

## ORDER OF BUSINESS

- I ROLL CALL
- II READING OF MINUTES
- III DIRECTOR'S REPORT
- IV REPORTS OF COMMITTEES
- V NEW BUSINESS

### INDEX

Director's Report -----	Page 1 and 2
Exhibit A:	
F.L. Lathrop's Report to State Board of Control	
	Pages 3 to 7 inc.
" " " " Financial Analysis	
	Pages 8-14 inc.
Director's criticism of F.L. Lathrop's report	
	Pages 15 to 18 inc.
Statement of employees in re Mr. Lathrop's attitude	
	Pages 19 to 21 inc.
Director's report to State Board of Education	
	Pages 22 and 23
Exhibit B: - -----	Page 24
Exhibit C: - -----	Pages 25 to 33 inc.



San Luis Obispo, California.  
August 13th, 1918.

Board of Trustees  
California Polytechnic School,  
San Luis Obispo, California.

Gentlemen:

#### I State Fair

The Director requests instruction from the Board as to attendance at the State Fair this year.

#### II Uniforms and Military Personal

(a) The Olive Drab Uniform worn this year will cost between \$35.00 and \$40.00 and the Kahki \$15.00 to \$20.00. What is to be the Board's Policy in respect to the type of uniform for the coming year.

(b) Personnel of Military Department.

#### III Board of Control Inspector Lathrop's Report

The Director reports that the State Board of Control called Trustees Mc Neil and Shipsey to Sacramento on the following matters which are brought to the Board's attention

(a) Inspector Lathrop's report a copy of which with a criticism by the Director and such other data as was thought of interest is attached as exhibit (A)

(b) Removal of California Polytechnic School from San Luis Obispo and student directory.

(c) Repairing of present Buildings

(d) Attorney General's opinion on sale of land to Richard Berry.

(e) Attorney General's opinion on sale of Minerals to J. Gibson etc.

(f) Letters from State Board of Control on Printed Forms

(g) Transportation of students from Atascadero.

#### IV Faculty Appointments and Resignations

(a) The following resignations are presented;

George A. Todd, instructor in Carpentry, salary \$1500.00 effective July 1st 1918. Mr. Todd signed his contract for the year of 1918-19.

(b) The request of P.A. Greenamyer instructor in science for a year's leave of absence is presented for confirmation. The Finance Committee having already approved same.

(c) The resignation of M. Grace Rowe is presented effective July 10th, 1918. Miss Rowe accepted appointment for the year of 1918-19 as instructor in Household Arts. The reason given is that this school is not on the teachers' pension list.

(d) The name of Miss Mabel Fern Jones is presented for confirmation as assistant instructor in Household Arts at a salary of \$1550.00 beginning with July 1st 1918 and ending with June 30th 1919. This appointment is approved by the Finance Committee.

(e) The matter of a substitute for P.A. Greenamyer will be taken up orally.

(f) The matter of a teacher for the Carpenter Shop will be taken up orally.

(g) The matter of a teacher for the Machine Shop will be taken up orally.



V    Bad Accounts

The Board of Control Auditor recommends that a resolution be passed cancelling those claims listed in exhibit B.

VI Budget.

The attached data as exhibit C is self explanatory and for use in making up of the Budget.

Respectfully Submitted

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Secretary.



UNIVERSITY OF CALIFORNIA  
COLLEGE OF AGRICULTURE  
AGRICULTURAL EXPERIMENT STATION  
BERKELEY

August 1st, 1918.

California Polytechnic School,  
San Luis Obispo, California.

Gentlemen:

At the request of the State Board of Control,  
Mr. Lathrop is detailed to make a report on agricultural operations at your school under my direction. I am enclosing a copy of the report returned to the Board for your information. I trust you will find something of value in its contents.

I may add that Mr. Lathrop is no longer connected with this office and such work as he may do hereafter will not be under our auspices.

Very truly yours,

(signed) R.L. Adams,

FARM MANAGEMENT.

*Exhibit "a"*



REPORT ON AGRICULTURAL OPERATIONS OF CALIFORNIA POLYTECHNIC SCHOOL  
SAN LUIS OBISPO, CAL.

Reported by F.L. Lathrop

July 13th-18th 1918.

