

PROJECT STATUS REPORT

REPORT NUMBER: ZB1-2050-5

REPORTING PERIOD: July 1, 2001 to October 1, 2001

1. PROJECT INFORMATION

- Field experiments with winter wheat were finished at all project sites in July 2001. Results from these experiments were analyzed during a visit by the Uzbekistan PI to the United States in early September. Plans were detailed to carry out research on irrigation (SMNP) and fertilization (¹⁵N) of winter wheat for 2001-2002 at the Central Experiment Station in Tashkent and four outlying Branch Stations, which comprise the major soils and climatic conditions of Uzbekistan. Experiments with sugar beet are ending in Tashkent, Fergana and Khorezm.
- Newly received Soil Moisture Neutron Probes (SMNP) were calibrated in Tashkent and Kashkadarya. Re-calibrations of SMNP were done at the Khorezm and Fergana Branch Stations in July-August in the winter wheat fields used for data collection.
- The Uzbekistan Principal Investigator had a visit to USA (Conservation & Production Research Laboratory, USDA-ARS, Bushland, TX) during 01 September–16 September 2001. USA Co-PI and Uzbekistan Co-PI accomplished the following: data processing, survey of results and summary of experimental results on the project (calibration and date to date results of winter wheat and sugar beet). Lessons learned and improvements to be made include:
 - The SMNP is to be re-calibrated only for the 10-cm soil depth in Tashkent and Syrdarya in October 2001. Soil moisture data on the layer should thereafter be included in related tables and graphics.
 - To make possible statistical analysis of the data, there should be installed at least three access tubes in each plot of the field experiments in 2001-2002 for measurements of soil moisture by SMNP.

2. PROJECT FINANCIAL INFORMATION (FSU Participants Only)

- PAID PARTICIPANTS:

Nazirbay Ibragimov	\$1,100.00
Bakhtiyor Kamilov	\$ 900.00
Yusupbek Esanbekov	\$ 700.00
- EQUIPMENT, SUPPLIES AND SERVICES PURCHASED:
None
- PROJECT-RELATED TRAVEL:
 - In accordance with General Conditions and budget of the Award ZB1-2050 Dr. Nazirbay Ibragimov (Principal Investigator, Uzbekistan Team) had a visit to the USA from Uzbekistan (September 01-16, 2001)

- FSU team members traveled to project sites for calibration and re-calibration of the SMNP with cost paid from institutional overhead.

- INSTITUTIONAL SUPPORT PAYMENTS RECEIVED:

Fourth quarter payment was received: \$833.00

- SUBCONTRACT ACTIVITIES PAID WITH CRDF FUNDS:
None

- DESCRIBE ANY SOURCES OF SUPPORT OTHER THAN CRDF:
Small equipment (lab. balance, 3 m cable and cable stops for SMNP, mill, sieve, hot plate and others) was provided by the International Atomic Energy Agency (Vienna, Austria) at a cost of 9,104.59 EURO.

Dr.Nazirbay Ibragimov
Uzbekistan-Co-PI

Dr.Steven Roy Evett
USA-Co-PI

October 02, 2001