

New Bee Boosts Higher Alfalfa Yield OSU Survey Shows

A fast-flying, hard-headed bee, a relative newcomer to this country—appears destined for a key role in boosting Oregon's alfalfa seed production as much as 10-fold.

The "leaf-cutter" bee, found recently by an Oregon State University entomologist, works at high-speed throughout the summer pollinating alfalfa. The bee is small—about 1/3 of an inch long, 3/16 of an inch wide—and flies so fast you can rarely see it.

Chief value of the leaf-cutter as a pollinator is that it doesn't seem to mind the jolt it gets from tripping an alfalfa flower. Entomologist W. P. Stephen said it is essential that the flower is tripped to insure pollination.

Honey bees haven't worked out as alfalfa pollinators. Unwilling to brave the kick of the "tripper" in the flower, the honey bee works cautiously and steals the nectar without tripping the flower.

Where non-tripping bees are around, yields average about 150 to 200 pounds per acre. But the leaf-cutter bee and the alkali bee, also an excellent pollinator found several years ago, boost seed production to around 1,500 pounds.

The leaf-cutter has several advantages over the much larger alkali bee. It is easier to colonize artificially, has no known parasites, and flies about three months—mid-June to mid-September.

A native of Europe or Asia, the leaf-cutter was apparently introduced into this country within the past 25 years. Natural parasites probably were not introduced along with it, Stephen explained.

Inexpensive nesting sites have proven suitable for colonizing leaf-cutters. Stephen first observed the leaf-cutter bees, in 1958, nesting in nail holes in an abandoned shack in the Snake River Valley. Since then, he has noted that the bee will nest in wood cracks, hollow tubing, or any place that gives the female protection from the weather.

Umatilla Farm Bureau Slates Open House

Umatilla County Farm Bureau officials announced this week they will hold open house at their new quarters, 815 S. W. Court in Pendleton from 10 a. m. to 6 p. m. Saturday, Aug. 26. The public is cordially invited.

John Estoup, Milton-Freewater, president of the county farm group issued invitations this week to city and county officials in every area as well as state legislators and farm leaders.

The open house Saturday will exhibit to the public the newly renovated building which the Farm Bureau has purchased to use as its county office building, as well as the base of operations for Farm Bureau Insurance executives servicing the county.

Mrs. Mabel Chaffee left Monday for a few days visit at the home of her brother and family, Mr. and Mrs. H. N. Routh, in Kennewick, Wash., and with other relatives and friends there.

County Agent's Office

Agent Attends Meets Of Farm Significance

This past week was a busy one and took the agent out of the county four days to hear of and plan programs and developments.

On Tuesday, all Eastern Oregon agents met with the state and county civil defense personnel, as well as key persons involved in civil and rural defense. USDA has had emergency planning committees composed of USDA personnel in each county for about a year working with the civil defense program. Their responsibility has been mainly tied to food distribution in time of disaster. The day was spent in planning stepped-up activities in view of the present world situation.

On Wednesday of this week, county ASC committees and office managers with county agents had explained to them the new farm program signed by the president a few days before. While there are some unanswered questions concerning the program for wheat and feed grains, the general program was discussed and plans made for educating the public of the legislation. With a mandatory ten per cent decrease in wheat acreage allotments, called for in the program, the county ASC committee has mailed to all wheat growers their 1962 allotment. Included with the allotment notice was a sheet which fully explains the new program and points out that the price support at a national average of \$2 a bushel will be available on the 1962 wheat crop if quotas are approved at the referendum, August 24.

Twenty-two community committee members attended a special meeting Friday afternoon at which time the 1962 wheat and barley feed programs were explained and the importance of everyone voting in the August 24 wheat marketing quota referendum explained. The majority of the community committee asked that an educational meeting for all farmers be delayed awhile to wait for some clarifications on what alternate conserving uses may be designated for the 10 per cent diverted land. A definite ruling indicated that these diverted acres cannot be harvested for grain or pasture. However, there are some questions concerning some other uses including summer fallow. If quotas are approved on August 24, growers will receive a payment for diverting the 10 per cent acreage to conservation uses. Payment for this initial diversion will be calculated at 45% of the county support rate times the farm yield. Additional diversion up to 30 per cent of farm wheat allotments over 13.5 acres will earn higher payments. These will be figured at 60% of the county loan rate.

