

AGRICULTURAL RESEARCHING TERRAIN SAMPLING AND LABORATORY ANALYSIS

pH nKCl

% CaCO_3

pH voda

humus



Ways of agricultural research are as follows:

- P_2O_5
- pedology exploration
 - scientific farming methods
 - microbiology research
 - land-reclamation

K_2O

IMPLEMENTATION OF RESEARCH

- Agronomy acreage, areas
- steers, vineyards
- greenhouses
- hothouses, indoor garden
- ranch, etc.



ukupan N

P_2O_5

Our recommendation:

K_2O

- recommendation for fertilization for special culture
- recommendation for planting steers, vineyards
- recommendation for using irrigate
- analysis of contamination by heavy metal at terrain

% CaCO_3

pH nKCl

PEOLOGY EXPLORATION

- Terzin sampling and researching
- Laboratory identification of terzin constitutive property
- Judgment of terzin solvency
- Mapping preview of all sort of terzin



SCIENTIFIC FARMING METHODS



Basic analysis

- GROUND ACIDITY pH (WATER) i pH (nKCl)
- CONTAINING CaCO_3 IN GROUND (CALCIMETRIC)
- CONTAINING HUMUS IN GROUND
- CONTAINING TOTAL NITROGEN (N) IN GROUND
- CONTAINING PHOSPHORUS (P_2O_5) IN GROUND
- CONTAINING ALKALI METALS (K_2O) IN GROUND

Laboratory analysis

- Mineral fertilizer configuration
- Terzin microelements content
- Terzin mineral nitrogen content ($\text{NH}_4\text{-N}$ i $\text{NO}_3\text{-N}$)

MICROBIOLOGY RESEARCH

- microstructures species
- metering microstructures
- genetics determinations of certain (fumigants, bacterias)



LAND RECLAMATION RESEARCHING

- Specify ~~tain~~ characteristics (hidrog oxide and physical) and determine need for irrigation ~~aind~~ the soil.
- ~~Termin~~ solvency for:
 - crop farming, agronomy, macreage
 - steers, vineyards
- Amelioration of ~~rair~~ constitutive property



- Control of water ~~qua~~ ~~for~~ irrigation
- We recommend the ~~types~~ of irrigation ~~od~~ (furrow), ~~ver~~head (sprinkler), ~~late~~ ~~air~~ move (side roll, wheel line), drip, or trickle irrigation, ~~o~~
- Our experts recommend watering ~~the~~ system drop ~~by~~ drop as well as system fertirigation.
- Our recommend is fertirigation ~~with~~ fullness of nutritive dissol
- We recommend rotation of crops in ~~diferent~~ of irrigation.
- We recommend how to prepare your irrigation ~~stems~~ for winter and re-start it in the spring. Without ~~propen~~ ~~prepar~~ irrigation ~~stems~~ can be badly damaged ~~if~~ freezing temperatures
- Our experts recommend the most water ~~efficient~~ method of irrigation ~~f~~ greenhouses, hothouses, indoor gardens..

arhifarm is in cooperation with:

- Prospecting institute, Belgrade
- Crop protection institute, Belgrade
- Technology of nuclear and other fertilizers, Belgrade
- Truck farming and crop farming institute, Novi Sad
- Agronomical faculty, Belgrade-Zemun
- Prospecting medicinal plants, Belgrade

Equipment of arhifarm :

- cross-country vehicle
- sampling scoops
- Land test laboratory

arhifarm's personnel

- Pedologists
- Agro-chemistry
- Agronomists
- Builder engineer
- Operating unit



arhifarm d.o.o.

10, Ilija Stojadinovic Street, Belgrade
+38111/2318857, 2318874, 2318916
fax: +38111/2316178

Web : www.arhifarm.com

E-mail arhifarm@arhifarm.com

