

EL FELAHA

(Farming — Cairo)

Vol. 37 No. 3

May-June, 1957

Synopsis of Main Articles

NEW TRENDS IN PRODUCTION OF EGYPTIAN COTTON

by Dr. Abdel Razak Sidky, Minister of Agriculture

Efficient steps were taken to stard against the deterioration of Ashmouni cotton, by the eradication of plants off the type in the field, & by taking measures that ensure the purity of sowing seed. One of the conspicuous results was the general rise of ginning out - turn. Similar procedure will be followed in other cotton varieties.

The raising of sowing seed in nucleus & nucluli plots will be carried out on a bigger scale to ensure the purity of varieties. The poopagation plots that produce the seed sown by the farmer will be enlarged & given greaterattention to ensure the general renewal of sowing seed every five years.

Scientific work related to the creation of improved cotton varieties continue with particular attention given to the strength of the fibre & the resistance of the plant to pests.

Executive measures to raise the general yield are reviewed.

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AGRICULTURE & SUPPLIES

by : Dr. Kamal Ramzi Steno, Minister of Supplies

The function of the Ministry of Supplies is to ensure fare terms to producers, merchants & consumers. Examples are given supporting this statement. Production & consumption needs of the main supplies, & measures to evade shortages, are discussed in certain detail.

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Oils in Pest Control

By Dr. M. H. Hassanein

Faculty of Agriculture

The toxic Properties of Petroleum oils used as insecticides for the control of different Pests and their Specifications are recorded .

The data supplied are the viscosity , volatility , distillation point , acidity , iodine value and sulphonation test .

The classification of oils and development of petroleum insecticides are reviewed .

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PROGRAM FOR FUTURE STUDIES IN THE SOIL SALINITY LABORATORY

A lecture delivered in the Agricultural Club on 21/1/1957
by : Dr. Malek Qaddah

The lecture outlines the theoretical basis and significance of the soil profile, tolerance of plants for the various salts and soil water relations both in the field and the laboratory with regard to research work on salinity.

The following future studies were reviewed :

- 1— The physical and chemical characteristics of saline and alkali soils with special emphasis on the evolution of salinity and alkalinity.
- 2— The movement of subsoil water and its effect on the plant and characteristics of the soil.
- 3— Suitability of water for irrigation.
- 4— Tolerance of field, vegetable and fruit crops for salinity.
- 5— Agricultural irrigation aspects that affect the salinity level in the soil.
- 6— Drainage problems.
- 7— Reclamation of saline and alkali soils.