

# Nutrient Advantage<sup>®</sup> PRODUCT LIST

EFFECTIVE 15/04/2010



Test	Name	Analytes
<b>Soil Fertility</b>		
A11	Monitor (sulphur KCl)	phosphorus (Colwell), sulphur (KCl), exchangeable cations*
A12	Basic (sulphur KCl)	nitrate, phosphorus (Colwell), phosphorus buffer index (PBI), sulphur (KCl), exchangeable cations*, pH (water), pH (CaCl <sub>2</sub> ), chloride, electrical conductivity
A13	Standard (sulphur KCl)	A12 plus organic carbon, colour, texture, DTPA trace elements (copper, iron, manganese, zinc), ECSE
A14	Complete (sulphur KCl)	A12 plus organic carbon, colour, texture, DTPA trace elements (copper, iron, manganese, zinc), ECSE, ammonium, slaking/dispersion, boron
A21	Monitor (sulphur MCP)	phosphorus (Colwell), sulphur (MCP), exchangeable cations*
A22	Basic (sulphur MCP)	nitrate, phosphorus (Colwell), phosphorus buffer index (PBI), sulphur (MCP), exchangeable cations*, pH (water), pH (CaCl <sub>2</sub> ), chloride, electrical conductivity
A23	Standard (sulphur MCP)	A22 plus organic carbon, colour, texture, DTPA trace elements (copper, iron, manganese, zinc), ECSE
A24	Complete (sulphur MCP)	A22 plus organic carbon, colour, texture, DTPA trace elements (copper, iron, manganese, zinc), ECSE ammonium, slaking/dispersion, boron, pH (Buffer)
A31	Basic + phosphorus (Olsen)	A12 analytes plus phosphorus (Olsen)
A32	Standard + phosphorus (Olsen)	A13 analytes plus phosphorus (Olsen)
A33	Complete + phosphorus (Olsen)	A14 analytes plus ammonium, slaking/dispersion, boron
<b>Soil Sugarcane (All sugarcane products comply with Reef Regulations)</b>		
A41	Basic	phosphorus (Colwell & BSES), potassium (Nitric), pH (water), pH (CaCl <sub>2</sub> ), electrical conductivity, exchangeable cations*, organic carbon, colour, texture, silicon (BSES), silicon (CaCl <sub>2</sub> ), sulphur (MCP), phosphorus buffer index (PBI), ECSE
A42	Standard	A41 plus DTPA trace elements (copper, iron, manganese, zinc), zinc (HCl)
A43	Complete	A41 plus nitrate, chloride, pH (Buffer), DTPA trace elements (copper, iron, manganese, zinc), zinc (HCl)
<b>Soil Nitrogen</b>		
A51	Monitor N	nitrate, ammonium
A61	Basic N + (sulphur KCl)	nitrate, ammonium, sulphur (KCl)
A62	Standard N (sulphur KCl)	A61 plus chloride, colour, texture, boron, pH (water), pH (CaCl <sub>2</sub> ), electrical conductivity, moisture, ECSE
A71	Basic N + sulphur (MCP)	nitrate, ammonium, sulphur (MCP)
A72	Standard N + (sulphur MCP)	A71 plus chloride, colour, texture, boron, pH (water), pH (CaCl <sub>2</sub> ), electrical conductivity, moisture, ECSE
<b>Soil Structure</b>		
A81	Basic	pH (water), pH (CaCl <sub>2</sub> ), exchangeable cations*, electrical conductivity
A82	Standard	A81 plus colour, texture, slaking/dispersion, ECSE
<b>Plant</b>		
B1	Basic	nitrate, chloride, boron, calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, sulphur, total nitrogen, zinc
B2	Standard	P1 analytes plus cobalt**, molybdenum**, selenium**
<b>Water</b>		
C1	Complete	pH, electrical conductivity, carbonate, bicarbonate, nitrate, chloride, aluminium, boron, copper, fluoride, iron, magnesium, manganese, phosphorus, potassium, sodium, sulphur, zinc, calcium, calculations for sodium absorption ratio, total dissolved salts, water hardness, salinity and sodicity class, residual sodium carbonate, calcium carbonate saturation index

## Nutrient Advantage<sup>®</sup> Service Fees

Additional charges may apply when carried out by the Laboratory

- data entry \$4.00 GST excl. per sample
- reports \$5.00 GST excl. per sample
- recommendations \$40.00 GST excl. per sample



\* includes calcium, magnesium, potassium, sodium (aluminium included if the pH (CaCl<sub>2</sub>) is ≤ 5.4).

\*\* analyses are sub-contracted to National Measurement Institute.

If the test suites above do not meet your requirements please contact the laboratory for a custom quote.

**For more information regarding sample submission forms, sampling instructions and testing methodology please visit our website:**

**www.incitecpivot.com.au or contact 1800 803 453**

