

## IFYE Girl Describes Reclamation Projects While Visiting Netherlands

(Editor's Note: Susanne Losier, Enterprise, is in her third month in the Netherlands as an International Farm Youth Exchange delegate. She recently toured the vast land from the sea project. Susanne lives with families in various parts of the country. She'll be speaking in Jackson county on her return this fall.)

By SUZANNE LOZIER  
Enterprise IFYE

Stories told about settlement of Oregon are wonderful; in the Netherlands, with a known history dating to the 12th century, a form of pioneering still exists — the reclaiming, developing and settling of thousands of acres of former sea land. I've just visited the two newest polders (reclaimed land) and it's amazing to see how they've taken land from the sea and put it into full agricultural production.

I'm living with a young couple. My "father" is 26 and "mother" is 24. They've been married a year and expect their first baby in December. . . so I'm busy making maternity clothes and helping plan and prepare a nursery. They are both well-educated, very well read and speak good English. We live in a large house, an old one that has been refurbished inside, and we not only have a mixer but a freezer! Mother has an enormous garden so we spend lots of time freezing U. S. IFYEs attended the Nederland IFYE reunion recently in Groningen. We met Fritz Wierenga who visited Oregon as an IFYE a couple of years ago. Fritz is now working on the Flevoiland polder, living in Barendrecht during the week and going home week ends.

The Zuyder Zee, a shallow bay of the North sea, became the IJsselmeer (meer meaning lake) when the famous Afsluiddijk was completed in 1932. No longer connected to the North sea, the waters of the IJsselmeer are now fresh and the reclaimed land free from harmful salt minerals. Since the closing of the dike three polders with a total area of 300,000 acres have been constructed and two more polders (a total of 250,000 acres) are to be finished by 1980.

These polders will increase the land area of the Netherlands by one-tenth and will be the 12th province of the country.

**Polders Described**  
The Noordoost polder and Eastern Flevoiland polder are the two newest polders. The areas were first enclosed in dykes and the water removed by large pumping stations. The Flevoiland polder, still under construction, has three large pumping stations (capacities of around 120,000 gallons per minute) which drain the land and now maintain the water level there. Drain tiles are put into the land and closely spaced ditches facilitate the drying of the land in the first stages of its development.

The land is separated into large "farms" with a manager to direct the development. Reeds, sown by airplane are the first "crop" — they prevent growth of weeds and give some life to the soil. The reeds are burned each year to keep them dense, and they remain until the ground is dry enough to cultivate. Much of the Flevoiland polder is still in reed. Rape seed is then sown to get rid of the reed. A fast-growing dense crop, it prevents the growth of the reeds by shutting out the sun. The men were harvesting the rape seed with combines with special headers because of the drain ditches still in the soil. If a combine begins to spin, the driver stops and is pulled out; if he tries to get out alone, the wheel spins through the dry layer into the wet and he's really stuck!

When the soil is ready, the drain ditches are closed and crops of wheat, oats, barley and flax are sown until the soil is ready for intensive farming. The land is divided into 75 to 100 acre farms and rented.

Many apply for the farms and are carefully selected. The farmer must be married or engaged, and he must have farming experience and references for his farming ability. He must also have about 20,000 gulden available—from himself, family or bank. Once selected, the farmers may indicate a preference for size and types of farms available. About 40 farms in the Flevoiland polder were rented in 1961; 127 more were announced this week and these are to be ready for farming this fall.

**Land Ownership**  
Land ownership remains with the state. The farms are rented to the farmers for 12 years, including barn and house. The rent is a set amount, depending on type of soil and size of farm with the rent on barn and house in addition. Rent includes upkeep; i.e., the houses are repainted every six years. The government does not control the crops that are grown and the farmer has only to renew his contract at the end of 12 years. These farms may be transferred to sons. When the cost of constructing the polder is absorbed they will probably be available for the farmer to buy.

Not only are the farms and farm buildings planned and built by the government, but the towns are also planned. The capital-to-be of the 12th province is planned to be a city for 30,000 but is only just begun! For each 50 acres of land to a farm, a farm

worker's house is available in town with the rent shared by the farmer and farm worker. Shops are available for lease by selected businessmen. Educational, cultural and recreational facilities are also included in these planned towns. The polders have their own farm cooperatives, markets and storage facilities.

The Noordoost polder was drained in 1942 and the first farms given out in 1947. It is now in full agricultural production. Results are well kept farms with beautiful gardens, lots of Canadian poplar trees, and very high crop yields (90 bushel-to-acre wheat and the highest fruit yield in the Netherlands). Areas that were not suitable for farming were planted to trees and some of these made into recreational and vacation areas.

A part of the original fishing island in the center of the Noordoost polder remains. The water wall still stands, and a water measure for the original fishermen now only rises above the new land. As we looked out over the land—extending as far as we could see in every direction—it was impossible to imagine it water 20 years ago.

