



**INDUSTRIES**



mining



chemicals



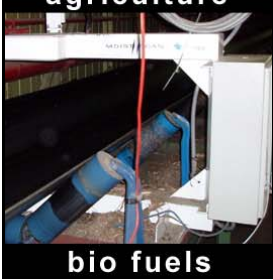
building



food



agriculture



bio fuels

**MEASURING MOISTURE IN FERTILIZER**

**Application Note**

SN: 05-003

**Customer**

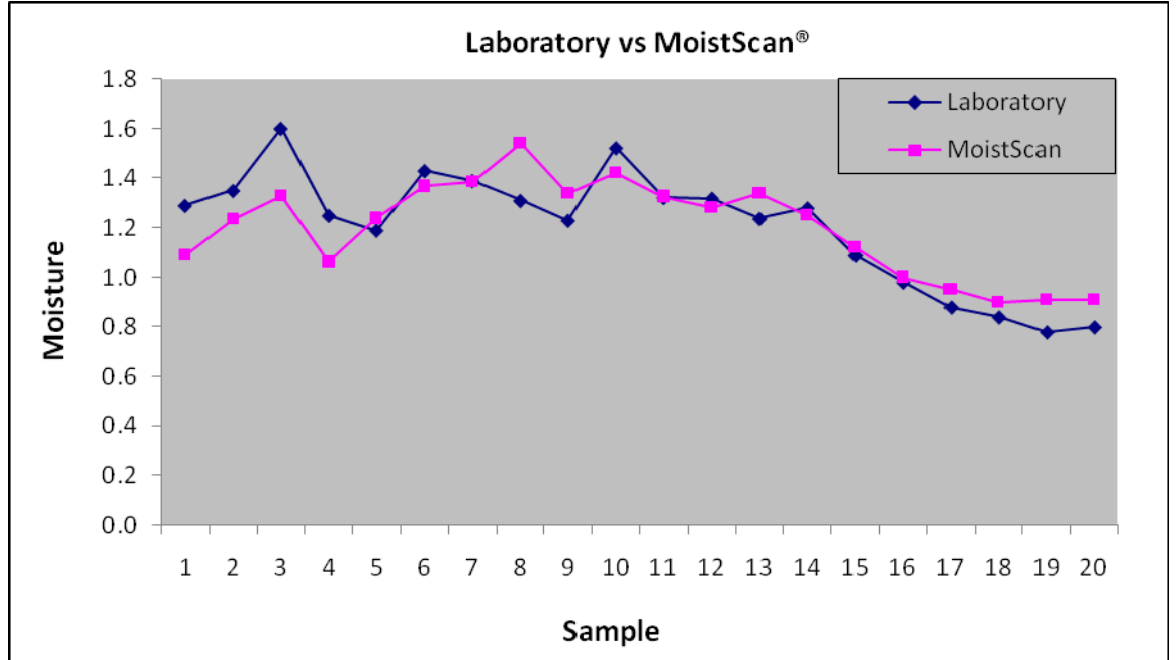
Our customer based in Australasia is a global chemicals company with nitrogen-based manufacturing at its core. The Company holds a portfolio of recognised and trusted brands and is a supplier of fertilisers.

**Installation**

Multiple MoistScan® MA-500's are installed on the conveyor running from the output of the rotary dryer in which fertilizer granules of various types form depending on the operation of the plant. The conveyor then feeds up to the storage sheds where fertilizer is stock piled to await transport to port.

**Benefit**

The MoistScan® is installed to control the rotary dryer to efficiently achieve the desired moisture content of the product.



**Application Summary**

|                      |                |
|----------------------|----------------|
| <b>Material</b>      | Fertilizer     |
| <b>Instrument</b>    | MA-500         |
| <b>Location</b>      | Conveyor Belts |
| <b>Bed Depth</b>     | 1000 - 32000   |
| <b>Particle Size</b> | Varies         |

|                    |                                |
|--------------------|--------------------------------|
| <b>Moisture</b>    | ≤2.8%                          |
| <b>Belt Speed</b>  | N/A                            |
| <b>Temperature</b> | Ambient                        |
| <b>Precision</b>   | N/A                            |
| <b>Use</b>         | Process automation and Control |