

Rufus News

By Mrs. George Fox

Miss Margaret Reil, the Sherman county home extension agent was in Rufus last Thursday to give a lesson on Will Making. The meeting was held at the home of

Mrs. Walter Morris with Mrs. Ethel Bleakman as co-hostess. Miss Reil's talk was very enlightening to most of us and we learned of some of the legal pitfalls which we might be caught in. After lunch the chairman, Mrs. Bert Swigert had charge of the meeting with the secretary, Mrs. Jonn

Jenson helping out. The Rufus unit will display the Will lesson at the Sherman county Festival the end of April. Mr and Mrs Larry Cagle and adopted children, a daughter, Roxanne and a son David of Centralia, Wash., were visitors in the Bob Byrd home last week end.

Mr Cagle is a former high school teacher in Rufus and is now teaching in Centralia Junior college. The Rufus parent teacher social group met at the school lunch room Monday. Mrs. George Jensen opened the meeting with Mrs. Howard Steward acting as secretary in the place of Mrs. Bill Myers who has moved to The Dalles. Mrs. Jensen told that the work day planned for March 30 was postponed on account of the weather and it is hoped all can work Saturday, April 6. Some of the women will plan on serving

southern for the boys. Mr. Pettit announces a photography class on Wednesday at 7:30 p.m. at Rufus school. Roy Gayman announced there is a soft ball game with Wasco on the Rufus field at 12:45 Friday April 5. Mrs. Joe Morris had charge of the ceramics display which was work done under the direction of Dale Campbell, teacher at the Rufus school. The members purchased green ware and worked it down ready to paint. Two leather tool purses were displayed. Four students taking band gave several numbers on their horns. They were Danny Jensen, Shirley and Tommy Morris and Jeanne Gayman.

After raining a good deal of last week the wind blowing and it being cold in general, it was a pleasure to have a lovely day on Tuesday, warm and sunny, the temperature going to 60. The roads were quagmires last Thursday with all the rain that fell and the heavy traffic Scott canyon is getting since Biggs canyon is closed. Sunday afternoon hail fell which was actually as large as hazel nuts. The sight was almost unbelievable. Your correspondent had a notion to gather some of the hail stones and put them in the freezer to prove it was so. I've heard stories of big hail in Nebraska, Iowa and Illinois. Mrs. Eugene Eaton said she thought the children were throw-

New Bees Make Alfalfa Produce

One of Oregon's fastest growing industries has nearly quadrupled its dollar value in the past ten years, thanks to an Oregon State university entomologist who took an interest in a problem bees were having with uncooperative flowers.

The industry is alfalfa seed production. The man whose brain work triggered the boom is Dr. William P. Stephen. The bees who do the flight work are alkali and leaf cutter species. And the stubborn flowers are alfalfa blooms. Put all these together and Oregon emerges as the state leading the nation in average per acre yield of alfalfa seed. Ten years ago, before Stephen went to work on the problem, Oregon growers produced an annual average of 279 pounds of alfalfa seed per acre, which even then was better than the national average of 135 pounds.

But now, Oregon's production has zoomed to 650 pounds per acre, while the national average trails at 198 pounds. Looking at this from a dollar and cent standpoint, the average annual value of alfalfa seed sales in Oregon was \$836,000 between 1955 and 1959. In the most recent year for which figures are available, 1961, alfalfa seed sales returned \$3,301,000 to growers. Continued growth seems certain.

Stephen's work has been concentrated in two counties, Umatilla and Malheur. With his help the average yield per acre in Umatilla jumped from 288 pounds to 525. In Malheur it went from 446 to 780 pounds. The entomologist says there's no reason why his methods can't be used to increase alfalfa seed production in other places as well.

What, exactly, did he do to bring about the upswing? First, he found two kinds of hard headed bees that don't seem to mind the jolt they get from the "tripper" on the alfalfa blossom when they go after the nectar. Then he built homes to their liking near alfalfa fields.

Stephen explained that the alfalfa flower must be tripped for cross pollination. The common honey bee isn't a good alfalfa pollinator because it sneaks in to get the nectar without touching the part of the flower that releases the tripper. Alkali and leaf-cutter bees, on the other hand, don't hesitate to enter the flower normally and trip the tripper—even though it means a knock on the head for them.

Because few alkali and leaf-cutter bees normally live in alfalfa producing areas of Oregon, Stephen had to find a way to make them feel at home there.

The alkali bee doesn't live in a hive. What's more, he's particular about where he builds his nest. The soil must have the right combination of sand, silt and clay; soil moisture must be fairly exact; and the right amount of salt must be present. Few such sites exist naturally near Oregon alfalfa fields.

To solve the problem, Stephen found a way to make artificial bee beds. Growers, county extension agents and organized groups of townspeople cooperated in building such beds—scooping out three foot deep pits, lining them with heavy plastic, filling them with the right earth mixture, and transplanting bee larvae from natural sites. In addition to transplanted bees, more bees are attracted from natural sites.

