

HYDROBOOST

IMPROVES WATER FLOW, THROW, DIRECTION AND INFILTRATION

BENEFITS

- Increases water impact for dust control at dig faces and excavation sites
- Bulk material reaches DEM faster and airborne dust is 'knocked down' faster
- Increases water flow through reduced water 'drag' (friction modifier)
- Creates more pressure at the spray nozzle (better water throw)
- Better water throw increases spray perimeter for better equipment utilisation
- Reduces water loss through spray drift and fallout by approximately 30%
- Minimises spray drift for improved directional water throw and less water wastage
- Higher water infiltration rates with reducing ponding and runoff
- Irrigation advance time shortened through faster water infiltration
- Resulting inline pressure drop action allows for equipment downsizing
- Minimal transport costs due to low usage rates
- Environmentally safe
- Supplied as a liquid for easy handling

DESCRIPTION

HYDROBOOST has been developed by RST to be a cost effective additive for water carts, irrigation systems and fog cannons to maximise dust suppression programs at dig faces and excavation sites.

Water will not achieve Dust Extinction Moisture Levels (DEM) fast and evenly in bulk material excavation nor knock down fugitive airborne dust particles effectively because the chemistry of water repels fine soil and dust particles.

By adding HYDROBOOST into your current watering program, DEM is achieved faster, equipment and water utilisation is greatly improved and airborne dust is knocked down more effectively allowing a faster operational advance with greater environmental compliance.

APPLICATION

HYDROBOOST is dosed or injected into the treatment water at 1:10,000 (0.01%).

As material types and water quality varies greatly from site to site, this dosage rate is a guideline only and should be adjusted to meet each sites requirements. RST's can supply dosage pumps designed to inject the correct application dosage.

For more information and to obtain the Material Safety Data Sheet please contact RST.

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