If wheat quotas are not approved on August 24 there will be no diversion payments and no restrictions on marketing. Likewise, there will be no supports for those who exceed allotments; but there will be price supporting loans for those who stay within allotments. The national support rate without quotas would be around \$1.20 a bushel instead of the \$2 rate with quotas. The new legislation also provides for a feed grain acreage diversion and price support program. It is a separate program and will apply mainly to barley in this county. The minimum diversion will be about 20% of the base acres computed on a 1959-60 average. The minimum diversion for one farm is 40% of the base or 20 acres plus 20% of the base for farms under 100 acre base. For farms over 100 acres a straight 40% maximum diversion is allowed. The payment for the feed grain program is 50% times the normal yield for minimum acres and 60% times the normal yield for the second 20% diversion. There will be a payment 50% times the normal yield for additional acres up to 40%. Payments will be based on a support price of not less than \$1 a bushel. Farmers will be kept informed on the program and anyone wishing to discuss the purpose of the 1962 wheat or feed grain programs is welcome to visit the ASC office or discuss them with your county agent. We have some worksheets prepared by the college which might be helpful in determining the effects of the new program on your farm costs and returns which then can be compared with alternate programs available in making a decision.

All day Thursday and most of Friday morning was spent with Bob Every, extension entomologist, OSU, making farm and home visits on insect pest problems which have been accumulating over the spring and summer months. Most of Thursday

was spent inspecting wheat and barley fields where a number of ranchers had reported an insect pest which they had discovered in their fields about harvest time. Joe Capizzi, entomologist, State Department of Agriculture, and Ernest Kirsch, Gilliam county extension agent, were on the Thursday tour. Several ranches were visited all of which seemed to be quite well infested with the insect pest. Tentatively identified as the Spike-Horned Leaf Miner, a search was made that day for adult insects.

On Saturday, the agent attended a meeting of OSU farm crops dept. members and extension specialists to review the procedures for releasing the new semi-dwarf wheat variety which has been officially named Gaines. This meeting was held as a follow-up to a Pacific Northwest joint college and grain trade group which met the day before in Walla Walla officially approving the milling test which had held up definite arrangements for distribution. Average yields of flour from the new variety resulted in 71.7% which compares to an average of 69.7% for Bert and 75.2% for Omar. With the release of the variety Morrow and other county wheat allotment committees can now meet and review applications received from growers over the past several months. We have encouraged farmers to make applications for the new wheat through this column since early spring so that they might be considered by our committee. At the Saturday meeting some special requirements set up for releasing and growing the wheat was heard and a memorandum of agreement between the grower and the Oregon Agricultural Experiment Station was reviewed. Seed of the new variety, Gaines, will be more plentiful than earlier thought and in comparison to some of the new varieties released in recent years. However, in order to distribute the seed throughout all communities and give those who qualify a chance for initial increase a maximum of 600 pounds will be allotted each grower.

Available about September 1, the variety is adapted to early seeding if moisture is adequate. Seed allocated under contract to increase growers will cost \$7.20 per bushel and a memorandum agreement specifies that the grower must sell 60% of the seed produced from this planting to other growers at a price not to exceed \$4.20 per bushel, cleaned, treated, bagged and certification tagged. The seed will be Foundation seed which will then be eligible for a Registered tag in 1962. Farmers who might be interested in growing seed of this new variety and especially those who have had experience in growing certified seed and have a small acreage which is clean of other varieties and weeds are urged to make application at once Applications are available at this office.

IN THE CIRCUIT COURT OF THE STATE OF OREGON, FOR MORROW COUNTY

Morrow County, Oregon, a political subdivision of the State of Oregon.

Plaintiff

Vs.
Roy E. Thomas; Jennie Wells, Heirs; Harry Lutz; Fred Cruthers; Perry L. McRae and Emma M. McRae; Ida B. Carter; J. O. Lower; C. E. Berger and Carmen Berger; Arnold Hoffman and Ruth Hoffman; Monroe Morgan; George W. Allen; Charles O'Connor and Cosby O'Connor; Adon Hamlett and Eva M. Hamlett; John Botts; Mary E. Coates.

Est. M. F. Cork c/o Lilburn Hunt, in the Circuit Court of the State and also all persons owning or claiming to own or having or claiming to have any interest in any property included in the foreclosure list in the complaint herein.