The leaf cutter bee doesn't live in a hive either. But he's not as particular as the alkali bee about where he does live. He'll nest in wood cracks, nail holes, corrugated cardboard, hollow rubber or metal tubing, stems of pithy plants, etc.—anyplace where the female is protected from the weather.

The leaf cutter has other advantages over the alkali bee. He's easier to colonize artificially he flies longer, and the grower can control the bee's time of emergence to correlate with peak alfalfa bloom.

Stephen's continuing research on bee behavior has revealed these, and other, facts that can be put to work commercially to help Oregon's economy.

NOTICE OF SCHOOL MEETING

Notice is hereby given to the legal voters of Rufus grade school district No. 3 of Sherman County, State of Oregon, that a SCHOOL MEETING of the said district will be held at the school house on the 15th day of April, 1963, at 7:00 o'clock p.m. for the purpose of discussing the budget for the fiscal year beginning July 1, 1963, and ending June 30, 1964 hereinafter set forth.

Schedule I BUDGET—FISCAL YEAR 1963—1964

Summary of Estimated Expenditures, Receipts and Available Cash Balances, and Tax Levies

Estimation of Tax Levy	Total All Funds	General Fund	Bus. Res. Fund	Building Fund	Lunch Fund	Public Law 874 Fund	Pump Res. Fund
1. a. Total Estimated Expenditures	115,413.14	99,250.00		1,050.00	7,350.00	7,763.14	
b. Total Reserved for Expenditure in Future Years	19,219.47		3,429.47	4,890.00	600.00	10,000.00	300.00
c. Total Estimated Expenditures and Reserve DEDUCT:	134,632.61	99,250.00	3,429.47	5,940.00	7,950.00	17,763.14	300.00
2. Total Estimated Receipts and Available Cash Balances	60,665.55	25,282.94	3,429.47	5,940.00	7,950.00	17,763.14	300.00
3. Amount Necessary to Balance the Budget ADD:	73,967.06	73,967.06					
4. Estimated Amount of Taxes That Will Not Be Collected During the Fiscal Year For Which Budget Is Made, Including Estimated Rebate on Taxes	2,219.01	2,219.01					
5. Total Estimated Tax Levies for Ensuing Fiscal Year	76,186.07	76,186.07					
6. Analysis of Estimated Tax Levies (a) Amount Inside 6% Limitation (b) Amount Outside 6% Limitation	76,186.07	76,186.07					

INDEBTEDNESS

1. Amount of bonded indebtedness (Include all negotiable interest-bearing warrants issued under ORS 328.206)

2. Amount of Warrant Indebtedness on warrants issued and endorsed "not paid for want of funds"

3. Amount of other indebtedness

4. Total indebtedness (sum of items 1, 2, 3)

Approved by Budget Committee Approved March 12, 1963 Signed: Ina M. Byrd Secretary, Budget Committee

Leland C. Medler Chairman, Budget Committee

Adopted by District School Board Signed: Jean Brown District Clerk

Geo. L. Fox District School Board Chairman

Schedule II ESTIMATED RECEIPTS AND BEGINNING CASH BALANCES July 1, 1963 to June 30, 1964

Actual Receipts for Two Fiscal Years Next Preceding Current School Year

Fiscal Year Ending June 30, 1961	Fiscal Year Ending June 30, 1962	Budget Allowance Current Fiscal Year	ITEM	Estimated for Ensuing Fiscal Year
21,920.75	22,142.58		10. REVENUE FROM LOCAL SOURCES	
2,027.32	781.79	2,000.00	11.1 District tax received in year levied	
50.00	168.04		11.2 District Tax—prior year's levy	955.00
	4,727.00		14.0 Other	
			Transfer from Bus Reserve	
1,592.93	1,921.40	2,140.00	20. REVENUE FROM INTERMEDIATE SOURCES	
16,229.61	29,831.23		21.0 County School Fund	2,180.00
607.02	579.78		22.0 Rural School Dist' Apportionment	750.00
			22.2 Prior Year's Levies (rural)	
110.69	238.68		30. REVENUE FROM OR THROUGH STATE SOURCES	
11,445.78	13,050.50	14,214.90	31.0 Basic School Support Fund	
75.83	191.18	222.56	(a) Offset Against Tax Levy	
			(b) Other Basic School Fund Receipts	14,145.00
			32.0 Common (irreducible) School Fund	239.80
			49 REVENUE DIRECT FROM FEDERAL SOURCES	
3,309.00	2,500.00		41.0 Public Law 874	
4,500.00	2,500.00		Transfer from Public Law 874	7,763.14
243.75	1,375.21		70 SALE OF IMMOVABLE PROPERTY AND INSURANCE ADJUSTMENTS	
			80-90 RECEIPTS FROM OTHER SCHOOL DISTRICTS	
64,170.50	78,368.74	23,577.46	TOTAL RECEIPTS	25,282.94
14,364.10	18,026.48	6,500.00	BEGINNING NET CASH BALANCE (or Deficit) LESS CASH WORKING FUND	
78,534.60	96,395.18	30,077.46	TOTAL BUDGET RESOURCES GENERAL FUND	25,282.94