1. This agricultural and trade school owns 311 acres of land and the water rights on 600 acres additional, divided as follows.
- |                                |                    |
|--------------------------------|--------------------|
| Buildings and grounds          | 100A               |
| Grazing land                   | 75A                |
| Orchard                        | 3A                 |
| Grain hay                      | 79 $\frac{1}{2}$ A |
| Miscellaneous cultivated crops | 53,3/4A            |
2. In addition to this in January last, the school acquired deed to 625 acres adjoining known as the Johnson ranch, paying \$56,000. This property lies on both sides of Steiner Creek and the riparian rights thus obtained are quite valuable and are enough for irrigating a portion of this ranch enough for irrigating a portion of the school farm, for domestic use and fire protection. There is an appropriation of \$85,000 for the development of this complete system of water supply. The carrying out of this development work is in charge of the State Engineering Department, but no actual work has as yet been started.
3. The Johnson ranch consists of about 100 acres of good land which can be irrigated, 250 acres more which is tillable, and 275 acres of grazing land. A large portion of this is tenanted until October 1st, and is in beans, hay and pasture. Mrs. Johnson, an elderly lady, has use of house and family orchard until her death.
4. The present crop situation is:- On school property 30 acre grain hay producing about 35 tons now in shock; 15 acres of corn for ensilage
- (3) some very good and rest fair crop; about 10 acres of sudan grass
  - (4) planted under conditions which prevented any possibility of successful
  - (5) cropping. 1,1/2 acres of onions and potatoes of doubtful value and
  - (6) perhaps an acre of beans showing very good growth. On the Johnson
  - (7) ranch tenant has about 30 acres in beans which show a very good growth
  - (8) and about 80 acres of hay; the school has 50 acres of hay producing
  - (9) about 40 tons of grain hay; now in shock. 30 acres of the best bottom
  - (10) land along the creek was developed this spring for alfalfa. This
  - (11) development work was well planned in a system 30' wide strip checks.
  - (12) The rough grading was well done but the condition of the coarse, loose,
  - (13) dry soil prevented careful final trimming of the checks or any chance
  - (14) of getting successful stand of alfalfa; but nevertheless was planted
  - (15) as late as May 14th under these unfavorable conditions. Further
  - (16) preparation of seed bed and replanting will now have to wait for
  - (17) water from the irrigating system or fall rain. Unevennesses must
  - (18) be corrected by careful final levelling of these checks; making the
  - (19) borders uniform and the preparation of a perfect seed and root bed.
  - (20) If fall conditions are not favorable, seed bed preparation and
  - (21) and replanting must be postponed until after the last frost
  - (22) in the spring.
5. The small adjoining farm has a very fine field of alfalfa and at the date of this visit was cutting the 4th crop; a very fine heavy one, running about 2,1/2 tons to the acre. This is six years old and fall planted.



6. On completion of irrigation system and water under perfect control all of the land which can be irrigated is capable of high production of alfalfa, corn, beans, beets, etc. In orchard crops walnuts, almonds, apricots and prunes seem to do best. Some of the hayland is very shallow and underlaid with solid rock.
7. No vegetables are grown with the exception of small plots used for student instruction.
8. The old orchard has only a few trees and with the exception of two large walnut trees is practically worthless. The young small orchards of mixed fruits has been producing some fruit for a couple of years. The apricots, plums and prunes, seem to do the best. There are no orchards in the neighborhood of any considerable size. Walnuts seem to do very well wherever found.

