

BLACKHAWK COUNTY AGRICULTURAL RESOURCES CONSERVATION COMMITTEE

GUIDE TO THE COUNTY LAND USE PROGRAM

OBJECTIVE: "EACH ACRE OF AGRICULTURAL LAND SHALL BE USED WITHIN ITS CAPABILITIES AND THE TREATMENT OF EACH ACRE OF LAND IN ACCORDANCE WITH ITS NEEDS FOR PROTECTION AND IMPROVEMENT".

- (1)The soil and Water Conservation Programs of all Agricultural Agencies and organizations in the County will be coordinated in this objective through the Blackhawk County Resources Conservation Committee.
- (2)Through demonstrations, tours, exhibits, interest meetings and all publicity channels, acquaint all landowners, tenants and urbanites with the benefits of a Good Land Use Program, based on the capabilities and needs of each acre of land; the work program of each agricultural agency and organization in the County; and the services available to accomplish the County Land Use Program.
- (3)Encourage all landowners and tenants to become cooperators with the Soil Conservation District and develop a complete soil and water Conservation Plan for their farm.
- (4)In order to be ~~one~~ of the most service to Agriculture and to further implement the reaching of the objective, facilities should be obtained that will allow the housing of all agricultural agencies. and organizations in the County at one location.

NEEDS	PLAN OF OPERATION	RESPONSIBILITIES
A-Adequate Rotation 1.Soil Analysis to determine needs of plant food material a.securing adequate supplies of necessary plant food material 2.Securing high quality seeds of adapted varieties.	A-Adequate Rotation 1.Provide facilities for determining plant food needs thru adequate soil analysis followed by recommendation to farmers. a.Survey of needs <u>and</u> supplies of materials 2.Conduct demonstrations which will show the comparison of varieties and strains of farm crops. Make known information obtained from these tests, Local State, and National tests. Disseminate this information widely, giving recommendations as to the most desirable varieties, and strains, and assist farmers in securing them.	A-Adequate Rotation 1.Extension service to provide materials, information and interpretation of soil analysis. a.Survey of plant food needs to be taken by PMA 2.Comparison of varieties and strains by Extension in cooperation with Vog. Ag. Dissemination of this information by all agencies.

3. Proper cultural practices in securing satisfactory stands and yields

4. Best Harvesting Methods

5. Land Classification

B-Supporting Practices Establishment
1. Mechanical or Permanent

(a) Standard and level type terraces

(b) Contouring intertilled Crops

(c) Establishing Contour Strip Cropping

(d) Establishing sod waterways and terrace outlets

(e) Construction of open farm drainage ditches

(f) Tile drainage

(g) Diversion terrace

3. Thru demonstrations and other publicity channels make available to farmers latest ideas as to the most satisfactory cultural practices in securing adequate stands.

4. Thru demonstrations and other public channels make available to farmers latest ideas as to the most satisfactory harvesting methods.

5. Make available as rapidly as possible, a complete land classification and capability inventory of each farm.

B-Supporting Practices Establishment
1. Mechanical or Permanent

Thru demonstrations, tours, and on-site layout to show necessity for and assist farmers in establishing terracing, contouring, strip cropping, tile drainage, surface drainage, waterways, and dams in order to prevent the excessive loss of their soil and water resources.

3. Comparison of cultural practices by Extension in cooperation with Vog. Ag. Dissemination of this information by all agencies.

4. Cooperation of all agencies thru Resources Conservation Committee action, in disseminating information on harvesting methods.

5. Soil Conservation Service to make land classification and capability maps of all farms as rapidly as possible.

B-Supporting Practices Establishment

1. Mechanical or Permanent

(a) Soil Conservation Service and Soil Conservation District assisted by all other agencies thru Resources Conservation Committee.

PMA in AC Program

Determine

- (1) the need for assistance under the ACP Program.
- (2) The amount of assistance to be given
- (3) Those practices for which assistance shall be given.
- (4) The form (materials and services or cash payments)
- (5) Eligibility for and certification of payments.

Furnish SCS with program assistants as needed and available. Furnish SCS with list of Participants in program on permanent Soil and Water Conserving Practices. Encourage ACP participants and Committeemen to become Soil Conservation District Cooperators

(h) Dams and reservoirs for livestock water

(i) Dams for erosion control

2. Vegetative Type Practices
(a) Grass headlands

C-Farm Economics

1. Land tenure and leasing

2. Adequate Crop Storage

3. Financing of the farm enterprise

2. Vegetative Type Practices

Thru demonstrations, tours and on-site layout to show necessity for and assist farmers in establishing headlands, buffer strips, wildlife areas and improve pastures ~~in order~~.

C-Farm Economics

1. Secure accurate information in regard to land tenure and leasing practices and thru all information sources make these facts known. Emphasis on arrangements and practices giving most satisfactory results.

2. In order to satisfactory store harvested crops, thru demonstration and publicity, provide information as to how storage plan may be obtained and store facilities financed.

3. Assist farmers in securing financing of their needs

SCS

Regarding ACP-provide technical assistance for the establishment and certification of the permanent or mechanical type practices.

(1) A determination that the permanent type soil conservation work contemplated is needed and practical on the respective farms.

(2) Necessary site selection and other preliminary work and the lay-out work for practices.

(3) Necessary supervision of the installation

(4) Certification of acceptable performance.

Train ACP personnell, placed under its supervision in applying technically sound soil Conservation practices.

2. Vegetative Type Practices

Soil Conservation Service and Soil Conservation District assisted by all other agencies thru Resources Conservation Committee.

C-Farm Economics

1. Information on land tenure and leases to be gathered by PMA, Extension to hold meetings on leases and land tenure.

2. Storage of crops-PMA, FHA; financing storage-PMA, PCA, FHA; construction of storage facilities-PMA, EXT.

3. Financing needs-NFL, PCA, FHA, all other agencies to assist.

4. Farm Equipment

5. Farm Labor

D-Leaders

1. A corps of well trained leaders is essential in the carrying out of a good land use program.

4. Conduct surveys to determine the needs and availability of various kinds of farm equipment and repairs. Thru information outlets give information on the adjustment and maintenance of farm equipment.

5. Assist in making available information as to the supply of labor and thru demonstrations and tours, assist farmers in adopting labor saving practices.

D-Leaders

1. Conduct leaders training schools to provide all leaders in the County with the latest information on correct land use.

4. Survey of equipment needs by Mobilization Committee

5. Labor Resources Conservation Committee-Labor saving-Extension Service

D-Leaders

1. Resources Conservation Committee continuing the leader training program.