

# ASC Office Advises: Stop Erosion with Grass Seeding

"Our greatest soil losses occur on land devoted to cultivated row crops. We can reduce our soil losses by building terraces, diversions, sod waterways and dams and by the seeding of more grasses and legumes," the Cass County ASC Office says.

There are parts of most farms that should never have been broken out of native vegetation and as a result erosion or gulches have been started. These gulches are scars on the face of our farmland and are evidences that poor management has been practiced, the ASC says.

Good management requires that these areas be revegetated. Native grasses with legumes have proven most suitable for this purpose.

In the past years the ACP program has offered cost-share payments for the seeding of additional acres of legumes or grasses. Most of the seedings made were legumes.

Statistics have proven that to retard erosion, improve structure, permeability or water holding capacity of the soil, the seeding of a grass legume mixture far surpasses a straight seeding of legumes.

Grass-legumes seedings are encouraged in the 1960 ACP program as they have special conservation and economic value. Grass-legume mixtures give greater forage yields and greater protection to the soil than either the grass or legume would have given if seeded alone.

The presence of legumes in the grass mixture also prolongs the useful life of the seeding because it increases the amount of nitrogen available in the soil and therefore keeps the grass seeding from becoming sod-bound.

The deep root systems of the grasses and legumes add organic matter to the soil and improves soil structure. The decay of the plant roots permit greater penetration of moisture and air, which add to the fertility and structure of the soil and makes the land easier to farm.

The top growth affords protection from the wind and the washing of the soil by rain and aids in the conservation of snow moisture.

After grasses and legumes are established they do not require added expense to the farmers, as they do not have to be planted every year, they control weeds and expensive harvesting charges are eliminated.

If additional acres of grass-legume seedings are to be made on your farm in 1960 and cost-sharing is needed to carry out this practice, A request must be

## Lester L. Edwards To Locate at Greenbay, Wis.

Among the graduates of the University of Omaha in the January commencement was Lester L. Edwards, well known here. He received his degree as bachelor of science in Business Administration.

Mr. Edwards is husband of the former Patricia Hadraba, daughter of Mr. and Mrs. John L. Hadraba and has been engaged at Omaha while attending the University of Omaha.

Mr. Edwards has accepted a position with Fairmont Foods at Green Bay, Wis., and is starting at once in the new position. He is returning in two weeks to arrange to move to Green Bay with the wife and make their home.