Defendants

Summons
To: All defendants above named and to all persons owning or claiming to own, or having or claiming to have, any interest in any property included in the foreclosure list hereinafter set forth, and being the Morrow County delinquent tax foreclosure list for the year 1961: You are required to take notice that the plaintiff herein has filed

the date of the first publication of this notice, exclusive of the day of the first publication of this summons, which date is the third day of August, 1961.

This notice is published in The Heppner Gazette Times, a newspaper of general circulation, published in said County, by authority of an order of the County Court of Morrow County, Oregon, and designated in such order of the County Court of Morrow County, Oregon, as the newspaper in which said notice is to be published, which order is dated the 17th day July, 1961. That the delinquent list for the year 1961, which application is made to foreclose, is as follows:

Name of owner as shown on latest tax roll	Description of Property All in Morrow County, Oregon	Year of Delinquency	Amount of Taxes	Interest To 9-15-1961	Total
Roy E. Thomas	East 10 ft. of the East 20 ft. of Lot 9, Blk. 2, Quaid's Add. to the City of Heppner	1956-57	2.08	.74	14.48
		1957-58	2.36	.85	
		1958-59	2.42	.48	
		1959-60	2.47	.29	
		1960-61	2.88	.11	
Jennie Wells, Heirs	South 12 ft. of Blk. 5, Wells Add. to Heppner	1955-56	.63	.28	5.26
		1956-57	.62	.22	
		1957-58	.68	.19	
		1958-59	.74	.15	
		1959-60	.72	.08	
Harry Lutz	Lots 6 to 10 inc. Blk. 37, Irrigon	1955-56	1.66	.72	13.89
		1956-57	1.57	.56	
		1957-58	1.58	.44	
		1958-59	2.01	.40	
		1959-60	2.33	.27	
Fred Cruthers	Lots 7 through 12, Blk. 32, Irrigon	1955-56	2.64	1.15	31.14
		1956-57	3.77	1.34	
		1957-58	3.80	1.05	
		1958-59	4.84	.95	
		1959-60	5.34	.82	
Fred Cruthers	Lots 13 through 24, Blk. 32, Irrigon	1955-56	5.29	2.31	44.07
		1956-57	5.02	1.79	
		1957-58	5.06	1.40	
		1958-59	6.45	1.27	
		1959-60	7.12	.83	
Perry L. McRae and Emma McRae	Por. SE 1/4 SE 1/4 South of Hwy. No. 730 200 ft. by 578.5 ft. Irrigon	1954-55	.59	.30	6.10
		1955-56	.66	.29	
		1956-57	.63	.22	
		1957-58	.64	.18	
		1958-59	.74	.15	
Ida B. Carter	Lot 2, Blk. 7 W., Sec. 24 Twp. 5N R26EWM. Less North 60 ft. Irrigon	1956-57	3.65	1.30	15.98
		1957-58	2.76	.76	
		1958-59	3.48	.41	
		1959-60	3.49	.13	
		1960-61			
J. O. Lower	Lots 1 and 2, Blk. 3, Boardman	1954-55	4.35	2.25	62.92
		1955-56	7.56	3.30	
		1956-57	4.06	1.45	
		1957-58	3.55	.98	
		1958-59	22.03	4.33	
C. E. Berger and Carmen Berger	Lots 10 and 11, Blk. 7, Boardman	1956-57	47.66	17.00	291.78
		1957-58	41.74	11.55	
		1958-59	56.33	11.08	
		1959-60	47.00	5.48	
		1960-61	52.03	1.91	
Monroe Morgan	Lots 15 and 16, Blk. 3, Castle Rock	1954-55	.65	.34	6.76
		1955-56	.71	.31	
		1956-57	.70	.25	
		1957-58	.70	.19	
		1958-59	.80	.24	
Monroe Morgan	Lot 4, Blk. 10, Castle Rock	1954-55	.32	.17	6.28
		1955-56	.71	.31	
		1956-57	.70	.25	
		1957-58	.70	.19	
		1958-59	.80	.24	
Monroe Morgan	Lots 3 to 7 inc. Blk. 11, Castle Rock	1954-55	1.62	.84	8.28
		1955-56	.71	.31	
		1956-57	.70	.25	
		1957-58	.70	.19	
		1958-59	.80	.24	
George W. Allen	Lots 1 and 2 Blk. 11, Castle Rock	1956-57	.70	.25	4.75
		1957-58	.70	.19	
		1958-59	.80	.24	
		1959-60	.85	.10	
		1960-61	.89	.03	
Charles O'Connor and Cosby A. O'Connor	Beg. at the cor. of the South end of D. St. City of Ione, thence W. 140 ft. thence S. 145.6 ft. thence in a Easterly direction about 140 ft. thence N. 132 ft. to p. o. b.	1956-57	10.68	3.81	72.39
		1957-58	11.03	3.05	
		1958-59	12.03	2.37	
		1959-60	12.61	1.47	
		1960-61	14.80	.54	
Adon Hamlett and Eva M. Hamlett	Lots 4 to 7 inc. Blk. 2 Ione	1956-57	140.39	50.08	951.49
		1957-58	144.99	40.12	
		1958-59	198.06	31.09	
		1959-60	165.78	19.35	
		1960-61	194.49	7.14	
John Botts	Shop on Ernest Hellker land Sec. 4 Twp. 1S 24EWM. Ione	1955-56	1.33	.58	10.28
		1956-57	1.21	.43	
		1957-58	1.28	.35	
		1958-59	1.39	.27	
		1959-60	1.46	.17	
Mary E. Coates, Est.	Tract No. 2 comm. 30 ft. N. of the S. E. cor. Sec. 34 Twp. 4S 25EWM. thence W. 35 ft. thence N. to alley between blk. 1 & 4 Ferguson's add. thence S. to P. O. B. Hardman	1956-57	.52	.19	3.75
		1957-58	.54	.15	
		1958-59	.61	.12	
		1959-60	.65	.08	
		1960-61	.86	.03	
M. F. Cork C/O Lilburn Hunt	Beg. at a point on the W. line of Warren St. 340 ft. W. & 171.96 ft. N. of the S. W. cor. of lot 4 blk. 2 Adams add. & running thence N. on S. W. line of Warren St. 70 ft. thence W. 185 ft. thence S. 70 ft. thence E. 185 ft. to P. O. B. tract 7A Hardman	1954-55	14.30	7.39	39.87
		1955-56	2.33	.97	
		1956-57	2.09	.75	
		1957-58	2.16	.60	
		1958-59	2.44	.48	
Arnold Hoffman and Ruth Hoffman	N.W. 1/4, N.W. 1/4, Sec. 23 TWP. 4N 24 EWM Boardman	1955-56	217.50	94.98	51,579.42
		1956-57	113.90	38.37	
		1957-58	215.57	59.60	
		1958-59	230.87	45.41	
		1959-60	258.13	30.12	
1960-61	265.21	9.73			