Schedule III GENERAL FUND Rufus Grade School District ESTIMATED EXPENDITURES ADMINISTRATION 7-1-63 to 7-1-64

Fiscal Year Ending June 30, 1961	Fiscal Year Ending June 30, 1962	Budget Allowance Current Fiscal Year	ITEM	Estimated for Ensuing Fiscal Year
1,200.00	1,200.00	1,200.00	114 Clerk	1,200.00
25.00	22.10	20.00	120 Supplies	100.00
169.49	208.50	175.00	141 Elections and Publicity	250.00
35.00	366.08	210.00	143 Legal Service	210.00
237.70	223.22	250.00	144 Audit	300.00
5.20		5.00	150 Other Expenses of Administration	10.00
1,677.39	2,019.90	1,860.00	Total Administration Expenses	2,070.00
6,845.00	1,225.00	1,265.00	211 Principals	1,380.00
22,606.29	37,691.41	42,335.00	213 Teachers	48,425.00
	207.50	750.00	214 Sub. Teachers	750.00
450.00	905.00	1,125.00	215 Secretarial and Clerical Assistants	1,350.00
1,853.50	1,220.85	1,600.00	220 Teaching Supplies	2,000.00
880.28	1,469.80	1,200.00	226 Textbooks	2,600.00
			227 Library Books, Periodicals, Audiovisual Aids	1,200.00
242.23	1,378.78	800.00	228 Travel (principal)	300.00
294.00	378.00	300.00	290 Other Expense of Instruction	175.00
99.21	92.71	125.00	Total Expense of Instruction	58,180.00
33,270.51	44,569.05	49,500.00	ATTENDANCE AND HEALTH SERVICES	
19.17	20.51	25.00	420 Supplies	25.00
19.17	20.51	25.00	Total Attendance & Health Service	25.00
3,815.00	2,905.00	2,760.00	510 Salaries	2,760.00
1,317.94	795.44	1,100.00	520 Supplies and Repairs	800.00
	4,726.50		535 Replacement of Vehicles	
1,415.00	1,260.00	1,260.00	536 Contracted Services	1,260.00
250.46	250.78	300.00	552 Transportation Insurance	300.00
8.75	31.00	50.00	570 Other Expense of Transportation	50.00
		200.00	Non-Certified Sick Leave	200.00
6,807.15	9,968.72	5,670.00	Total Pupil Transportation Service	3,370.00
4,500.00	4,257.00	4,500.00	610 Salaries	4,500.00
1,066.72	745.20	500.00	620 Supplies	1,000.00
574.41	1,034.15	1,000.00	628 Fuel for Heat	1,200.00
1,193.77	1,725.08	1,300.00	630 Utilities except Fuel	2,000.00
244.38	1,528.03	1,080.00	612 Sub. Janitor	1,200.00
240.84	315.35	250.00	631 Other Expense of Operation	500.00
7,820.12	9,604.81	8,630.00	Total Operation of Plant	10,400.00
			710 Salaries	200.00
572.27	654.01	500.00	720 Materials and Supplies	800.00
442.07	352.50	200.00	735 Replacement of Equipment	200.00
		1,500.00	736 Contracted Service	3,429.00
1,086.52	3,429.90	2,400.00	737 General Repair	1,800.00
2,100.86	4,796.41	2,400.00	Total Maintenance of Plant	6,500.00
			815 Retirement and SS Expense	3,400.00
2,385.05	3,005.97	3,350.00	832 Insurance	1,800.00
1,575.80	1,576.30	1,940.00	854 Rent	5.00
4.60	4.60	50.00	855 Interest on Current Loans	50.00
3,945.45	4,588.82	5,345.00	Total Fixed Charges	3,255.00
			910 Salaries	4,050.00
2,779.00	3,546.95	3,825.00	922 Supplies	200.00
215.99	19.95	200.00	935 Replacement of Equipment	300.00
	982.55	500.00	Total Food Services and Student Body Activities	4,550.00
2,994.99	4,549.45	4,525.00	1121 Community Recreational Activity	175.00
		175.00	Total Community Services	175.00
			1271 Professional Services for Sites	4,500.00
306.00	2,197.75	500.00	1272 Sites and Site Additions	5,070.80
	2,242.75		1273 Improvement to Sites	300.00
	300.00	1,000.00	1277 Remodeling	700.00
1,566.45	4,945.15	1,000.00	1278 Equipment	2,000.00
	125.47	125.00	1279 Other Expenses	300.00
			Transfer to Pump Reserve	300.00
1,872.45	9,811.12	2,625.00	Total Capital Outlay	3,400.00

dinner to the workers. Mrs. Joe Morris, who is in charge of the Rufus school dance April 27 said the orchestra will play from 9:30 until one. The raffle will be drawn during intermission. The eighth grade room won the count and this is Roy Gayman's room. Mrs. Jack Beers announced there will again be a little league baseball team for the Rufus area. A leader is being sought for the boys.

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