#### STABLE

9. The stable at present consists of 30 head, nearly all purebred Percherons and Clydesdales. Stallions, mares and colts are all very fine individuals and very well cared for in spite of the unsuitable housing facilities provided. During the last fiscal year one stallion was traded for a better one and 250 dollars was paid by the school to make the trade. One mare was sold for \$400. \$110 cash and a \$290 power spray on truck to the California Spray Chemical Co. The striking features of this department are; first, that it costs \$250 per head per year to feed and care for them; second that only \$1656 worth of horse labor was furnished to all the departments, which means very expensive idle time; third, only two colts from 13 brood mares were raised last year; fourth there is also a very fine pacing stallion (Mona Ansel) recently brought to the school. I find no record of this purchase but its presence is explained as being loaned with a possibility of future acquisition; fifth, the inventory valuations were raised from \$5905 Dec. 31st 1916 to \$13,260 July 1st 1917; six months later with only one additional colt.
10. The management desires to sell all of the Percheron stallions but one and the four Clydesdale mares and one stallion together. The rest of the horses being needed for farm and institution work and would be sufficient to handle the necessary farm work if a 45 h.p. Holt caterpillar could be purchased to do the soil culture work when speed and lots of power are required to handle this type of soil in its proper moisture condition.
11. There is an appropriation of \$4,000 for a new stable which has never been used because it is the desire of the management to get another appropriation large enough to build new group of buildings for stable dairy and hogs together in a new location.
12. SWINE: The hogs are purebred Berkshire and Poland China kept for student instruction and sale of purebred breeding stock. This department is well provided with housing facilities, equipment and large corrals. These, however, are not kept in repair. The present herd consists of 75 head for the most part very good individuals in fine condition. 45 head of registered stock were sold to the public; 8 registered gilts to students for pig club contest and 13 were butchered making a total of 66. There was a decrease in inventory of 8 head which makes a net increase for the year of 58 head. This is only 32% of what it should be.



which

13.

The financial loss of this department is heavy indicates the inadvisability of raising hogs for sale on entirely bought feed; particularly as no swill comes from the cafeteria dining room. I would recommend reducing this herd at once to the few that may be necessary for student instruction until such time as most of the feed can be raised on the farm or a time when the management is willing to utilize cheap waste feeds from town such as garbage from hotel and restaurants and large quantities of buttermilk and skimmilk which Mr. Bailey of the Los Angeles Creamery tells me he will gladly sell to this school for 5¢ for ten gallons which is an exceptional opportunity. The management however, do not desire to avail themselves as it involves some additional labor and inconvenience. There has been no cholera in the herd for some years past. There are five old boars which have served their usefulness here and six full grown young boars for sale and effort should be made for their early disposal. While I was there one sow farrowed six pigs in the pasture some distance from the hog shed and two were lost before they could be taken to their pens. A preventable loss.

14.

#### POULTRY

This department is small and consists at present of 10 Buff Orphington, 34 Anconan, and 111 white leghorns. While eggs and fowls have been marketed at high prices the department is too small to be profitable; but even at that one would hardly expect to find an operating net loss greater than total production and sales combined.

#### DAIRY

15.

The dairy herd is purebred Holstein and purebred Jersey registered stock, consisting of 41 head at present; 14 cows milking, 8 dry cows and heifers 2 aged bulls, 3 younger bulls of servicable age, 3 yearling stags and 11 head of young stock. With the exception of 1 injured heifer that should be killed at once the entire herd is in fine condition, well fed and cared for.

16.

The buildings are modern, ample, well equipped and cared for. The last of the years' silage was just being fed and was still a very fine quality. The cows are pastured on the hills back of the dairy for four or five months each year or as long as feed is available. No alfalfa hay or root crops are raised, corn being the only farm product raised for the dairy.

17.

At all times of the year milk and cream are both sold locally at retail and to the Los Angeles Creamery. The practice of selling whole milk to a creamery on butterfat basis is not the best practice. It would be more profitable to sell the cream and feed the skim to the hogs. The natural increase for the year was 15 calves. A careful study of the individual milk production records for the last 18 months indicates some good cows but often too rapid decline in yield indicating that the cows are not persistent milkers or are too long a period without sufficient time dry before calving for best results.

18.

Until such time as the farm is developed to raise more dairy feeds and the needs of the school are larger, I recommend disposing of all of the dairy stock excepting a few dairy types that may be most useful for student dairy instruction and to provide a very small amount of milk and cream needed for the dining room; discontinuing entirely the raising of purebred stock for sale and the operating of a dairy to sell milk products to private parties which in the past has been very unprofitable.



