

Potato yield increasing proposition

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This proposition has provided to increase food security coefficient, prepare needed products without annual production fluctuations and also in order to earn foreign exchange by exporting.

Nowadays, essential products for providing starch and energetic materials are wheat, rice, corn, and because of having some characteristics such as high possibility to increase yield, relative advantage in securing dry matter and protein in area unit, high water consumption efficiency and limitation of wheat, rice and corn, potato is the only product that can produce insuring food for future. this proposition has provided to increase potato production from 3 million tons to 6 million tons during 5 years. This increment can be achieved with %28 increasing in cultivated area and %50 increasing in yield. The main titles of this proposition are:

- Solving merchant problems specially increasing exporting in order to earn foreign exchange.
- Increasing per capita consumption in order to reduce the stress on the other food resources

that will execut since 1997 in a 5-years program.

In this proposition following problems are emphasized:

- Providing virus free seed (354000 ton/years)

Developing the mechanization

- Attention to plant nutrition and suitable usage of macro and micro elements.

Attention to pests, diseases and weeds' control.

Attention to keeping operations and plantation date of cultivars.