

Trace Elements Not Needed

Addition of boron, copper, manganese and zinc to commercial fertilizers is not recommended as a general practice by soil scientists at Oregon State college.

H. B. Cheney, OSC soils department head, states that applications of these so-called "trace" nutrient elements should be carefully fitted to the established requirements of a crop in relation to the soil and other conditions under which it is grown.

Different kinds of plants vary widely in their requirements for and tolerance of the trace nutrients, Cheney explains. Even small excesses may have highly adverse effects on crop growth and yields.

Present estimates indicate that about 12,000 tons of the trace nutrient elements are used as fertilizer annually. This figure will undoubtedly increase, says Cheney, as soil reserves are depleted by cropping and as areas of deficiency are better recognized. Meanwhile, on the basis of what is now known about the effects of "trace" elements, soil scientists at the college believe it is best to avoid their indiscriminate use in mixed fertilizers.

The "trace" elements should not be confused with calcium, magnesium and sulphur which are widely present in mixed fertilizers and are generally more needed for plant nutrition.

The elements most needed for plant nutrition—nitrogen, phosphorus and potassium—are usually classed as primary plant nutrients. Calcium, magnesium, and sulphur can be described as secondary plant nutrients. Boron, copper, manganese and zinc are referred to as "trace" elements because large quantities are never needed.

BOB HOSKINSON AT CAMP

Robert Hoskinson of Moro is among 283 Oregon State college students in reserve officer training corps attending summer camps this year.

Hoskinson, who is an air force ROTC cadet, reported to McChord air base at Moses Lake, Wash., for a four-week summer camp ending July 17.

A junior at OSC, Hoskinson will be commissioned second lieutenant in the United States air force upon graduation.

FUNERAL SERVICE

... with understanding
... responsible
... reasonable

Smith Callaway CHAPEL

Leonard & Wilma Smith
Phone The Dalles 3135

grain storage buildings



QUONSETS

Navy Surplus
40's & 20's

Limited Supply

AS LOW AS

11c Per. Bu.

Delivers All Material Above Slab

All steel lined. Outside all new steel

MERRELL STEEL BLDG. CO.
2207 N. W. Front
Portland, Ore.

Write or phone:
Fred Ashley
Tygh Valley
Ph. 9F2

Mrs. Dorothy Hellberg and children, Janet and Freddie, were here a couple days of last week to visit her parents, Mr. and Mrs. John Foss. She is teaching school in Portland.

TWO ACHIEVE HONORS and Joseph Fritts of Grass Valley Donna Kay Sparling of Moro have been recognized for their

Such good taste

Memorable meals begin at the market. For good taste at supper, tonight... choose refreshing Olympia Beer, today.



NEW ROYAL TRITON IRA FRIDLEY
Consignee
Wasco, Oregon
5-20 and 10-30
UNION OIL COMPANY
of California
Phone 272