19. A herd was tuberculine tested in May and the entire herd was found entirely free from this disease.
20. With the last three named departments reduced in size and located as they are, one man could easily care for all of them.
21. I recommend that no live stock be kept except what is found necessary for student instruction and farm work and that no attempt be made to raise pure-bred stock or product to sell.
22. This being an agricultural school I hesitate to make the foregoing recommendations but my financial analysis permits of no alternative.
23. The school's enrollment was 150 boys and 50 girls. Only about 30% of the boys taking farm courses; 25 to 30 boys living at the school.
24. In order to form a better idea of the possibilities of the school's future farming activities, I made two trips around the neighborhood within six miles of the school and found on similar soil and conditions very fine crops of beans alfalfa, fruits, walnuts and vegetables.
25. To give a comparison in value, I found a Japanese vegetable garden of 16 acres with 22 kinds of vegetables in splendid condition. The land was worked continuously without manure or other fertilizer for five years and has produced two and three crops successively in yearly rotation. He operates pumps for water, hires Japanese help at \$75 a month and board and pays \$50 a year per acre cash rental and clears \$100 per acre per year selling locally at wholesale prices.



# CALIFORNIA POLYTECHNIC SCHOOL

San Luis Obispo.

Condensed Financial Summary

Fiscal Year 17-18

	Cost of Production	Value of Product	Profit	Loss
Dairy	8677.18	4119.72		4557.46
Swine	3004.18	2140.39		863.79
Poultry	1642.58	705.92		936.66
Stable	7558.19	2269.15		5289.04
Farm	4629.93	5964.99	1335.06	
	\$25512.06	15200.07	\$ 1335.06	\$11646.95
				Net loss \$10311.89

The agricultural activities of this Institution, dairy, swine, poultry, stable, field, orchard and stable from the use of 211 acres of land and the farming facilities at hand; with the expenditure of \$16,594.75 cash spent for payroll, feeds and supplies, furnished food products to school, \$2,270.14 and sales to the extent of \$5,788.88 or a net loss to the Institution for these activities of \$9,991.23.

	Value of Product			Inventory	
	Cash paid for labor, feed, splies	To School	Sales	Increase	Decrease
Dairy	4714.89	569.51	2849.11		1530.
Swine	2258.57	333.56	1806.83		290.
Poultry	1372.01	268.49	437.43		185.50
Stable	5077.22	45.80	612.90		200.
Farm	3172.06	1052.78	82.61	750.00	
Total	16594.75	2270.14	5788.88	750.00	2205.50
	6603.52		2270.14		750.00
	9991.23 Net Loss		8059.02		1455.50
			1455.50		Net-de-
			6603.52		crease
			Total value		



CALIFORNIA POLYTECHNIC SCHOOL  
SAN LUIS OBISPO.

P O U L T R Y

Financial Summary Fiscal Year 1917-1918.

Cost of Production				Value of Product			
Quantity	Item	Rate	Amount	Quantity	Item	Rate	Value
500#	Feed bought		5.00	520 $\frac{1}{2}$ dz.	To Dining-room		216.99
10294#	Straw		320.44	237 $\frac{1}{2}$ #	Eggs		51.50
	Millfeed				Fowls		
1709#	Feed raised		42.72	567dz.	Sales		201.95
227#	Barley		7.95	773 #	Eggs		194.28
	Wheat			43	Fowls		41.20
	Labor				Hens & Roosters		
	Paid		711.00				705.92
	Student Paid		16.35		Net Loss		936.66
	Interdepartment		23.60				1642.58
	Horse		10.80				
	Auto		42.00				
	Miscellaneous						
	Medicine		4.75				
	Tools &		22.15				
	Supplies -water		12.00				
	Elec.		180.00				
	Fuel		25.19				
	Eggs Hatching		13.00				
	Interdept.						
	Supplies & Repairs		20.13				
			\$1457.08				
	Inv. decrease		185.50				
			\$1642.58				

I N V E N T O R Y

July 1, 1917

July 31, 1918.

320	Hens & Pullets	50	160.00	115	Hens & Pullets	50	57.50
12	Roosters	50	6.00	5	Roosters	50	2.50
300	Baby chicks	30	90.00	35	Large chicks	30	10.50
632			256.00	155			70.50
					Inv. Decrease-----		185.50
							256.00



CALIFORNIA POLYTECHNIC SCHOOL  
San Luis Obispo, Cal.

