The **OMP** Software Suite

The Solution for Precision Oil Palm Plantation Management

Maximize the efficiency
of your oil palm plantation!

What is **OMP**?

OMP (Oil Palm Management Program) is an integrated database solution for the storage and analysis of site-specific agronomy and field data. It covers the whole life cycle of the plants and all core aspects of oil palm plantation management and agronomy.

OMP helps you to

Optimize

Processes
Production
Productivity
Efficiency
Agrochemical inputs
Labour usage

Simplify

Field management
Production budgeting
Decision making
Monitoring
Quality control
Reporting

Improve

Sustainability
BMP adherence
Documentation
Accountability
Traceability
RSPO / ISO compliance

In a modern oil palm plantation managers and agronomists need access to reliable agronomy and field data to optimize inputs and maximize the efficiency of the plantation. By combining storage of a wide range of data covering all aspects of the plantation with powerful analysis and filtering tools, the OMP Software Suite provides you with the tools required to take the performance of your oil palm plantation to the next level.

The program is designed to be easy to learn, use and maintain. The centralized data source allows you to obtain relevant information quicker than ever before, giving you the opportunity to focus on your actual work instead of wasting time collecting data from a variety of spreadsheets, field books and other sources.
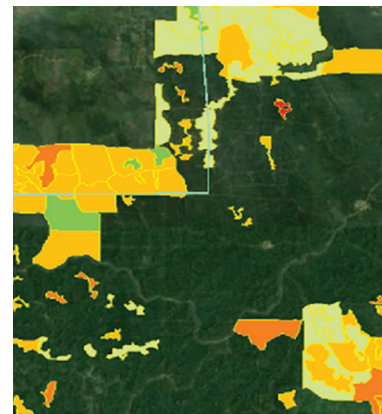Beyond just streamlining your data storage process, OMP allows you to get more out of your raw data by turning it into useful and easily applicable information. This is guaranteed by a huge set of pre-defined print reports, on-screen analysis forms, charts and maps combined with potent filtering and comparison capabilities. Detailed data analysis with OMP will prove invaluable in increasing the performance and profitability of your plantation.

How does **OMP** stand out from other plantation software?

The basic task of a plantation management and agronomy database software is to store the data and provide reports on production or agronomy parameters at various aggregation levels. While most plantation software stops here, OMP gives you the tools to go a step further and uncover what is affecting your plantation's performance.
With historic OMP data you can prepare better fertilizer recommendations and crop budgets than ever before. Custom reports allow you to monitor your fertilizer application and harvesting progress and ensure everything remains on schedule.
All OMP data can easily be exported for use in other programs such as accounting or inventory software or for further scientific analysis.
Most importantly, our close cooperation with our customers and leading oil palm agronomists since more than 15 years gives us the know-how to design software that really matches the actual conditions in the field.

Information management

The main challenge of an agronomic information system is to turn raw data collected in the field into useful information. Core requirements are

- Availability: users must know where to get data and how to read it
- Reliability: data must be verified and reviewed
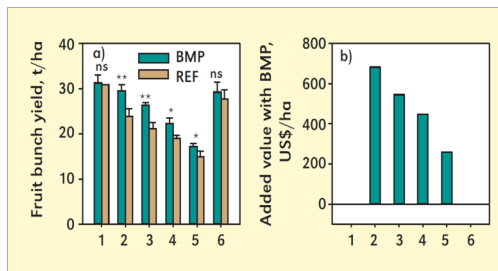- Usability: the system must provide tools for analysis, comparisons and filtering

To satisfy these demands a centralized database with powerful and easy to use data analysis tools is unavoidable. The OMP software is tailor-made to fulfil precisely these requirements.

OMP covers:

Production quantities and indicators
Harvesting process and labour use
Leaf and soil analysis
Vegetative growth measurements
Field upkeep and maintenance surveys
Fertilizer and pesticide recommendations
Fertilizer and pesticide application
Climate and rainfall data
Pest and disease outbreaks
Smallholder information
Crop budgets and production forecasts
Seed production data
Nursery management
Tissue culture data
and much more …

Return on investment

The fact that implementing best management practices (BMPs) in oil palm plantations can lead to significantly higher yields and profits has been proven

in numerous experiments. For example, the BMP project whose results are depicted in the graphic on the right shows increased profits of several hundred dollars per hectare per year across four of six sites in Indonesia. OMP provides your estate with the tools required to implement BMPs on a large, commercially relevant scale.

Donough et.al. Better Crops/Vol. 93 2009, No. 1

With analysis tools that allow you to optimize fertilizer, pesticide and labour input for each individual block, OMP allows you to get the best out of your plantation and promises a fast and high return on investment.

Technical facts

OMP can be installed on your plantation within one or two weeks, depending on the specific situation of the estate. We normally recommend carrying out an installation visit to support the initial setup and to provide training to help users get up to speed with OMP.

Our customers

With customers in South East Asia, the South Pacific, Latin America and Africa, OMP is currently being used in every oil palm growing area of the world.

Customer list (excerpt):

Agroamerica, Bakrie Sumatra Plantations, Cargill CTP Holdings, Felda Agricultural Services, Hargy Oil Palm Ltd (SIPEF), Incasi Raya Group, Kulim Berhad, New Britain Palm Oil Ltd, Norpalm Ltd, PT Bumitama Gunajaya Agro, Sinar Mas Group, Union Sampoerna Group, Volta Red Ltd, …

Our customers say:

"Implementing and super-vising BMP standards in a large number of blocks on commercial level would be impossible without OMP!"

"The historic information on all our impacts that is stored in the OMP database is an essential component for our ISO 9000 and 140000 certification programs."

"The fact that all our managers share the same integrated database had a big impact on taking evidence-based decisions in the field."

"OMP is a very powerful and cost efficient solution for site-specific agronomy information management!"

"OMP provides the means to maintain comprehensive field records that can be analyzed and sorted to pinpoint problem areas and identify trends over time."

"Creating effective fertilizer recommendations for a plantation the size of ours without the OMP data store would be a nightmare!"

Contact us

For further information on our products and services please visit our website or contact us under

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