

§NE523.03 Assistance on irrigation projects.

The SCS in Nebraska will assist farmers in the planning, designing, and evaluating of irrigation systems.

Upon proper request the SCS will:

(a) Plan an efficient irrigation system including:

- (1) Inventorying the soils to determine suitability and limitations.
- (2) Do necessary surveying for water source and location.
- (3) Preliminary design of the irrigation system.
- (4) Determine the need for rainfall runoff erosion control features.

(b) Design the irrigation system:

(1) After the well or other water source has been located design of the on-farm distribution and application system, including tailwater water recovery where appropriate.

(2) Give assistance in determining motor or engine size.

(c) Evaluate the system:

(1) Evaluate gravity and sprinkler irrigation systems for adequacy and efficiency of water application.

(2) Pumping plant efficiency testing will be done only in conjunction with the system evaluations where the farmer requests it and where other sources are not readily available to perform the tests. The testing will be done in the water conservation targeted areas and will be expanded to other areas in the state as equipment and personnel become available.

Where adjustments or repairs are needed, the SCS personnel will advise the farmer to get a qualified person or firm to make them.

OTHER RESOURCES:

Full utilization will be made of services available from Extension Service, Natural Resources Districts, ground water control districts, power companies, contractors, consultants, and others. These groups and individuals will also be encouraged to expand their present services.