



Loveland

AGRI PRODUCTS

Trial Data

WaterMaxx 2 - Broccoli, Tomato & Stonefruit

QLD

WaterMaxx 2

- Applied to broccoli with single row drip tape
- Applied to tomatoes with single row tape and mulch
- Applied to stone fruit with 4L/ hour drippers

- Use rate: 2-10L/ ha
- Trial use rate: 2L/ ha

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WaterMaxx 2

WaterMaxx 2 helps growers use water more efficiently and maintain crop productivity by improving the way water moves through soils.

Benefits

- Improves infiltration so that water and nutrients move into the root zone quickly and evenly
- Improves the lateral movement of water, increasing the horizontal reach of water
- Improves the availability of water and nutrients to the plant, increasing crop productivity
- Reduces water use and makes every drop count

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Water Movement

Untreated



Treated



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Broccoli

Single row drip tape (80cm bed)

Treatment Surface	Treatment Surface				Treatment at 150mm			
	Treated (cm)		Untreated (cm)		Treated (cm)		Untreated (cm)	
Row 1	32		32		62		50	
Row 2	35		25		70		50	
Row 3	34		30		80		57	
Row 4	32		29		77		60	
Row 5	35		28		65		55	
Average	33.6	a	28.8	b	70.8	a	54.4	b
LSD (P=0.05)	4.76				6.72			
CV	8.69				6.11			

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Tomato

Single row tape and mulch

Treatment Surface	Treatment Surface				Treatment at 150mm			
	Treated (cm)		Untreated (cm)		Treated (cm)		Untreated (cm)	
Row 1	25		20		80		65	
Row 2	40		30		75		70	
Row 3	35		25		85		55	
Row 4	37		25		90		60	
Row 5	40		30		85		70	
Average	35.4	a	26	b	83	a	64	b
LSD (P=0.05)	3.24				14.15			
CV	6.01				10.97			

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Stone Fruit

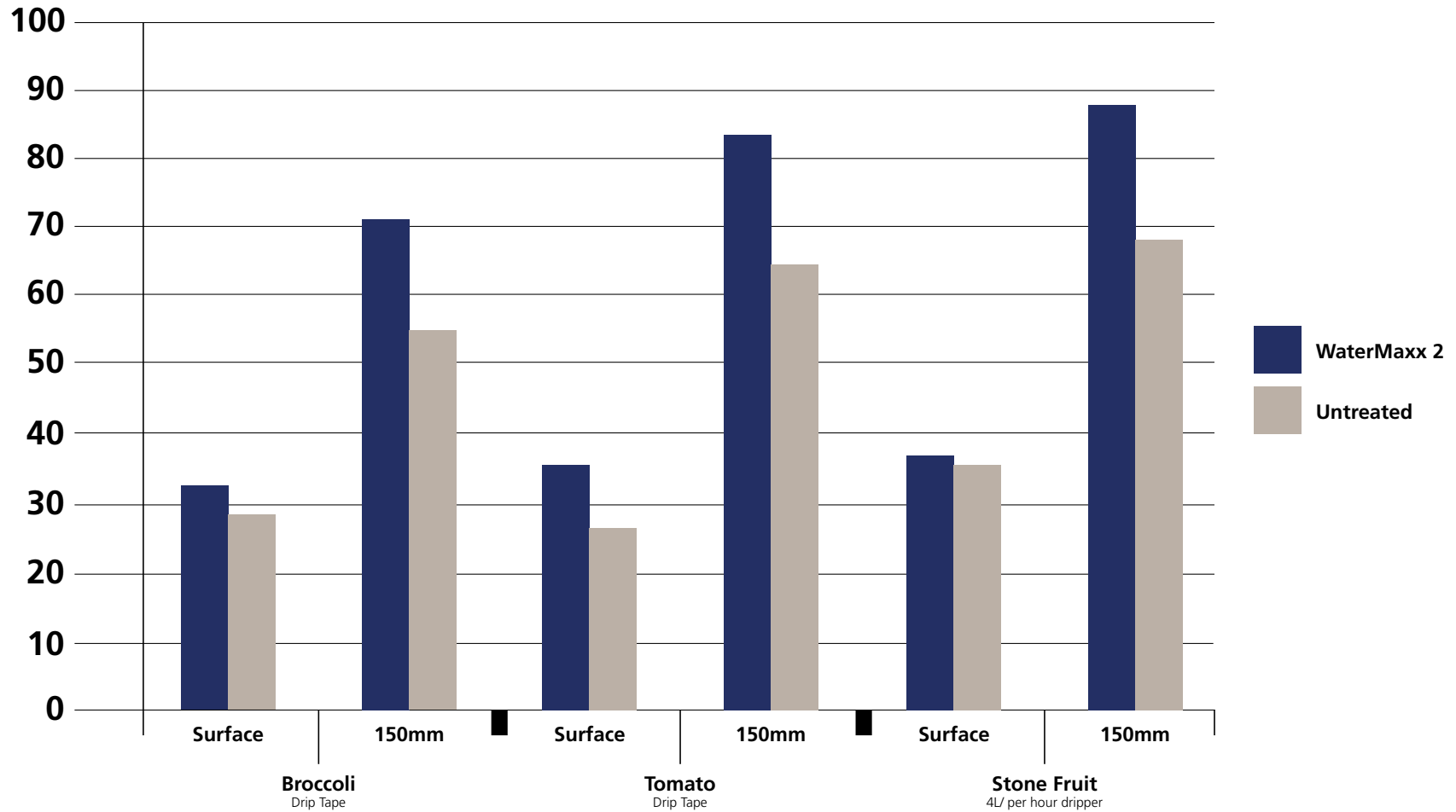
4L/ per hour drippers

Treatment Surface	Treatment Surface				Treatment at 150mm			
	Treated (cm)		Untreated (cm)		Treated (cm)		Untreated (cm)	
Row 1	30		30		80		75	
Row 2	35		30		90		70	
Row 3	30		40		95		65	
Row 4	40		30		87		70	
Row 5	45		40		85		60	
Average	36	a	34	a	87.4	a	68	b
LSD (P=0.05)	3.4				11.73			
CV	5.53				8.6			

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Water Movement

Surface vs. 150mm



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Conclusions

- WaterMaxx 2 at 2L/ ha assists in moving water from the drip point into the plant root zone
- In some of these scenarios at 150mm from the drip point, water had moved a further 20cm

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