleneoxide Copolymer) <b>MARINE POLLUTANT</b> <b>PACKING GROUP III, HAZCHEM 3Z</b>
	In a transport emergency dial 111, Police or Fire Brigade For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 622)

UPL334/15L

<b>BATCH NO</b>
<b>DOM</b>