FISCAL YEAR 17-18

Detail of Dairy Credits

Local Sales

6121 Qts. of Milk 6 to 8¢	\$ 440.24	
34 " " Cream	<u>8.80</u>	\$ 449.04

To Dining Room		
207 $\frac{1}{4}$ Qts. of Cream	102.35	
2551 Gal. of Milk	<u>328.58</u>	430.93

To Dairy Instruction

Cream	782.	
Milk	<u>206.</u>	988.88

To Los Angeles Creamery

3444 Gal. Milk butterfat basis	1153.6	600.07
2292 Lbs. Cream " "	1068.2	511.94

To Calves

Whole Milk & Skim	<u>\$ 595.54</u>	
		\$2551.40



CALIFORNIA POLYTECHNIC SCHOOL  
San Luis Obispo.

Financial Summary  
Fiscal Year 1917-1918.

S W I N E

Cost of Production

Value of Product.

Quantity	Item	Rate	Amount	Quantity	Item	Rate	Value
38,161#	Feed bought				To dining room		
121	Barley		972.33	19841#	Pork		333.56
600	Corn		5.44		13 hogs		
4,185	Bran		12.24		Sales		
61T	Mid.		107.33		Sows & Boars		
	Alfalfa hay from dairy		151.56	45	reg. stock		1668.92
	Feed raised				sows to students		
7,483#	Corn fodder		33.67	8	pig club		116.26
7,685	Oat hay		106.72		board service		12.50
	Swill very little				M T Sacks		9.15
	skimmilk		23.66				2140.39
	Labor				Net loss		863.79
	paid		960.00				3004.18
	Interdept. labor		20.00				
	horse		120.00				
	Auto		42.00				
	Miscellaneous						
	tools & supplies		28.53				
	Water		24.00				
	Vet. & disenfectant		40.95				
	reg. fees		18.75				
	Hog crates		14.70				
	" troughs & repairs		32.30				
			2714.18				
			290.00				
	Inventory decrease/						
			3004.18				

I N V E N T O R Y

July 1, 1917.

July 31, 1918.

9	Boars	620.00	11	Boars	50	550
12	Sows	900.00	11	Sows	50	550
19	Shoats	700.00	12	Gilts large	40	480
36	pigs	360.00	30	shoats	20	600
			11	pigs	10	110
			75			2290
83		2580.00				290
				Inv. decrease		\$2580



CALIFORNIA POLYTECHNIC SCHOOL  
San Luis Obispo.

Financial Summary  
Fiscal Year 17-18

S T A B L E

Cost of Production				Value of Product			
Quantity	Item	Rate	Amount	Quantity	Item	Rate	Value
	Labor				Sales		
	Paid		1176.77		Service fees		144.
	Auto		24.		Premium Fair		50
	Feed bought				Mare-Dolly Grey)		400
14 T	Alfalfa hay		267.47	1	110 cash 290 for)		
69 T	Oat		2065.63		Power spray		
14438	Barley		368.94		Horse Hire		18.90
	Feed raised						
	Pasturage		100.				
644	Oats		17.07		Interdepartment		
95 T	Grain Hay		2163.90		Chgs. for horse		
	Misc.				Labor		
	Shoeing paid		26.36		Farm		1457.58
	Tools & Repairs		26.80		Dairy		147.78
	Supplies		168.07		Swine		4.20
	Vet & Medicine		166.15		Schools & Grs.		45.80
	Stud License		15.00				2269.35
	Show & State Fair		276.14		Net Loss		5289.94
	Reg. Fees		14.00				7558.19
	Payment on Trade						
	of stallion		250.00				
	Interdept. charges						
	Water		12.00				
	Expense		42.30				
	Labor-Blacksmith		178.65				
			7358.19				
	Inv. decrease		200.00				
			7558.19				

I N V E N T O R Y

July 1, '17

July 1, '18.

1	Stallion	2500	1	Stallion	2750
3	" 3 yrs	3000	3	"	3000
1	" 2 yrs	2000	1	"	2000
13	Brood mares	5200	11	Brood mares	4400
1	" 3 yrs	30	1	"	30
1	Gelding	100	1	Gelding	100
3	Colt 1 yr.	300	3	Colt 2 yr.	450
1	Feed horse	30	1	Feedhorse	30
2	Colt suckling	100	2	Colts weaned	200
		13260	2	" suckling	100
					13060
				Net Decrease	200
					\$13260



CALIFORNIA POLYTECHNIC SCHOOL  
San Luis Obispo, Cal.