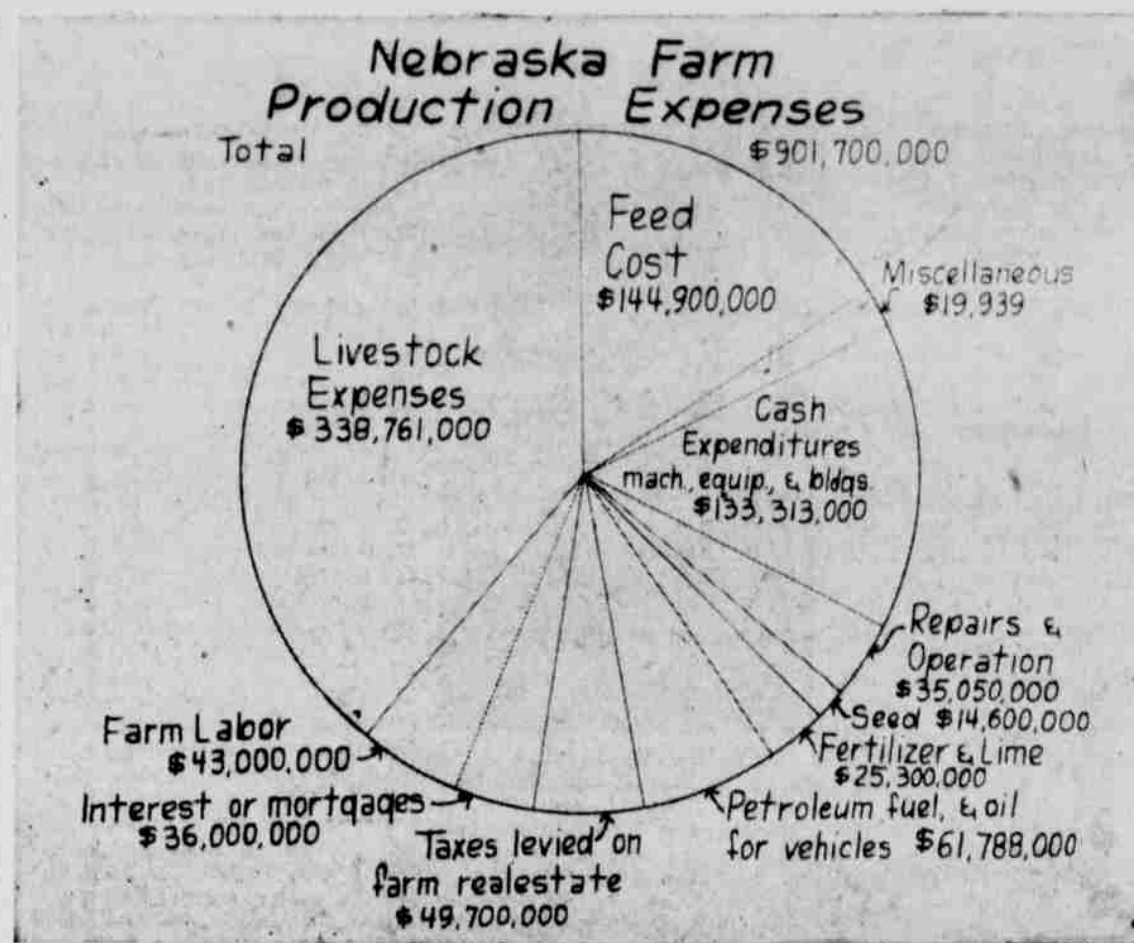
### 4-H NEWS

The Bridle and Saddle 4-H Riding Club organized in November at the home of Rollin Terryberry. Linnea Ingwerson was elected president; Jerold Heim, vice president; Rollin Terryberry, secretary and Jim Ingwerson, news reporter.

The December meeting was held at the Meyers home, and the January meeting at the home of Marvin Peterreit. Confirmation and parts of horses were studied.

February 20th the group met at the Boyne Parsons home. Games were played following the various meetings and refreshments served by the hostesses.

The club has fourteen members and leaders are Mrs. Glen Terryberry and Eugene McGill. —Jim Ingwerson, news reporter.



## Census Taker Is Getting More Personal

The census taker is getting more personal all the time. The ancient Romans simply counted noses and property, chiefly for the purpose of taxation, according to World Book Encyclopedia.

William the Conqueror compiled a little more information on who owned what when he decided to spread some payola in the form of land among his followers . . . at the expense of the nobility. When his officials finished adding up the English people and their possessions in 1086, they had two huge volumes called the Domesday Book.

European cities kept to the bare facts when they began to count their population in the 1400's and 1500's. The first such count was taken in Nuremberg, Germany, in 1449.

Three hundred years later Sweden compiled the first national census, based on parish records.

In 1790 the fledgling U. S. government sent out 17 marshals and a few hundred assistants to count the population in order to provide a basis for taxing the states and to determine the number of representatives they would have in Congress.

The first great invasion of privacy occurred in 1850, when census takers began to write down the names of all people in the country. They also classified the population according to age, sex, race and place of birth.

Soon the "enumerators" were poking their noses into such matters as occupation, education, income, marital status and the fertility of women. In 1950 they wanted to know about your plumbing.

This year they're going to find out whether you're really keeping up with the Joneses. A sample of the population will be asked whether they own a washing machine, a clothes dryer, a food freezer and air conditioning . . . and the number of cars in the family garage.

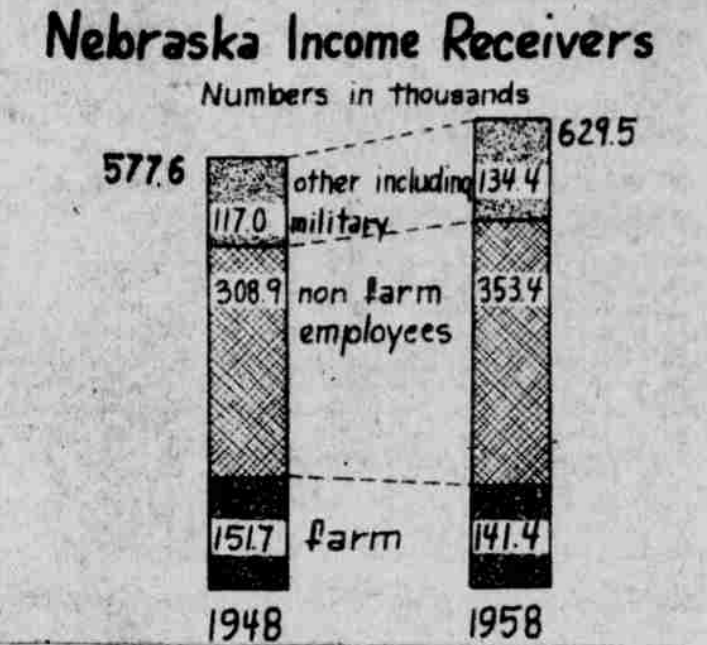
## New Vehicle Titles

The following new vehicles were titled recently by the office of county clerk (owner, dealer, make):

Cass Company Contractors, Hauschild Mtr. Ford; Wayne or Sadie Nicholson, Luken Chev., Chevrolet; Ernest F. or Mabel Ebeler, Lisle Chev., Chevrolet; Marvin Winters Sr. or Robt. Winters, Rubin Auto, Ford; John L. or Rose Ann Foster, Attebery Chev., Chevrolet Truck; Larry or Jo Ann Meisinger, Rubin Auto, Ford; Glen E. or Maude E. Hathaway, ubin Auto, Ford Falcon; Wilbur D. Fitzpatrick, Hauschild Mtr. Ford.