## Farmer's Share Of Food Dollar Dips To 36 Cents

Washington—UPI—The Agriculture Department says the farmer's share of the consumer's food dollar dropped to 36 cents in the April-June quarter of 1963.

This was the lowest quarterly average share recorded in more than 20 years. Farmers received 37 cents in the previous quarter, and 38 cents in April-June, 1962. In 1952, the farmer's share of the retail dollar spent for farm-originated food was 47 cents.

In a review of the marketing and transportation situation, the department said marketing charges in the second quarter of 1963 averaged 3 per cent higher than in the same period of 1962. The marketing charges were up mainly because: (1) Retail prices of beef did not decline as rapidly as farmers' prices of cattle; (2) Retail prices of frozen orange juice concentrate and canned single-strength orange juice rose more rapidly after the freeze in Florida than prices growers received for oranges; (3) Marketing costs for bakery and cereal products rose significantly during the year.

**3 Per Cent Lower**  
The department said prices farmers received for food products in the second quarter averaged 3 per cent lower than in January-March, mainly because of decreases in farm prices of beef cattle, milk for fluid use, and eggs. The second quarter average this year also was 3 per cent lower than a year earlier and resulted largely from lower prices for beef cattle, hogs, and fresh vegetables.

The department said the bill for marketing domestic farm-originated food products to civilian consumers totaled \$42.9 billion in 1962. This was an increase of 3 per cent over 1961 and less than the annual rise during the past 10 years.

The marketing bill has increased every year since 1950 when it was the same as in the preceding year. From 1952 to 1962 it rose 52 per cent.

The civilian expenditure for farm goods in 1962 totaled \$64.3 billion. With the marketing bill subtracted, the resultant farm value of the farm-originated food was \$21.4 billion.

## Public Works Funds Go to Josephine

Washington—UPI—Secretary of Interior Stewart L. Udall has announced allocation of \$8,719,000 of the accelerated public works funds to 92 forestry conservation projects in more than 100 counties in 24 states.

The allocations, by state and projects included:

- Oregon—Josephine \$166,000; Galice rd., \$200,000; Wasco, \$5,000; Lakeview, \$10,000; Coos, \$95,000; Elk Creek rd., \$137,000; Douglas \$289,000; La Pine \$45,000.



**PEAR TREES CLEARED**—This is one of a series of local pear orchards which have been cleared of trees recently. The owner, who prefers to remain nameless, said the decline which hit his orchard was "financial." The 13 acres included a number of varieties.

## Seed Study Machine Developed at OSU

Corvallis—Machines designed to speed up seed analysis are being developed by Oregon State University researchers in a move which may bring partial mechanization to the world's seed testing laboratories.

Seed testing operations have changed little in the past 50 years, with all purity analysis work being done by hand. Experimental models of four machines developed at OSU may bring about some of the first changes.

The work is being done under a three year contract between the OSU agricultural experiment station and the agricultural marketing service, U. S. Department of Agriculture. Edward Hardin, seed technologist, and Byran Mikkelsen, assistant in agricultural engineering, are heading up the cooperative project between the farm crops and agricultural engineering departments.

The Pacific Coast Seed association and the Seed Research foundation of the American Seed Trade association encouraged the initiation of the research project as a means of striving to put a better quality product on the market, pointed out J. Ritchie Cowan, head of the Farm crops department.

**Machines Explained**  
Two of the machines deal with the examination of seed by the analyst. Tests of the first machine designed primarily to protect the analyst from dust and chemical fumes, indicate the work can be done faster.

To be used for larger seeds, such as cereal grains, the machine features an enclosed unit which allows the analyst to inspect the seed without touching it or breathing dust or fumes of the mercuric compounds with which some seeds are treated. Fumes and dust are removed by vacuum.

The second examination machine was designed to speed up the examination of smaller seeds and to give better optical vision to the analyst. Seeds move through the machine on a belt which can be started and stopped at the will of the operator. It also features a movable microscope by which the analyst can examine all seeds on a given area of the belt faster and easier.

The other two machines are designed to partially separate seed samples before they reach the analyst. This is now done mostly by hand.

Vibration is used by one machine to achieve partial separation. The seeds pass over a vibrating tray and are deposited in three containers. The seeds are separated on the basis of such physical properties as size, shape and density.

**Test Planned**  
The vibrator will be used next year in the OSU seed laboratory to test it under actual working conditions. Researchers feel it will be particularly helpful in examining larger quantities of seed under Oregon's certification program. It is already known the machine does a good job

## 66 4-H Members In Horse Event

Siskiyou County—Demonstrating their knowledge and skill with horses 66 4-H horse project members took part in the second county-wide 4-H horse field day, Sunday, Aug. 4, at the Siskiyou County Fairgrounds in Yreka.

