

# Soil Test Results

|                      |                       |   |
|----------------------|-----------------------|---|
| <b>Customer:</b>     | <b>A Farmer</b>       |  |
| <b>Sample Date:</b>  | 4/05/2010             |   |
| <b>Paddock Name:</b> | <b>33</b>             |   |
| <b>Lab. No.</b>      | WIS10013              |   |
| <b>Test Type:</b>    | Dairy - Comprehensive |   |

|                |           |
|----------------|-----------|
| Test Depth     | 0-10      |
| Soil Colour    | Dark Grey |
| Gravel Content | 0%        |
| Texture        | Clay      |

|                            | Unit  | Level Found | Desired Range |
|----------------------------|-------|-------------|---------------|
| Phosphorus Olsen           | mg/Kg | 20.3        | 25 - 35       |
| Potassium Colwell          | mg/Kg | 460         | 160 - 250     |
| Sulphur                    | mg/Kg | 10.1        | 10 - 20       |
| Organic Carbon             | %     | 6.6         | 4 - 6         |
| Conductivity               | dS/m  | 0.13        | < 4           |
| pH Level (H2O)             | pH    | 6.1         | 5.6 - 6.5     |
| pH Level (CaCl2)           | pH    | 5.3         | 5.0 - 6.0     |
| DTPA Copper                | mg/Kg | 0.63        | > 2.0         |
| DTPA Iron                  | mg/Kg | 239         | 100 - 400     |
| DTPA Manganese             | mg/Kg | 12          | > 20          |
| DTPA Zinc                  | mg/Kg | 1.6         | > 8           |
| Boron Hot CaCl2            | mg/Kg | 1.0         | > 0.8         |
| Phosphorus Buffering Index |       | 157         |               |
| Ammonium Nitrogen          | mg/Kg | 9           |               |
| Nitrate Nitrogen           | mg/Kg | 21          |               |

| Cations                  | Unit     | Level Found | Desired Levels |
|--------------------------|----------|-------------|----------------|
| Cation Exchange Capacity | meq/100g | 20.50       | 10 - 20        |
| Exchangeable Calcium     | meq/100g | 14.11       |                |
|                          | BSP %    | 68.83       | 60 - 80        |
| Exchangeable Magnesium   | meq/100g | 4.49        |                |
|                          | BSP %    | 21.90       | 10 - 20        |
| Exc. Potassium           | meq/100g | 1.20        |                |
|                          | BSP %    | 5.85        | 3 - 8          |
| Exc. Sodium              | meq/100g | 0.57        |                |
|                          | BSP %    | 2.78        | < 5            |
| Exchangeable Aluminium   | meq/100g | 0.09        |                |
|                          | BSP %    | 0.44        | < 1            |
| Exchangeable Acidity     | meq/100g | 0.04        |                |
|                          | BSP%     | 0.20        | < 1            |

|                             |      |           |
|-----------------------------|------|-----------|
| Calcium : Magnesium Ratio   | 3.14 | 2.0 - 6.0 |
| Potassium : Magnesium Ratio | 0.27 | 0.5 - 1.0 |

|  |                        |                     |
|--|------------------------|---------------------|
| <b>Agri-Doo Nutrient Management Services</b> |                        |                     |
| <b>www.agridoo.com.au</b>                    | <b>03 5565 4430</b>    | <b>0448 866 205</b> |
| soil testing                                 | nutrient management    | effluent management |
| dung beetles                                 | water quality analysis | farm mapping        |

All tests are conducted in a laboratory with NATA and ASPAC accreditation.