Guy or Katie Persinger, Luken Chev., Chevrolet; Glenn H. Love, Kahland Mtr., Pontiac; Karl R. or Hazel I. Prell, O'Shea Rogers Mtr., Ford Falcon; William V. Baker, Rosen Novak, Chevrolet; Robert or Julia McDonald, Buffington Mtrs., Buick; John J. or Mildred A. Stones, Buffington Mtrs., Buick; Harvey or Rose Lee Heier, Laune Chev., Chevrolet Truck; LeRoy or Mildred Meisinger, R. V. Bryant Mtr. Dodge; Marvin B. or Mae J. Winters; Cass Co. Mtr., Chevrolet.

The first American motor vehicle was demonstrated in Philadelphia in 1805. Called the "Orukter Amphibolos," or "amphibious digger," this 40,000-pound monster was a combination steam wagon and flatboat. It was built by Oliver Evans to help dredge Philadelphia's harbor.



## We're Big in Agri-Business

by Fred Olson  
Extension Farm Economist  
College of Agriculture

One-fourth of the personal income received by Nebraskans is derived from Agri-Business.

The sale of crops and livestock produced on farms and ranches total some \$1.2 billion annually.

Farmers pay \$901,700,000 of this annual income to industries that service agriculture.



Fred Olson

The farms and industries associated with agricultural production constitute Agri-Business.

In 1958 for example, farmers paid various segments of the economy which service agriculture these amounts: livestock, licenses, commissions, utilities, trucking and insurance, \$338,761,000; feed, \$144,900,000; seed, \$14,600,000; fertilizer and lime, \$25,300,000; petroleum fuel and oil, \$61,788,000; repair parts, tires and batteries for motor vehicles, \$16,453,000; building materials for repairs, \$7,378,000.

Repair parts, tires and batteries for farm machinery, \$11,221,000; miscellaneous hardware, \$9,113,000; small hand tools, \$623,000; containers, \$326,000; binding material, \$3,183,000; pesticides, \$1,793,000; veterinary medicines, \$3,003,000; green house and nursery supplies, \$225,000; dairy supplies, \$807,000; harness and saddlery, \$174,000; building materials for new construction, \$18,556,000.

Tractors, \$24,774,000; trucks \$14,734,000; automobiles, \$11,927,000; other machinery and equipment, \$63,321,000; taxes levied on farm real estate, \$49,700,000; interest on mortgages, \$36,000,000; and farm labor, \$43,000,000.

In addition to supplementing income for these service industries to agriculture, the farm portion of income receivers in Nebraska totals 141,400 — nearly one-fourth of the total income receivers in the state. This includes farmers, farm foremen, farm laborers, and unpaid family farm workers.

duce and distribute the non-food and fiber items such as automobiles, television sets, houses, tractors, movies, books and a thousand items.

Yet there is another contribution that rural Nebraska makes today to urban living. Nearly one-half of our rural children move to cities for their life's vocation. These children take with them a great farm investment.

This is the investment of rearing them and educating them only to turn them over to an urban society.

In many cases, this investment exceeds \$20,000 per persons, Olson says.

## Publications On Agriculture Are Available

LINCOLN — Here is a list of new timely bulletins published by the Agricultural Experiment Station and Extension Service at the University of Nebraska. Copies of the bulletins may be obtained at local County Extension agent offices.

Outstate Testing Circular OTC 80—Nebraska Corn Performance Tests 1959," by A. F. Dreier, P. H. Grabowski, D. L. Larson, P. L. Ehlers and P. T. Nordquist. The circular summarizes tests involving 147 varieties of hybrid corn and 3 standard varieties.

Extension Circulars EC 59-1592—"Peach Tree Borers," by Robert E. Roselle. This circular gives a description of peach tree borers, the injury they cause, and control measures.

EC 59-1593—"Red Spider Mite Control," by Robert E. Roselle. A description of the red spider mite, host plants, type of injury, life history and control measure.

## Tough as Shoe Sole, but Tasty

Management Practices and Space Allotments for Growing-Finishing Pigs (50-200 lbs.)," by Dr. Paul Q. Guyer and Donald F. Engel. Includes information on controlling worms, mange and lice; bedding; space and equipment.

EC 59-202 — "Nutrition of Growing-Finishing Pigs (50 lbs to market weight)," by Don F. Engel and Paul Q. Guyer. Includes information on concrete vs. Pasture vs. drylot; completely mixed rations; grain and supplement.

Station Bulletins SB 453—"Microorganisms and Their Activity with Crop Residues," T. M. McCalla. The bulletin points out that many of the cropping and tillage practices a farmer uses are effective in crop production because of their influence on microbial activity. For example, when the soil is tilled, aeration is improved and aeration is favorable for growth of nitrogen, sulphur and iron oxidizing organisms.

VALENTINE — A hungry coyote reduced a pile of leather reins and bridles to shambles recently on the Valentine National Wildlife Refuge, reports Neilus Nelson, refuge manager.

The coyote chewed up the pile of bridles and reins during the lunch hour of a grazing permittee and his cowboys. When the men returned to saddle their horses, they surprised the varmints away from the gnawed remains.

Just to prove their story the coyote was later located and shot, and the contents of his stomach examined. Sure enough, there were the parts of several reins and bridles. The evidence is being safeguarded, says Nelson, because even local old-timers don't believe the tale on face value.

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