You and each of you are further notified to appear within thirty days from the date of the first publication of this summons and defend this suit or pay the amount provided by law for the redemption of said properties, and if you so appear you are further notified to serve a copy of your appearance, objections or answer on the undersigned at his post office address as herein below stated.

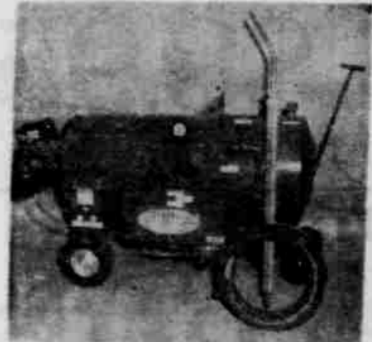
If you fail so to do, judgment and decree will be entered in the above entitled Court foreclosing the liens of said taxes as shown by the said tax foreclosure list, together with interest and all costs as shall be due upon each of such properties. Said judgment and decree will order that the Clerk of this Court shall deliver a certified copy of said judgment and decree to the Tax

Collector of Morrow County, Oregon, and that said judgment and decree shall be considered to all intents and purposes a certificate of sale to the County of each of the properties therein described. And you further are notified that plaintiff will apply to the Court for such other relief as may be just and equitable in the premises.

C. J. D. Bauman, Sheriff and Tax Collector for Morrow County
Robert Abrams, District Attorney for Morrow County, Oregon, and Attorney for Plaintiff.
Post Office Address: Heppner, Oregon.
Date of first publication, Aug. 3, 1961.
Date of last publication, Aug. 24, 1961.

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