ANNUAL REPORT OF NAOMI VAN GILDER, COUNTY TREASURER OF RECEIPTS AND DISBURSEMENTS FROM JUNE 30, 1953 TO JULY 1, 1954

COUNTY GENERAL FUND	
Cash on hand June 30, 1953	\$ 19,935.47
Rec'd from Tax Segregations	56,189.64
Rec'd from County Clerk - Clerk's Fees	1,694.20
Rec'd from R. O. Scott, Justice of the Peace - Fines	750.50
Rec'd from P. M. A. - Rent	300.00
Rec'd from Clerk - Game License Fees	63.50
Rec'd from County Clerk - Beer Licenses	25.00
Rec'd from State Welfare Commission - Refund	2,193.43
Rec'd from County Sheriff - Wasco Electric Tax	1,656.71
Rec'd from State Retirement Clerk - Refund	956.87
Rec'd from Miscellaneous Small Receipts	159.61
Warrants paid on County General Fund	\$ 60,668.48
Cash on hand June 30, 1954	\$ 23,255.45
	\$ 83,923.93
	\$ 83,923.93
SPECIAL ESCHEATS FUND	
Cash on hand June 30, 1953	\$ 170.06
Cash on hand June 30, 1954	\$ 170.06
	\$ 170.06
	\$ 170.06
SHERMAN COUNTY AMBULANCE FUND	
Cash on hand June 30, 1953	\$ 55.00
Rec'd from contribution - Mrs. L. L. Bell	8.99
Rec'd from contribution - Orlov Martin	50.00
Paid Wasco Pharmacy - First Aid Kit	\$ 25.00
Paid Moon Hardware	3.95
Cash on hand June 30, 1954	85.04
	\$ 113.99
	\$ 113.99
GENERAL ROAD FUND	
Cash on hand June 30, 1953	\$ 2,605.99
Rec'd from Tax Segregations	40,219.99
Rec'd from Secretary of State - Motor Vehicle	21,522.96
Rec'd from R. O. Scott, Justice of the Peace - Fines	2,272.50
Rec'd from Rent of Equipment	838.00
Rec'd from Sale of Material	150.18
Rec'd from Secretary of State - Gas Refund	713.88
Rec'd from Sale of Gravel	375.00
Rec'd from Secretary of State - One-twentieth Mill Tax	327.26
Rec'd from K. A. Dunlap - Refund	864.59
Rec'd from Transfer from Revolving Fund - Order of County Court	5,457.10
Rec'd from Transfer from 1952-53 Special Tax - Order of County Court	472.13
Rec'd from Miscellaneous Small Receipts	131.46
Paid Warrants on General Road Fund	\$ 58,429.91
Transfer to Macadam Road Fund	3,000.00
Cash on hand June 30, 1954	14,521.13
	\$ 75,951.04
	\$ 75,951.04
MACADAM ROAD MAINTENANCE SINKING FUND	
Cash on hand June 30, 1953	\$ 3,000.00
Rec'd from General Road Fund - Budget Item	\$ 3,000.00
Cash on hand June 30, 1954	\$ 6,000.00
	\$ 6,000.00
	\$ 6,000.00
REVOLVING FUND - ROAD FUND	
Cash on hand June 30, 1953	\$ 5,067.95
Rec'd from Sale of Gravel	389.15
Transferred to General Road Fund - Order of County Court	\$ 5,457.10
	\$ 5,457.10
	\$ 5,457.10
SPECIAL ROAD TAX - 1952-1953	
Cash on hand June 30, 1953	\$ 14,999.38
Rec'd from Tax Segregations	433.69
Warrants paid on Special Road Tax Fund	\$ 14,960.94
Transferred to General Road Fund	472.13
	\$ 15,433.07
	\$ 15,433.07
SPECIAL ROAD TAX - 1953-1954	
Rec'd from Tax Segregations	\$ 65,465.93
Rec'd from Sale of Gravel	713.75
Rec'd from Transfer 1952-53 Special Road Tax Fund	32.33
Warrants paid on Special Road Tax 1953-54	\$ 31,971.78
Cash on hand June 30, 1954	24,240.23
	\$ 56,212.01
	\$ 56,212.01
NON-HIGH SCHOOL DISTRICT FUND	
Cash on hand June 30, 1953	4,236.10
Rec'd from Tax Segregations	1,198.73
Rec'd from Secretary of State - Basic School Fund Support	4,332.77
Rec'd from Rural School District	4,698.52
Rec'd from County School Supt. - Sale of Car	160.00
Warrants paid on Non-High School District Fund	\$ 4,692.51
Cash on hand June 30, 1954	9,843.61
	\$ 14,536.12
	\$ 14,536.12
COUNTY PER CAPITA SCHOOL FUND	
Cash on hand June 30, 1953	\$ 463.57
Rec'd from Tax Segregations	4,997.56
Warrants paid on County Per Capita School Fund	\$ 5,014.20
Cash on hand June 30, 1954	446.93
	\$ 5,461.13
	\$ 5,461.13
STATE SCHOOL FUND	
Cash on hand June 30, 1953	\$ 380.72
Rec'd from Secretary of State	406.12
Warrants paid on State School Fund	\$ 783.84
Cash on hand June 30, 1954	3.00
	\$ 786.84
	\$ 786.84
RURAL SCHOOL DISTRICT FUND	
Cash on hand June 30, 1953	\$ 4,160.90
Rec'd from Tax Segregations	242,583.14
Rec'd from Wasco County - Joint District	640.91
Paid School District and Non-High School District	\$ 242,670.69
Cash on hand June 30, 1954	4,714.26
	\$ 247,384.95
	\$ 247,384.95
SPECIAL SCHOOL DISTRICTS	
Cash on hand June 30, 1953	\$ 527.83
Rec'd from Tax Segregations	25,127.45
Paid Warrants of Special School Districts	\$ 25,374.82
Cash on hand June 30, 1954	280.46
	\$ 25,655.28
	\$ 25,655.28

