



The warm, Mediterranean climate of Israel makes it ideally suited for the raising of citrus fruits. Jo Anne Fulbright is shown working in an orange grove.

Israel's Limited Farm Land Produces Variety of Products

By JO ANNE FULBRIGHT, Cascade County International Farm Youth Exchange Delegate

"SHALUM" (HELLO) from Israel!

Israel is a tiny country with a land area of about 8,000 square miles, 1/20 the size of Montana. It consists of an irregular narrow strip of land, 260 miles long and 70 miles at its widest point. Most of Israel's 2 million population live in the coastal plain bordering the Mediterranean Sea. Of these 2 million people, 22 per cent are engaged in agricultural work.

Geographically, Israel's location is well suited to many different types of agriculture. However, in some parts the topography and the amount of rainfall make living off the land a problem. Mountains make up the central column of the country, averaging 2,000 feet in height. This mountainous backbone is cut by several valleys. One of these, the Jordan Valley, is the lowest on the earth's surface. About half the area of Israel is comprised of desert—the Nigiv.

In agriculture, unique types of cooperative settlements have been established. The four main types are the kibbutz, moshav, moshav shitufi and the moshava.

Most similar to the private farms in Montana is the moshava. It is an ordinary village based on private land ownership and private enterprise. Each individual farmer has his own farm yard in the village and farm land in the surrounding area. He is responsible for his own farm and the products grown. Almost every private farmer belongs to one or more marketing cooperatives.

Oranges For Effort

My last two host families have lived in a moshava. In Benjamina, the citrus belt of Israel, my host father had four acres of pardiss (orange orchards) and four acres of karem (vineyard) plus the one acre his home and farm buildings were on. He raised chickens (both for eggs and meat) to supplement the other income.

Jaffa oranges, famous the world over, are grown in this area. It is one of the chief export products to Europe. Several large packing houses, owned by cooperatives, prepare the fruit for shipping. A special process of waxing gives each orange protection against spoilage

during the journey to foreign countries.

An invasion of Mediterranean flies was giving the citrus growers many troubles during my stay in Benjamina. My host father said colder weather and rain would be the only sure method of destroying the pests. These flies injected a stinger into the fruit causing spoilage after a short period of time.

In Gedera, further south than Benjamina, my host father was a member of a cooperative that grew vegetables. This cooperative is one of the biggest land owners in Israel. Cotton, barley, tomatoes, grapes, onions, cucumbers, peppers, beets, spinach and numerous other crops are grown. All these crops are raised for seed only.

Collective

A type of settlement I found most different was the kibbutz. All property is collectively owned and work is organized on a collective basis. The members give their labor and are supplied in return with housing, food, clothing, education, culture and social services. There is a central dining room and kitchen, communal kindergarten and children's quarters, communal social and cultural centers and central stores.

Ramat Yoehanan is a fairly old kibbutz and is considered one of the more prosperous ones. About one-third of the annual income comes from poultry. A herd of 250 dairy cows brings in the next biggest income. Grapes, grapefruit, quinces and sheep are other important agricultural enterprises.

Can you imagine an agriculture settlement looking somewhat like a sunflower? Nohalal, a moshav, is laid out in such a pattern. In a moshav each farm is worked by the members and his family, but the produce is sold through a central cooperative and purchases are undertaken cooperatively. Going back to the shape of the sunflower—the common store, post office, dairy, produce center and community hall make up the very center. Extending out from the center like petals are the farms.

Intensive Farming

Each farm has 26 acres located directly behind the house. Some farms are farmed by one family but very often two families work together. With such a small acreage very intensive farming is carried on. Every farm has a few milk cows and chickens which are used for home use and also sold

at the produce center. The rest of the farm land is planted with crops according to the owner's likes and dislikes.

The fourth type of settlement, a moshav shitufi, is based on collective economy and ownership but each family being responsible for its own domestic services such as cooking, laundry and care of children. Work and pay are adjusted to individual family circumstances.

