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## First Year, Discussion Questions for the leader-- Soil and Erosion : Extension Circular 18-03-2

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E.C. 18-03-2  
1950

Nebraska  
COOPERATIVE EXTENSION WORK  
IN AGRICULTURE AND HOME ECONOMICS  
U. of N. Agr. College & U. S. Dept. of Agr. Cooperating  
W. V. Lambert, Director, Lincoln

Circular  
18-03-2

First Year

DISCUSSION QUESTIONS  
For the Leader

SOIL AND EROSION

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1. What three things must we have in order to live?
2. What is organic matter?
3. What is humus?
4. Name four divisions of the soil profile.
5. Here is a suggested club problem for your first meeting: Use a post hole auger and find the depth of the top soil on a farm. Record the depth at the different locations in the spaces below. Have club discuss this.
  - A. Sloping Farm Ground \_\_\_\_\_
  - B. Sloping Pasture \_\_\_\_\_
  - C. Level Farm Ground \_\_\_\_\_
  - D. Sloping Farm Ground \_\_\_\_\_
6. Describe soil erosion on your home farm. If there is no erosion explain what is preventing it.

PROBLEM I — HOW GRASSES CONSERVE SOIL AND MOISTURE

1. What are perennial grasses?
2. What is "run off"?
3. What is evaporation?
4. Describe "puddling"?

PROBLEM II — ESTABLISHMENT OF A GRASSED WATERWAY

1. What is a grassed waterway?
2. Name one place where a grassed waterway is used.
3. Would you use a bunch grass or a sod forming grass in a waterway? Why?

PROBLEM III — MAINTENANCE OF GRASSED WATERWAYS

1. What happens if grassed waterways are trampled in wet weather?
2. What is the value of water cut-outs in a grassed waterway?
3. Why should repairs be made immediately in grassed waterways?

PROBLEM IV — PASTURE RESEEDING AND RENOVATION

1. In which major grazing area does your farm belong?
2. What are the native grasses in this area?
3. Does your pasture have both cool season and warm season grasses? What kind are they?

PROBLEM V — WILDLIFE MANAGEMENT

1. Describe how trees and shrubs are planted?
2. What kind of farm land makes good wildlife areas?
3. How far should a wildlife area be from the farm buildings? Roads?
4. Should a wildlife area be connected by a hedge row to a corn or small grain field? Why?