Analysis Services for Agriculture

The following services are now supplied by Barmac to complement the fertiliser and crop protection range.

Agronomy Services Benefits:

- Identification of plant disease type and chemical solution.
- Identification of soil nematode type, numbers and solution.
- Improved crop health and yield.

Plant Disease Diagnosis (Code: OMTTDIST)

Use this service if you are unsure what disease is affecting a crop. Plant disease diagnosis helps to determine the primary pathogen presence, its level of severity and recommends a product and/or program to treat the disease and restore plant health.

Soil Nematode Identification (Code: OMTTHNEMC)

Use this service to determine what types of nematodes are present in the soil, their numbers and if they are at low, normal or high levels. Soil nematode identification can be useful if nematodes are suspected of causing crop damage. A product and/or program will be recommended if plant parasitic nematodes are present, to treat the problem and restore plant health.

Barmac (A Division of Amgrow Australia Pty Ltd)
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Barmac Agronomy Services

Analysis Services for Agriculture

The following services are now supplied by Barmac to complement the fertiliser and crop protection range.

Agronomy Services Benefits:

- Identifies deficiencies and/or excesses of nutrients within plants.
- Advice for a product or program to rectify soil and plant fertility issues.
- Identification of plant disease type and chemical solution.
- Identification of soil nematode type, numbers and solution.
- Indication of soil microbe health status.
- Improved crop health and yield.

Plant Disease Diagnosis (Code: OMTTDIST)
Use this service if you are unsure what disease is affecting a crop. Plant disease diagnosis helps to determine the primary pathogen presence, its level of severity and recommends a product and/or program to treat the disease and restore plant health.

Soil Nematode Identification (Code: OMTTHNEMC)
Use this service to determine what types of nematodes are present in the soil, their numbers and if they are at low, normal or high levels. Soil nematode identification can be useful if nematodes are suspected of causing crop damage. A product and/or program will be recommended if plant parasitic nematodes are present, to treat the problem and restore plant health.

Plant Sap Analysis (Code: NU7)
Use this service to determine the nutritional status of plants at the current moment. Plant sap analysis provides results of 15 nutrients that are present in the petiole including Nitrate N, Ammonium N, P, K, S, Ca, Mg, Na, Cl, Zn, Cu, B, Mn, Fe and Brix. Purpose is to provide an indication of the nutritional status of plants at the current moment and fine tune fertiliser programs. This test is different to the leaf tissue test and results can be quite different.

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Plant Tissue Analysis (Code: PR73)
Use this service to determine the general nutritional status of plants. Plant tissue test provides an analysis of 15 nutrients that are present in the youngest fully mature leaves of plants. Nutrients include Nitrate N, Ammonium N, P, K, S, Ca, Mg, Na, Cl, Al, Zn, Cu, B, Mn and Fe. This test is more common than the sap test, depending on the crop, and is also known as the dry tissue test. Purpose is to provide an indication of the general nutritional status of plants over a period of time (last few months) and identify any deficiencies and to develop appropriate fertiliser programs.

Complete Soil Analysis (Code: ES22)
Use this service to determine the nutrient fertility of soil. Complete soil test provides analysis of various soil properties and 13 nutrients including Nitrate N, Ammonium N, Total N, P, K, S, Ca, Mg, Na, Cl, Zn, Cu, B, Mn, Fe, pH, Electrical Conductivity and Carbon. Purpose is to provide an indication of the general nutritional status of soil and identify any issues and to develop appropriate fertiliser and soil amendment programs.

Soil Microbe Health (Code: MWSE)
Use this service to determine the microbial biomass health rating of soil. This test provides results of 10 key groups of soil microbes and their health/population status. Purpose is to provide an indication of the general health of the soil microbial biomass and to determine if there are any issues that may be of concern and recommend appropriate products/amendments if required.

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