Financial Summary  
Fiscal Year 17-18

D A I R Y

Cost of Production

Value of Product

Quantity	Item	Rate	Amount	Quantity	Item	Rate	Value
666							
138½ T	Feed Bought		2583.31				
15590	Alfalfa hay		401.45	12357	Gal. Milk	20¢	2551.40
1 T	Barley		80		See detail		
	Cottonseed				Attached		
	(From Inventory)				Beef		128.70
100½ T	Feed raised		1005.00	1980	To Dining Rm		
17¼ T	Corn silage		376.72	2	Bulls Young		250
15½ T	Grain Hay		139.55		Sales		
	Corn Fodder		150	3	Calves		34.86
	Pasturage		549.54	9	Cows		916.28
	Calf milk			2	Hides		18.15
	Labor			122	MT Sacks		9.37
	Paid		1097.32	284	Beef	10¢	28.40
	Students Paid		107.73		Service Fees		31.00
	Interdepartment				Interdept. Ch		
	Labor		63.70		Alfalfa Hay		151.56
	Horse		147.78		To hogs		4119.72
	Auto		90.00		Net loss		4557.46
	Misc. Elec.		17.10				8677.18
	Dairyman suits		15				
	Laundry		85.89				
	Water		24.				
	Vet. & Med.		22.40				
	Supplies		54.30				
	Tools & Repairs		30.37				
	Rec. fees		87.75				
			7147.18				
	Inv. Decrease		1530.				
			8677.18				

I N V E N T O R Y

July 1, '17

July 1, '18

Registered Holstein and Jerseys

2	Bulls ages	750	2	Bulls	450
3	"	400	3	"	450
16	Cows	2740	14	Cows milking	150 2100
16	Heifers 2 yrs.	1640	3	" dry	150 450
1	" 1 "	100	5	Heifers	100 500
5	Calves	400	4	"	75 300
			6	Calves	25 150
43		6030	3	Stag	30 90
			1	Injured Hef.	10
					4500
				Net decrease	1530
					6030



CALIFORNIA POLYTECHNIC SCHOOL  
San Luis Obispo, Cal.

FARM & ORCHARD

Financial Summary Fiscal Year 1917-1918.

Cost of Production				Value of Product.			
Quantity	Item	Rate	Amount	Quantity	Item	Rate	Value
	Labor				To Dining Room		
	Paid		779.24	880#	Apples		13.70
	Supt.		825.80	391#	Beans		39.10
	Interdept. labor		146.30		Sales		
	Horse		1457.87	981#	Apples		18.85
	45 Holt Cater-						
	Pillar main-		272.21	1125#	Apricots		27.52
	tenance loaned)			42#	Peaches		1.24
	Auto		60.00	1422#	Pears		25.25
	Miscellaneous			458#	Plums		9.75
1000#	Al. seed		200.00		To stable		
10195#	Barley seed		261.72	644#	Oats		17.07
450#	Corn "		29.25	95 T	Grain hay		2163.90
	Potatoes		15.75		To Dairy		
	Water		22.00	17 1/2	Grain hay		376.72
	Supplies		13.90	100 1/2 T	Corn silage		1005.00
52-1/3T	Baleing hay	2.50	130.92	15 1/2 T	" fodder		139.55
	Powder		21.99		To Poultry		
	Tools & Repairs		150.62	1709#	Barley		42.72
	Interdepartment			227#	Wheat		7.95
	Blacksmith repairs		234.20		To hogs		
	Tools		5.50	6 T	Grain hay &		
	Supplies		2.75		Corn fodder		89.39
			4629.93		Labor charges		4197.71
	Net profit		1335.06		To other depts.		1117.28
			5964.99	30 A	Credit allowance		
					Alfalfa develop-		750.00
					ment		5964.99



Paragraph 1, line 7, approximately correct.

