

# Nutrient Advantage® Laboratory Product List



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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
A31	Basic + phosphorus (Olsen)	A12 plus phosphorus (Olsen)
A32	Standard + phosphorus (Olsen)	A13 plus phosphorus (Olsen)
A33	Complete + phosphorus (Olsen)	A14 plus phosphorus (Olsen)
<b>Soil Sugarcane</b>		
A41	Basic sugar	phosphorus (Colwell & BSES), potassium (Nitric), pH (water), pH (CaCl <sub>2</sub> ), electrical conductivity, exchangeable cations*, organic carbon, colour, texture, silicon (BSES)
A42	Standard sugar	A41 plus nitrate, sulphur (MCP) chloride
A43	Complete sugar	A41 plus nitrate, sulphur (MCP) chloride, phosphorus buffer index (PBI), pH (Buffer), DTPA trace elements (copper, iron, manganese, zinc), silicon (CaCl <sub>2</sub> ), 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 structure	exchangeable cations*, pH (water), pH (CaCl <sub>2</sub> ), electrical conductivity
A82	Standard structure	A81 plus colour, texture, slaking/dispersion, ECSE
<b>Plant</b>		
B1	Basic plant	nitrate, chloride, boron, calcium, copper, iron, magnesium, manganese, phosphorus, potassium, sodium, sulphur, total nitrogen, zinc
B2	Standard plant	B1 plus cobalt**, molybdenum**, selenium**
<b>Water</b>		
C1	Complete water	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

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

\*\* Analyses sub-contracted to National Measurement Institute.

If the test suites above do not meet your requirements, please contact the laboratory for a custom quote on 1800 803 453 (option 1).

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

[www.incitecpivot.com.au](http://www.incitecpivot.com.au)

**Nutrient Advantage Advice® Service Fees**

Service fees will apply in addition to laboratory fees for the following activities carried out by IPL staff:

- data entry GST excl. per sample
- reports GST excl. per sample
- recommendations GST excl. per sample

Any queries please contact NA helpdesk on 1800 803 453 (option 2).



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