

AGRI SERVICES

PRECISION FARMING

Intertek is a leading Total Quality Assurance provider to industries worldwide. Precision Farming is an Assurance service offering expertise which can increase outputs, such as yield per hectare, while reducing costly input.

AGRICULTURE PRECISION FARMING

Providing support for agricultural solutions

Precision Agriculture is the solution in realizing sustainable farming practices, boosting agricultural yields and reducing crop inputs. It is an essential tool in developing responsible land use and addressing future food security.



The Challenge

Natural resources worldwide are increasingly scarce for a rising world population. Depletion and degradation of land pose serious challenges to producing enough food and agricultural products to sustain livelihoods. Strong population growth is forecasted in Sub Saharan Africa in particular, where 43.7% of land is put to agricultural use.

- World population and relating demand for food are increasing.
- Increasing scarcity of suitable food production space
- Certain production techniques cause burden on environment.
- Optimum production becomes a necessity.

Our Solution

We go beyond testing, inspection, and certification; we are a Total Quality Assurance provider. Working in partnership with Intertek provides you with bespoke solutions to your needs. Precision Farming accurately targets crop requirements and furnishes precise recommendations to increase agricultural yields.

By observing, analyzing and responding to soil characteristics, one can concretely optimize land resources and accurately apply the right amount of inputs at the right place and at the right time. This comes at the benefit of crop yields and, also creates a sustainable environment for future crop cycles.

Our Precision Agriculture Service Offering

Intertek's global footprint and local expertise enables us to offer all services in terms of Precision Agriculture including:

Core Services

- Soil analysis to assess soil fertility.
- Water analysis to assess irrigation needs of goods in storage facilities and at production sites.
- Plant analysis to assess nutrients status.

On the basis of the above information an ideal measured mix of water and nutrients for optimal plant production is determined, targeting highest possible yields.

Plant Sap Analysis

Intertek offers services that help determine nutritional contents of plants such as mineral levels and deficiencies in partnership with PlantSap™. This partnership aims to provide crop specialists with comprehensive data which can be used to make well informed decisions. PlantSap™ uses a nutritional-gradient method to generate precise information which provides real-time insights into the health and nutritional status of the plant.

Benefits

Farmer cooperatives, support organizations, corporations and governments can all benefit from the advantages offered by Precision Agriculture. The use of Precision Agriculture technology applies the right amount of fertilizers and water on the basis of recommendation maps.

Improved farming practices result in better risk management, higher crop yields and better sustainability of agricultural production. The use of real-time data on weather and soil, water and air quality, crop maturity, equipment and labor cost allows for smart planting and harvesting decisions.



FOR MORE INFORMATION



+27 10 500 9908



reception.baps@intertek.com.



intertek.com