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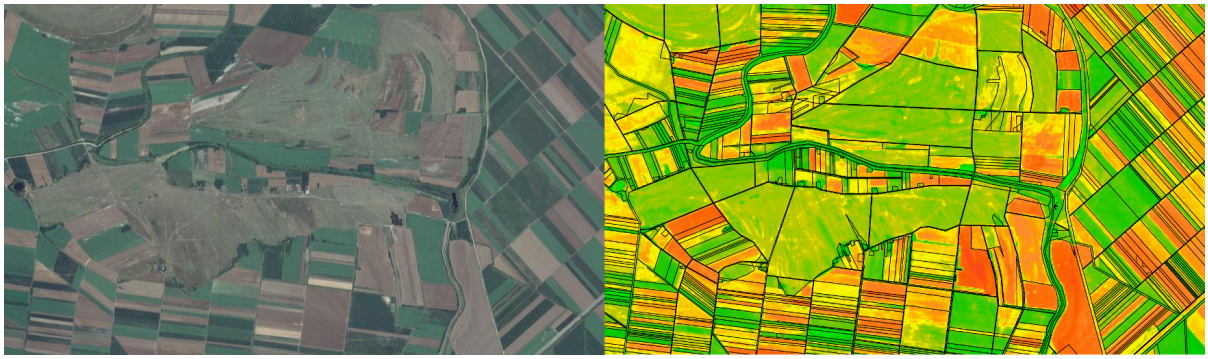
Farmsat Mapping Application



Title	Farmsat Mapping Application
Title (native language)	Farmsat Mapping Application
Category	• Recording or mapping technology • Reacting or variable rate technology • Controlled traffic technology • Farm Management Information System
Short summary for practitioners (Practice abstract) in English)	Farmsat™ Mapping Application is an easy-to-use, customizable precision agriculture tool based on historical data and in-season satellite imagery. You can use its powerful, intuitive interface to assess field's variability and quickly create variable-rate application maps. With Farmsat™ Mapping Application, agronomists can make unbiased, actionable recommendations, your sales force can better understand your clients' needs, and farmers can maximize their profit potential.
Short summary for practitioners	Farmsat™ Mapping Application is an easy-to-use, customizable precision agriculture tool based on historical data and in-season satellite imagery. You can use its powerful, intuitive interface to assess field's variability and quickly create variable-rate application maps. With Farmsat™ Mapping Application, agronomists can make unbiased, actionable recommendations, your sales force can better understand your clients' needs, and farmers can maximize their profit potential.
Website	www.geosys.com/products/farmsat/
Audiovisual material	
Links to other websites	
Additional comments	
Keywords	Agricultural production systems | Farming practice | Farming equipment and machinery | Fertilisation and nutrients management | Soil management / functionality
Additional keywords	Decision making tool, Precision ag Tool
Geographical location (NUTS)	EU
Other geographical location	North America, Australia
Cropping systems	
Field operations	Fertilization | Pesticide application
SFT users	Farmer | Contractor | Supplier | Buyer
Education level of users	All
Farm size (ha)	50-100 | 100-200 | 200-500 | >500

Company info

Company name	GEOSYS
Address	, ,
Website	www.geosys.com
Patent status	In-force patent

Effects of this SFT

Productivity (crop yield per ha)	Large increase
Quality of product	Large increase
Revenue profit farm income	Large increase
Soil biodiversity	No effect
Biodiversity (other than soil)	No effect
Input costs	Large increase
Variable costs	No effect
Post-harvest crop wastage	No effect
Energy use	No effect
CH4 (methane) emission	No effect
CO2 (carbon dioxide) emission	No effect
N2O (nitrous oxide) emission	No effect
NH3 (ammonia) emission	No effect
NO3 (nitrate) leaching	No effect
Fertilizer use	Large increase
Pesticide use	Large increase
Irrigation water use	No effect
Labor time	No effect
Stress or fatigue for farmer	No effect
Amount of heavy physical labour	No effect
Number and/or severity of personal injury accidents	No effect
Number and/or severity of accidents resulting in spills property damage incorrect application of fertiliser/pesticides etc.	No effect
Pesticide residue on product	No effect
Weed pressure	No effect
Pest pressure (insects etc.)	No effect
Disease pressure (bacterial fungal viral etc.)	No effect

Information related to how easy it is to start using the SFT

This SFT replaces a tool or technology that is currently used. The SFT is better than the current tool	agree
The SFT can be used without making major changes to the existing system	agree
The SFT does not require significant learning before the farmer can use it	agree
The SFT can be used in other useful ways than intended by the inventor	disagree
The SFT has effects that can be directly observed by the farmer	strongly disagree
Using the SFT requires a large time investment by farmer	strongly disagree
The SFT produces information that can be interpreted directly	agree

View this technology on the Smart-AKIS platform

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