

AMIS AGRONOMY

Overview

AMIS-Agronomy is fully integrated with **AMIS-Tobacco**, a web-based Agriculture Management Information System which supports and monitors tobacco crop cycle activities from beginning to end. The **AMIS-Agronomy** component provides agronomists with much needed tools for recording field data collected from visits to, observations of and interviews with farmers registered in **AMIS-Tobacco**.

As international regulations grow stricter, tobacco product manufacturers demand more detailed information from their suppliers, the buyers and processors of tobacco. Buyers need to transparently demonstrate that their processed product is traceable and compliant by providing detailed information not only on the tobacco, but also on the farmers who grow the tobacco. From the data captured by agronomists, **AMIS-Agronomy** generates reports required to demonstrate compliance with Good Agriculture Practices, Social Responsibility Programmes and international regulations.



The screenshot shows the AMIS Agronomy web application interface. At the top, there is a navigation menu with options like HOME, REPORTS, DATA ENTRY, AGRONOMIST, COMMUNICATION CENTER, ADMINISTRATION, and MY ACCOUNT. The user is logged in as 'user0000 (log Out)'. The main content area is titled 'SCOUTING FORM' and includes a sidebar with navigation options such as 'Agronomist Staff Registration', 'Farmer Grouping', 'Harvesting/Planting', 'Risk Mitigation', 'Scouting', 'GAP/SRP Compliance Monitoring', 'Child Labour Monitoring', and 'Child Labour Survey'. The main form contains fields for 'Date', 'Region', 'Village', 'Leaf Technician', and 'Leaf Technician ID'. Below these fields is a table with columns for 'Yield' and 'Diseases', and a 'Status' column. The table contains several rows of data, including columns for 'Location', 'Date', 'Area', 'Cultivar', 'Yield', 'Diseases', and 'Status'.

Benefits of AMIS-Agronomy

- Transparency, traceability and compliance gives manufacturers confidence to buy
- Verifiable compliance with GAP and SRP requirements raises product value, increasing sales
- Collection of actual field sizes allows more accurate estimates of yields and profits
- Better practices, product and yield through better farmer management
- Monitor and optimise Leaf Technician and Agronomist performance

Functions of AMIS-Agronomy

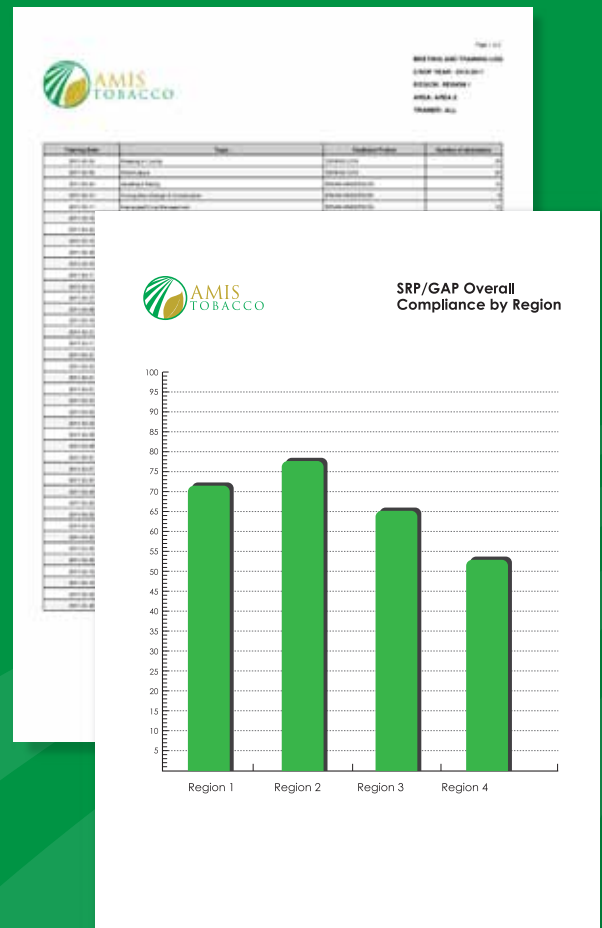
AMIS-Agronomy assists agronomists and agronomy departments in their duties, including:

- Recording Leaf Technician and Agronomy Staff information and qualifications
- Social Responsibility Programmes (SRP), including Child Labour and School Enrolment monitoring
- Good Agriculture Practices (GAP) assessment and training
- Field visitations
- Scouting for pests, diseases and damage

AMIS-Agronomy can be customised to meet the unique agronomy and social responsibility needs of any buyer.



The screenshot shows a web application interface for 'Child Labour Monitoring Form'. It includes a navigation menu at the top with options like HOME, REPORTS, DATA ENTRY, LOGIN/LOGOUT, COMMUNICATION CENTRE, ADMINISTRATION, and MY ACCOUNT. The main content area has a 'Date' field and a 'Leaf Technician ID' field. Below these are several input fields for 'Farmer ID', 'Region', 'Village', 'Leaf Technician', and 'Leaf Technician ID'. There are also dropdown menus for 'Date' and 'Day of Week'. A table titled 'Children' is visible, with columns for 'Age(yrs)', 'Sex', 'Relationships', 'Enrolled', 'School', 'Domestic Activities', 'Economic Activities', and 'Action'. The table has sub-headers for 'Activities' and 'Average' under both 'Domestic' and 'Economic' categories.



Comprehensive Suite of Reports

AMIS-Agronomy provides a comprehensive suite of reports. These reflect the various jobs performed by qualified leaf technicians and agronomists when visiting farmers.

- Agronomy Staff and Leaf Technician records
- Registered Farmers
- Meetings and Trainings conducted
- Field Visitation reports
- Child Labour surveys, including School Enrolment
- GAP/SRP Compliance Reports
- Pest/Disease Scouting Records and Analysis Reports.

Information Technology platform

Hosting and internet connectivity

Hosting and internet connectivity - Under 24/7 management, AMIS-Tobacco and AMIS-Agronomy are collocated in an Equinix (www.equinix.com) world-class International Business Exchange (IBX®) data centre. Business internet connectivity services are provided by Internap (www.internap.com).

Fully Scalable: The system is dynamically scalable to provide for increases in the number of users, data volumes and system processing requirements.

Uses industry-standard "LAMP" stack - The software has been developed using world-class open-source industry-standard IT products and tools.