



Concern

Prior to the introduction of the Centrodose, bulk water and chemical mixes were being transported to site and mixed with manual measurement.

Refilling the water and chemical tanks and mixing to the correct strength was taking over 30 minutes per mix, and this could be repeated up to 5 times per spray run.

Aim

Our aim was to be able to transport bulk fresh water and banded concentrated chemicals to site and precisely mix the chemical concentration only when we needed to spray. This would eliminate the need to have up to 3,500 litres of mixed chemical which is at risk of spillage, poor mix consistency and wastage if the spray run is called off due to weather or other conditions.

Challenge

Dosatrons are primarily used in irrigation, cattle feeds and other low pressure high volume applications. Incorporated into systematic plumbing and holding tank design, the Dosatron's are able to supply a reliable mix and flow via an intermediary tank to the high pressure spray unit.

Solutions and Benefits

- The accurate dosing of chemicals into the water enabled a superior mix and virtually no mixed chemicals remaining after the project is completed.
- The Centrodose allows 3,500 litres of fresh water to be carried at all times and mixed on demand before being sprayed from the truck. Water, if not used, can be stored indefinitely unlike mixed chemicals.
- No refills are required allowing 2 to 2.5 hours of additional spraying time and reduced cost in traffic control.
- Our employees are no longer required to handle and mix concentrated chemicals on-site.
- The risk of environmental spills is virtually eliminated.

Proven Results

- More productive spray runs.
- More accurate dosing of chemical with improved spray kill rate.
- Reduction in quantity of chemical used.
- Lower traffic control costs.
- Less chemical to contain if spilled.
- Less risk to the environment and operators.

Contact Us

For further information regarding the Centrodose, please contact our Head Office on (07) 4755 6888.