- " 2, The appropriation for developping this system is \$15,000 not \$85,000.
- " 3. Approximately correct.
- " 4. line 3, Conditions for a crop were good but the seed did not germinate except in damp spots as the drill used is of such an obsolete type that while there was sufficient moisture for germination the drill did not place the seed properly to take advantage of it. That Sudan grass which came up is an excellent strain.
- " 4. line 5-6 These are experimental crops carried on by the students and are in fair shape considering that the first crop of unacclimated seed in new soil is rarely more than a seed crop.
- " 4, line 8 This hay crop by weight was in excess of one ton per acre making a total of over 50 tons.
- " 4, lines 10-22  
This statement is largely founded apparently on misinformation. The quality of grading and ditching is largely self evident. Some of the soil is cloddy but can not be expected to be otherwise as the school farm does not have a clod smasher and must depend upon the light rains for this work. There were none this year. The planting was for the most part done April 8th and not May 14th as stated. After the rush of plowing etc. a small part of the east corner was worked on in an effort to improve the condition of the borders which are rough in this section. All grading was completed before the last storm of eleven inches and is settled to the point of rest. With an average rain fall for April there would have been a good stand this year. There was no valid reason for the non installation of the water system for irrigating this tract at a date sufficiently early to have insured this crop.

Paragraph 5, The cutting on this field has never exceeded one and one fourth ( $1\frac{1}{4}$ ) tons per acre. This is a fact known by the weights as the school has had the crop for two years and carefully weighs each cutting.

Paragraph 6, Almonds will not produce in this section as the air is too moist. Prunes will not produce as the soil is not adapted for them. Both have been tried experimentally by this school for the U.S. Government and pronounced by their inspector a failure.

Paragraph 8, The old orchard is valuable to the school for student practice in budding, grafting, tree surgery etc. as also experimental work on pests sprays etc., which cannot be done in the new orchard without permanent injury to the trees. There are no apricots or prunes bearing in the new orchard this year. The crop last year was very light.



Paragraph 9, All of the horses are purebred and registered stock and not "nearly so" as stated. The cost of 250 per year keep for a horse is not correct. The estimate of \$1656 as the total value of the horses to the school is incorrect. The horses are at work on the farm or grounds every day when the weather permits.

There were five colts foaled four of which are living. One died a few hours after foaling. All mares bred had a colt. More mares were not bred as the heavy work is too much for a mare in foal. This aside from the inefficiency of horse labor for heavy work is one of the causes for the need of a tractor.

The facts connected with the presence of the light stallion Mono Ansel were taken up at the last board meeting and are familiar to the members of the Board.

The inventory valuation with the approval of the State Property Agent were changed as it was thought that such values as placed by the former instructor in Animal Industry were incorrect. It appears logical to the present instructor that if the herd stallion was worth to a purchaser \$3500.00 then he should be worth to the State at least \$3000.00 and not \$1000. The same  
Paragraph 10. applying to all stock. This is as agreed upon in the board meeting of September.

Paragraph 11, The members of the Board will recall that at the last meeting this matter was taken up and it was the consensus of opinion that in view of the present high price of materials and labor as also the fact that this \$4,000.00 was inadequate to construct the needed housing that no action be taken this year. Replying to Mr. Lathrop's question as to why the barn was not erected the above action was stated to him and not as outlined in paragraph 11.

Paragraph 12 These hogs are kept for student instruction. The sale of the pure bred breeding stock is a by product or secondary issue and might be compared to the sale of pork by the State Hog Cholera Vaccine station where the hogs used in producing the syrum were sold for pork.

The buildings are new and in repair but are being built by student labor. The work is incomplete and not being carried on now as school is closed and the students are not available.

These figures regarding increase are a matter of opinion. The average number of pigs raised per litter has been six. Some sows raise more and some less.

Paragraph 13 The statement that the financial loss in the Hog Department is heavy is not supported by the records. Garbage can not be had economically from town for hog feed. The feeding of the hogs on buttermilk etc. from the local creameries has been tried with the result that during the year of 1915 the herd was so infected with tuberculosis that it had to be disposed of and new stock obtained much of which was of necessity due to shortage in funds ~~and~~ of an inferior strain. The buttermilk and milk of the creameries is infected with tuberculosis and not safe feed for hogs and chickens.



Paragraph 13 cont.

In the matter of the boars it is our desire to dispose of these aged animals and purchase younger stock. They are, however, excellent boars and still serviceable for breeding to our herd. This sow farrowed ten days early and as the man in charge of the hogs during the herdsman's absence is a green hand he did not exercise proper precautions. These expensive errors made by **employes** are common now due to the present farm labor problems. The adjoining ranchers pay higher wages than the school, hence, they have the pick of the men and the school what is undesirable for them.