outstanding scholarship by being listed on the spring term honor roll at Oregon State college. Miss Sparling, graduating senior in education, and Fritts, freshman in agriculture, both earned grades of 3.5 or better on the basis of an A equaling 4 points.

Civil Engineering
Land Surveying
WALL & TENNESON
Phone 5636, The Dalles
908 1/2 E. 2nd St.

Mortgage Loans To Meet Your Individual Needs
ATTRACTIVE TERMS
PROMPT SERVICE
Standard Insurance Co.
A western company serving western agriculture
HOME OFFICE
812 S. W. Washington Portland, Oregon
Phone ATwater 4331

DISTRICT NO. 7 - BUILDING FUND	
Rec'd from Sale of Bonds and Premium	\$ 95,414.93
Warrants paid on Building Fund	\$ 93,739.76
Cash on hand June 30, 1954	1,675.17
	\$ 95,414.93
	\$ 95,414.93
DISTRICT NO. 7 - BOND & INTEREST	
Rec'd from Clerk of District No. 7	\$ 11,985.00
Paid Coupons	\$ 1,493.75
Cash on hand June 30, 1954	10,491.25
	\$ 11,985.00
	\$ 11,985.00
CITY OF MORO	
Rec'd from Tax Segregations	\$ 10,460.67
Warrants Paid	\$ 10,187.71
Cash on hand June 30, 1954	272.96
	\$ 10,460.67
	\$ 10,460.67
CITY OF WASCO	
Rec'd from Tax Segregations	\$ 5,216.03
Warrants paid City of Wasco	\$ 4,975.90
Cash on hand June 30, 1954	240.13
	\$ 5,216.03
	\$ 5,216.03
CITY OF GRASS VALLEY	
Cash on hand June 30, 1953	\$ 33.73
Rec'd from Tax Segregations	1,790.35
Warrants paid City of Grass Valley	\$ 1,744.49
Cash on hand June 30, 1954	79.59
	\$ 1,824.08
	\$ 1,824.08
LAW LIBRARY FUND	
Rec'd from County Clerk - Probate Fees	\$ 54.39
Cash on hand June 30, 1954	\$ 54.39
	\$ 54.39
	\$ 54.39
COUNTY FAIR FUND	
Cash on hand June 30, 1954	\$ 873.37
Rec'd from Secretary of State - Racing Fees	12,417.53
Rec'd from Secretary of State - One-twentieth Mill Tax	423.67
Rec'd from County General Fund - Budget Item	2,000.00
Rec'd from Fair Association - Sale of Paint	412.50
Rec'd from 1953 Fair - Gate	1,091.15
Rec'd from 1953 Fair - Grandstand	2,992.85
Rec'd from Fair - Dance	623.80
Rec'd from 1953 Fair - Entries, Concessions	298.50
Rec'd from 1953 Fair - Advance Concession	5.00
Rec'd Miscellaneous	28.49
Warrants paid on County Fair Fund	\$ 16,048.70
Cash on hand June 30, 1954	5,018.16
	\$ 21,066.86
	\$ 21,066.86
TAYLOR GRAZING ACT FUND	
Cash on hand June 30, 1953	\$ 1,401.35
Rec'd from Secretary of State	759.42
Rec'd from Secretary of State - One-twentieth Mill Tax	1,000.00
Rec'd Transfer from Bond & Interest Fund - Bonds	206.48
Rec'd Transfer from Bond & Interest Fund - Interest	\$ 3,367.25