The first event was a written test prepared by the 4-H horse leaders to find out what the members have learned during their project work.

Kathy Shaw of Table Rock club, Judy Jackson of the Shasta club and Julie Smith of the Fort Jones club made perfect scores in the test. This test was supervised by Mrs. Fred Rafaelli of the Table Rock club.

Rosettes donated by the veterinarians of Siskiyou county were awarded to the members who placed in each event.

## Dog Show, Obedience Trial Scheduled for September 1

The Southern Oregon Kennel club will hold its annual **307 Cattle Sold At Midway Yard; Strong Market**

Midway Auction yard sold a total of 307 cattle during its regular sale on Friday, Aug. 9.

Owner-Manager Bill Bray reported an active, strong market. Slaughter cows were about 50 cents to \$1 higher.

Good steer calves sold at \$24 to \$26.80. Medium steer calves brought \$23 to \$25.

Good heifer calves went out at \$22 to \$24.50. Medium heifer calves sold for \$20 to \$23. Common dairy cross calves sold for \$18 to \$21.50.

Good yearling steers brought \$22 to \$25.50. Medium quality yearlings sold for \$20 to \$23.25.

Yearling heifers went mostly at \$20 to \$22. Holstein steer calves brought \$21 to \$22.40.

Yearling Holstein steers sold for \$18 to \$21.50. Choice veal sold for \$24 to \$26.50. Heavy fat calves sold for \$23 to \$25.10.

Good cows with calves brought \$200 to \$217.50 per pair.

Medium cows with calves earned \$160 to \$195 per pair. Slaughter bulls went out at \$17 to \$18.60 per pound.

Young, fat cows sold for \$15.50 to \$17.50. Utility cows brought \$13.50 to \$15.50, cutters \$12 to \$13.50 and canners \$8.50 to \$11.75.

Grass fat steers and heifers weighing 800 to 1,100 pounds earned \$19.50 to \$22.50.

The fat hog market was high with choice No. 1 hogs bringing as high as \$20.40 and others \$19 to \$19.90.

Feeder lambs brought \$15 to \$15.60. Slaughter ewes and bucks earned three to five cents per pound.

"The market seems to have made a good recovery from the little slump we had in recent weeks. We're hoping for a continued stable market," Bray said.

Dog Show and Obedience trial Sunday, Sept. 1, at the Senior High School football field in Medford. The show will be open to the public, beginning at 8 a.m. Judging will start promptly at 9:30 a.m.

The local club, S.O.K.C., is a member of the Cal.-Ore. circuit. This show will be part of a four day circuit beginning Aug. 30-31 in Klamath Falls, Medford, Sept. 1, and Eugene Sept. 2. This is the 15th annual all breed dog show and obedience trial held, and is conducted under the rules and regulations of the American Kennel Club. It will not be a bench show.

Entry fees for first class in which dog is entered is \$8. Each additional class (for each dog) is \$2. Entry checks should be made payable to the Southern Oregon Kennel club. Address all entries to Bernice Beherendt, 470-38th Ave., San Francisco, Calif., 94121. Entry fee must accompany all entries, and must be paid, whether dog is present or not. No entries will be accepted later than Aug. 19.

**Classes Listed**  
Competitive classes are: best dog in show, sporting group variety, hound variety group, working variety group, terrier variety group, non sporting group, and obedience trial.

Judges are: J. A. Brogan, Portland, obedience trial; Mrs. Chas. D. Cline, Los Angeles, Calif., hound variety group; Mrs. R. C. Harris, Orange, Calif., Boxers; Mrs. Herman Jordan, Baldwin

Park, Calif., Welsh Corgis and all terrier breeds; Mrs. Clifford Jackson, Boise, Ida., Cocker Spaniels; Robert McCandless, Los Angeles, Calif., sporting dogs; W. H. Pym, Vancouver, B. C., Canada, toy breeds; L. L. Skarada, Clovis, N. M., all working dogs except Boxers and Welsh Corgis.

Officers of the S.O.K.C. are: Mrs. Olive Gonzalez, president; Anthony Hrankay, first vice president; Mrs. Kay Nelson, second vice president; Mrs. Margaret Jones, third vice president; Mrs. Caryl Gibbs, corresponding secretary and treasurer; and Mrs. May Brown, recording secretary. Directors are: W. O. Herrling, W. R. Kishner, A. P. Gonzalez, L. B. Nelson, and Mrs. Caryl Gibbs. Show superintendent is Bernice Beherendt.

The veterinarian inspection will be conducted by a member of the Rogue Valley Veterinary Medical association.

Admission for spectators will be 50 cents, and 25 cents for children.

The food concession will be supervised by the women of the Moose Lodge. Breakfast and lunch will be served on the grounds. All award winners will be presented trophies made of Oregon Myrtlewood.

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