AG-CRETE INDUSTRIES

THE TROUGH EXPERTS

HASSLE-FREE SOLUTIONS FOR STOCK-PROOF WATER TROUGHS!

WATER VOLUME: **Ensure trough capacity is adequate for the livestock accessing it. Check the average water consumption of sheep & cattle, over the page.**

STAINLESS STEEL INLET ELBOWS: **Guarantee strength at the most vulnerable point & prevent pipe damage by large animals. Add external valves, riser & pipe fittings – there's no restriction on space!** Stainless Steel MxF Elbows available from RRP$13.70 for 25mm (1")

FLOAT COVERS TO PROTECT VALVES: **Ag-Crete's covers are stock-proof, won't corrode, and are easy to use. These will last as long as your troughs – a lifetime!**

HIGH-FLOW FLOAT VALVES TO SUIT YOUR WATER PRESSURE: **Check our trough fittings comparison chart or call us for a recommendation. Most brass float valves can be used without valve covers.**

For further information…

03 5450 4400 **03 5450 3119** **sales@agcrete.com.au**

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GUIDE TO STOCK WATER USE

All figures are litres per head, per day. Bear in mind the variations caused by local conditions, e.g. dry or salty feed, lack of shade, extremes of temperature, etc.

		Summer Oct-Mar	Winter Apr-Sep
Sheep	Lactating	9	7
	Dry	7	4.5
	Irrigated pasture	3.5	2
Lambs	Dry pasture	2.5	1
Cattle	Grazing (<550kg)	45	30
	Grazing (>550kg)	67.5	45
	Lot feeding	94	60
	Calves	25	15
	Dairy lactating	70	45
	Dry	45	30
Horses	Working	54	37
	Grazing	36	27

How to work out how many animals a trough can support:

Allow 1 metre of accessible side length for every 65 head of sheep, or 15 head of cattle, as a maximum. At least 10% of your stock should be able to drink at any one time.

How to determine the minimum flow rate required to supply a trough:

The general rule of thumb is to supply the daily requirements over a four hour period. This amount includes the useable capacity of the trough.

Why Ag-Crete concrete troughs are an excellent choice in permanent applications:

- They keep the water temperature much more stable, as they are light coloured (absorb less heat from the sun), and have a much greater mass per exposed surface area.
- They can't easily blow away or get pushed around by stock, which can damage plumbing – leading to more work, and wastage of water. The sides are very stable, and if the ground is eroded, they don't easily buckle or sag, which can lead to spillage. (Water is wasted and the ground becomes boggy and eroded.)
- They are a lot less susceptible to theft.

There are a number of points worth considering before installing troughs. For more information, please contact us, or your local distributor of Ag-Crete products.

Acknowledgements: Most of the above was sourced from the book 'On-Farm Water Reticulation Guide', kindly supplied free by GWM Water.