Cash on hand June 30, 1954	\$ 3,367.25
	\$ 3,367.25
	\$ 3,367.25
TAYLOR GRAZING ACT WAR BOND ACCOUNT	
Bonds and Interest on hand June 30, 1953	\$ 1,176.48
Rec'd Interest on Bonds	30.00
Transferred to Taylor Grazing Act Fund	\$ 1,206.48
	\$ 1,206.48
	\$ 1,206.48
COUNTY DOG TAX FUND	
Cash on hand June 30, 1953	\$ 20.36
Cash on hand June 30, 1954	\$ 20.36
	\$ 20.36
	\$ 20.36
ADVANCE TAX FUND	
Cash on hand June 30, 1953	\$ 3.06
Rec'd from County Assessor	294.04
Cash on hand June 30, 1954	\$ 297.10
	\$ 297.10
	\$ 297.10
STATE MALT BEVERAGE FUND	
Rec'd from Secretary of State - Tax on Alcoholic Beverages	\$ 1,215.44
Rec'd from Secretary of State - Tax on Malt Beverages	242.00
Rec'd from Secretary of State - Tax on Amusement Devices	86.01
Cash on hand June 30, 1954	\$ 1,543.54
	\$ 1,543.54
	\$ 1,543.54
SHERIFF'S UNSEGREGATED TAX ACCOUNT	
Rec'd from Sheriff	\$ 443,648.79
Apportioned to Funds	\$ 443,648.79
	\$ 443,648.79
	\$ 443,648.79
TAX FORECLOSED PROPERTY	
Cash on hand June 30, 1953	\$ 63.00
Rec'd from Sale of Property	62.50
Cash on hand June 30, 1954	\$ 125.50
	\$ 125.50
	\$ 125.50
TAX SEGREGATION	
County General Fund	\$ 23,255.45
Special Escheats Fund	170.06
Sherman County Ambulance Fund	85.04
General Road Fund	14,521.13
Macadam Road Maintenance Fund	6,000.00
Special Road Tax 1953-1954	24,240.23
Non-High School District Fund	9,843.61
County Per Capita School Fund	446.93
State School Fund	3.00
Rural School District Fund	4,714.26
Special School Districts	280.46
District No. 7 - Building Fund	1,675.17
District No. 7 - Bond & Interest Fund	10,491.25
City of Moro	272.96
City of Wasco	240.13
City of Grass Valley	79.59
Law Library Fund	54.39
County Fair Fund	5,018.16
Taylor Grazing Act Fund	3,367.25
County Dog Tax Fund	20.36
Advance Tax Fund	297.10
State Malt Beverage Fund	1,543.54
Tax Foreclosed Property Fund	125.50
	\$ 106,745.57
	\$ 106,745.57

Sherman Branch The First National Bank
\$ 106,745.57
\$ 106,745.57

State of Oregon)
County of Sherman) ss
I, Naomi Van Gilder, County Treasurer of Sherman County, Oregon, do hereby certify that the foregoing is a true and correct statement of receipts and disbursements and balances of funds of Sherman County, Oregon, for the period ending June 30, 1954 as appears upon the receipts of my office and in my official custody as such Treasurer.
Witness my hand this 7th day of July, 1954
Naomi Van Gilder
Sherman County Treasurer

(SEAL)
Marie Hoskinson
County Clerk
By Catherine L. Monroe, Deputy