



Photo shows test site at Pinnaroo, South Australia, a region known for its deep non-wetting sands.



Trial inspection in progress. Wheat crop with Humus Plus 4 in non-wetting sands in the Mallee region.

The main advantage of Humus Plus 4 are:

- Increase crop production and pasture response
- Mixes with other products organic and chemical
- Retains moisture for longer periods
- Increases organic carbon levels
- Increases nutrient availability at root level.
- Assists in P.H. control
- Improves seed germination in low rainfall regions
- Non toxic
- Environmentally friendly
- No odours
- Reduces costs and lifts profits



Barley grown in non-wetting sands treated with Humus Plus 4.



Humus Plus 4 ABN 63 604 564 597

Contact your local agent
for further information

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Increase Production and your bottom line while being environmentally friendly



Now you can grow bigger, better
crops and pastures with all-
natural, Humus Plus 4 - organic
soil conditioner.



Barley crop at Nethererton, South Australia



Improves plant performance

Many of our soil types (profiles) retain very little organic material to help retain moisture and nutrients.

Humus Plus 4 is the key converting these low production soils into productive pastures and crops.

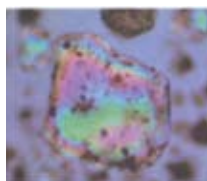
Humus Plus 4 changes the make-up of the soil by increasing carbon content and moisture retention - in fact Humus Plus 4 retains four times its own weight in water

The creation of absorbent carbon by Humus Plus 4, draws moisture into the soil. In trials, fine particles of carbon have penetrated 2 metres down within 6 weeks with 50 mm of rainfall.

Humus Plus 4 increases organic levels, providing a major building block for future fertility and nutrient retention.

The use of humus Plus 4 in soils will improve plant stabilisation in pastures and pre-annual grasses, both native and improved.

Humus Plus 4 works by creating a reaction on the cationic exchange mechanism in the soil, not only does humus Plus 4 hold moisture, but it draws moisture into the soil.



Medium magnification, transmitted light image of sand grain treated with Humus Plus 4. Note the coating of the brown carbonaceous substance.



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This is done because humus Plus 4 has a high negative charge and fine particle size that attracts positive charges such as water and positive nutrients such as calcium, magnesium and potassium.

Economical and easy to use

Humus Plus 4 is screened down to about 10 mm in size and because it retains 12% moisture content, it can be spread with minimal dust creation.



Photo shows comparison of plant root structure and density to Humus Plus 4 application rate. Left is 100 kg/hectare. Right is 1000 kg/hectare.

Humus Plus 4 is ideal for broad-acre application as large amounts are not required for an improvement. However rates from 500 to 1000 kilograms per hectare are recommended for a first year result.

Humus Plus 4 can also be spread over pastures as a top-dress or blended with other products for one pass operation.

Humus Plus 4 can be applied at any time. Preferably before the wet part of the season and 4 weeks before sowing, allowing the rainfall and tilling to penetrate the Humus Plus 4 into the soil.

Humus Plus 4 is non-toxic and contains high levels of organic carbon (plant available humus) also organic matter in conversion and no animal residues manure

Need to know more ? Email Jeff, jt@dcsi.net.au

