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EC63-141 What Causes Gullies?

Harold Gilman

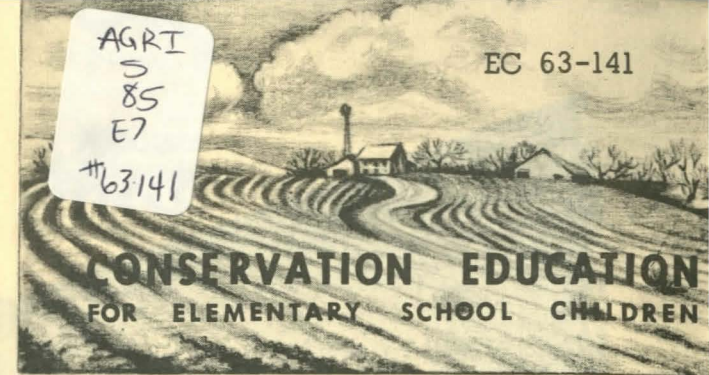
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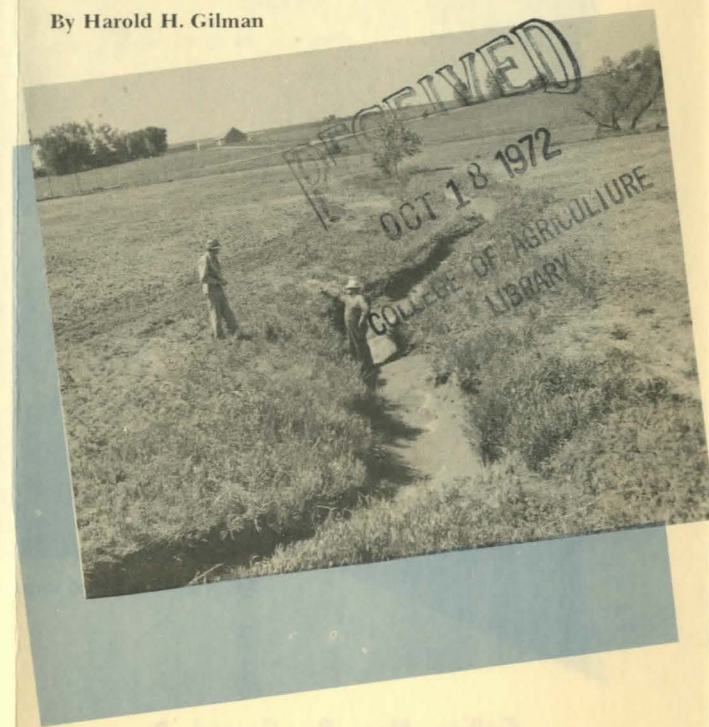
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EC 63-141



What Causes Gullies?

By Harold H. Gilman



Gullies are caused by running water. The force of the water forms small ditches. If not stopped, these small ditches soon become LARGE GULLIES.

EXTENSION SERVICE
UNIVERSITY OF NEBRASKA
COLLEGE OF AGRICULTURE AND HOME ECONOMICS
AND U. S. DEPARTMENT OF AGRICULTURE COOPERATING
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Conservation Education Publications

- The following circulars form the conservation education series.
- EC 63-139 What Causes Soil Erosion?
 - EC 63-140 Kinds of Erosion
 - EC 63-141 What Causes Gullies?
 - EC 63-142 Can Gullies Be Controlled?
 - EC 63-143 What Is a Terrace?
 - EC 63-144 What Is a Grassed Waterway?
 - EC 63-145 What Is Wind Strip Cropping?
 - EC 63-146 How Should Farm Ponds Be Managed?
 - EC 63-147 Conservation Practices in Eastern Nebraska
 - EC 63-148 Conservation Practices in Western Nebraska
 - EC 63-149 Conservation Practices in the Sandhills
 - EC 63-150 Shelterbelts?
 - EC 63-151 Who Helps Nebraskans With Soil and Water Conservation?
 - EC 63-152 Grass in Soil and Water Conservation
 - EC 63-153 Stubble Mulch
 - EC 63-154 Conservation Rotation
 - EC 63-155 Bench Leveling



Gully in cultivated land caused by water runoff from bromegrass pasture.



Gully eating away valuable pasture land.



Small gullies, if not stopped, soon become large gullies.

How Fast Do Gullies Grow?

It depends on:

1. How much rain and how fast it falls.
2. The steepness of the land.
3. The kind of soil.
4. How man manages the land above and around the gully.

Gullies May Be Caused By:

1. Wagon tracks, tractor tracks or other implements running up and down the hill.
2. Trails made by cattle.
3. Improper drainage ditches made by man.
4. By poor farming methods.

Gullies May Be Found In:

1. Cultivated land.
2. Pasture or rangeland.

Gullies Are Not Good Because They:

1. Destroy fields and farms.
2. Destroy the value of a farm.
3. Serve no useful purpose.
4. Are dangerous for livestock.