Similar to Montana

This settlement, Moledeth, reminded me very much of Montana because dry land farming is practiced. In this particular section of Israel it is very dry and water is very scarce. Wheat and barley are the two main crops.

Being an IFYE to Israel has been an experience I'll remember all my life. Some of my hosts couldn't speak English and I couldn't speak very much Hebrew, but I soon found a common language wasn't necessary. We conversed, sometimes with sign languages, and developed wonderful friendships. I firmly believe world understanding can be achieved by such programs as Iffy. It has often been said, "The way to transmit an idea is to wrap it up in a person."

Montana Completes 10th Year In Youth Exchange Program

MONTANA HAS COMPLETED its tenth year of participation in the International Farm Youth Exchange Program. During that time 27 young Montanans have been sent to visit with farm families in 21 different countries in Europe, South America and the Far East.

In return, Montana has been host to 53 young men and women guests from 24 countries. They have been entertained by farm and ranch families in 46 counties.

Following is a list by counties of families who have been hosts to one or more exchangees from other countries:

BEAVERHEAD—William Garrison, Glenn; Ray Forrester, Dillon; Emil Schindler, Jackson; Robert H. James, Grant; Jack Brenner, Grant.
BIG HORN—Tom Yellowtail, Wyola.
BLAINE—John Kathman, Chinook; Don McGuire, Hogeland; E. C. Meyers, Billings; Clarence Ritter, Turner; Warren H. Ross, Chinook; Charles Tilleman, Chinook.
BROADWATER—Sewell Marks, Townsend; Ned George, Winston.
CARBON—Joe V. Ballard, Luther; Vernon Koski, Roberts; James O'Shea, Red Lodge; James Croft, Red Lodge.
CARTER—Ted Bickerdike, Capitol; J. Oliver Teigen, Capitol; Ellis Burch, Ekalaka.
CASCADE—R. C. Johnson, Cascade; Ben McCoy, Belt; George McKamey, Great Falls; C. E. Smiley, Eden; John Staigmler, Eden; C. L. Briggs, Great Falls.
CHOUTEAU—Matt Gasvoda, Big Sandy; C. J. Lenington, Fort Benton; Hardee Phillips, Wal-

tham; Ernest Ahrendes, Highwood; Harold Goldham, Geraldine; George R. Peterson, Waltham; Roy F. Pagar, Big Sandy; Arnold Engelland, Geraldine; C. H. King, Fort Benton.

CUSTER—Mrs. Fritz Zook, Miles City; Elmer T. Brink, Miles City; Bruce Orcutt, Miles City; Dan Lockie, Sheffield.

DANIELS—James C. Hanrahan, Whitetail; John F. Lee, Scooby; Milton Fladager, Peerless.

DAWSON—Leon Anderson, Lindsay; Edward Ekland, Glendive; Harold Hanson, Lindsay; Clarence Wolf, Lindsay.

DEER LODGE—Don Tavener, Deer Lodge.

FERGUS—Gail W. Burleigh, Lewistown; Dean Burnham, Lewistown; I. O. (Orval) Fairbanks, Buffalo.

FLATHEAD—R. W. Carr, Kalispell; Don Claypool, Kalispell; Henry Ficken, Kalispell; Floyd Johnson, Kalispell; Harold Passmore, Creston; George Wendt, Columbia Falls; Charles Jellison, Kalispell.

GALLATIN—Al Nikles, Bozeman; J. E. Norton, Bozeman; E. P. Orcutt, Bozeman; W. Ora Olson, Bozeman; Louis Reichman, Wilsall; Walter Storey, Belgrade.

GLACIER—Tom Harwood, Valier; John Quist, Cut Bank.

GRANITE—Howard Lord, Philipsburg; Fred Parker, Hall.

HILL—Stuart Herron, Havre; Wilfred Tow, Laredo; Norton Johnson, Kremlin.

JEFFERSON—Donald D. Powell, Cardwell.

LAKE—Clarence Bick, Ronan; B. F. Johnson, Jr., Ronan; Clarence E. Savik, Ronan; John Unger, Polson; Richard Lensman, St. Ignatius; Ralph Gipe, Polson.

LEWIS AND CLARK—Tom Herrin, Helena; Norman Chevallier, Canyon Creek.

LIBERTY—John W. Duncan, Joplin.

MADISON—Donald L. Clark, Ennis; Peter V. Jackson, III, Norris; Charles Miller, Silver Star; J. C. Jackson, Harrison.

MCCONE—Phillip Haglund, Brockway; John Haglund, Brockway; David James, Circle.

MEAGHER—Olaf Brekke, Bozeman; Ross Higgins, Ringling.

MISSOULA—Otto Benson, Missoula; Roy Handley, Clinton; Victor Loisselle, Missoula; Matt Pomajevich, Missoula; Kenneth Richardson, Missoula; R. H. Richardson, Missoula; Roy Wills, Potomac.

MUSSELSHELL—Herbert C. Hougardy, Roundup; Clarence Lindstrand, Roundup.

PARK—Chris Karell, Livingston; B. T. Lovely, Livingston; Warren Pepper, Wilsall; Mrs. Austin Swandal, Wilsall.

PHILLIPS—Charles G. Barnard, Regina.

PONDERA—J. H. Arns, Valier; Fred Bills, Dupuyer; LaVern Kell, Conrad; John Kiel, Ledger; Fred C. Nickol, Ledger; E. H. Orcutt, Ledger; David Ratzburg, Ledger; Frank Hughes, Williams.

POWDER RIVER—Randolph Delbel, Olive.

PRAIRIE—Fred J. Sackman, Marsh; David Strobel, Marsh.

RAVALLI—Walter Polette, Florence; Morris A. Strange, Stevensville; Charles Thomas, Hamilton; George Vogt, Sula.

RICHLAND—Asa Bradley, Crane; Arthur S. Miller, Sidney; Soren Nelson, Sidney.

ROOSEVELT—Jerome Friedenbach, Brockton; John Simard, Bainville.

ROSEBUD—John Barringer, Hathaway; Silver Mysse, Jr., Ingomar; William Lockie, Rosebud; Art C. Mees, Forsyth.

SANDERS—William Cole, Plains; Mrs. George Hellerline, San Bernardino, Calif. (formerly of Plains, Mont.)

SHERIDAN—Carl Laursen, (moved to Iowa); George Lund, Reserve; Mike Nathe, Redstone; Mr. T. S. Nelson, Antelope; Alfred Tange, Redstone.

SILVER BOW—Henry D. Horton, Butte.

STILLWATER—Webster Kellar, Fishtail; John Leuthold, Molt; John Mohr, Park City; Sid Fraser, Reed Point.

TETON—C. O. Juelfs, Dutton; Mrs. Bessie Silberman, Collins (formerly Mrs. Requam); Jesse Malone, Choteau.

TOOLE—Ole Enneberg, Cut Bank; Karl M. Nutter, Sunburst; Clarence D. Stoltz, Sunburst.

TREASURE—Robert Cunningham, Hysham.

VALLEY—Frank Ferrin, Glasgow; Ollie Helkens, Nashua; August J. Henz, Hinsdale; John Wesen, Glasgow; Walter Furhman, Opheim.

WHEATLAND—John Miller, Twodot.

YELLOWSTONE—Alvin W. Hageman, Broadview; George Lackman, Billings; Adolph Lenhardt, Sr., Billings; Thelmer Mosdal, Broadview; D. F. Cleveland, Ballantine.

1958 IFYE Delegates



These three young Montanans have been named to take part in the summer phase of the International Farm Youth Exchange program, according to Geraldine G. Fenn, associate state 4-H club leader at Montana State College. Left to right are Robert F. Woodmansey, Highwood; Esther E. Polette, Florence, and Verle E. Lanier, Billings. Woodmansey will go to Denmark, Lanier to Japan and Miss Polette to Luxembourg. They will leave in June and return in November or December.