Paragraph 14.

The poultry department is operating at a profit. This is supported by the records.

Paragraph 15.

This injured heifer should not be killed, as she is a matter of experiment. Commercially she is not worth her hide, educationally her value cannot be estimated.

Paragraph 16.

Correct as stated.

Paragraph 17

The milk retailed is sold only to those employees living near the school who cannot purchase milk from a local dairy and whom it is necessary to accomodate to retain their services.

The records of the dairy herd are as good as can be expected when the following facts are considered;

1. Most of the stock was obtained through donation. The State never at any time within some ten years having purchased even a herd bull. Bulls have been borrowed from the University and private parties. This practice still being in effect.

2. The herd perhaps does not milk as persistently as it might if milked and cared for entirely by an expert milker and dairyman. When school opens and the students begin to handle the cattle the production falls off which is to be expected. If the cattle were kept for production only it would be proper to not allow the students to touch them but since their first function is to teach the students dairying the production is secondary. A better grade of cattle would overcome this to some extent but it can never be eliminated. A large herd is needed as it is only by giving the individual student his cow and calf that definite work can be done in teaching Dairying. The cows are at all times properly fed and cared for. This being seen to by the instructor and his assistant.

Paragraph 18.

Commented on in 17/

Paragraph 19

Correct as stated.

Paragraph 20

Reduced until one man could care for them the Poultry, Dairy and Hogs would be of no use educationally unless this school adopts the High School system of teaching agriculture which is a recognized failure.



Paragraph 21

This recommendation is unnecessary as all stock is kept for instruction purposes and not commercial as apparently assumed.

Paragraph 22

The financial analysis is not correct as not all the records have been used which are available. Mr. Levers, Business Secretary was absent on his vacation hence a number of the records were not available and some of those available were incorrectly interpreted.

Through out this analysis the assumption apparently has been at fault. Office records have been neglected for heresay from the neighbors and information from employees. Attached are signed statements of interviews with employees of this school.

Paragraph 23

Approximately correct as the total enrollment was as below.

Students enrolled, 1917-18

See attached sheet.

Paragraph 24

No comment.

Paragraph 25

No comment. The financial statement is not based upon the office records and is valueless.



Statement of L. Spence.

Mr. Kinsman brought Mr. Lathrop to the barn and introduced him as I understood as being a member of the Board of Control, who was down here to look over the farm and stock. I asked him when he went on the Board of Control, said I thought I had met all the men who were or who ever might be on the Board when I was at the Fair last year.

First he looked at the four year olds wanted to know what price we held them at, don't know what I told him exactly, whether it was \$2500 or \$3500 but it was a plenty for I didn't like his appearance and thought he was some Democrat down here trying to find out things to knock during the election. He said he thought the price was pretty high.

Next took him into the field, he counted the horses, three of them went down into the creek bottom, he counted them when they went down and again when they came out. Asked how many colts we had, why we didn't have more, if the mares were barren? I told him decidedly not, but we had no tractor and couldn't spare the mares had to work them. Wanted to know if there had been any other colts? It told him one died in the spring.

Showed him Mono Ansel (he looked in all the stalls) he wanted to know if we had raised him, where we got him, who he belonged to, how much we paid for him. Told him I did not know. He came back to this subject several times. Sunday started the same thing over, had evidently picked up information down town Saturday night for he knew that I went after him. I told him I couldn't remember the name of the man and I can't. Asked if he belonged to Mr. Ryder and what he was doing in the barns if he didn't belong to the school.

He made the statement several times that there was something wrong with the way the school was run as the Board of Control had \$14,000,000 to spend and they kept the other State institutions in splendid condition and gave them everything they wanted. Also kept repeating that I could tell him anything I had on my mind that it would not go any further.

Sunday he went back to the subject of the colts wanted to know why we had four dead colts this spring, I told him we did not have four dead colts, had one dead cold and four live ones, he pulled out his little book and said that was strange he had it down four dead colts. Then he wanted the stud book. Told him Mr. Ryder had it. He asked if Beck rented his place before or after the property was sold, said the State couldn't rent property. Then he asked what salary Mr. Ryder and Mr. Kinsman got. Told him I didn't know. Asked what I got, told him, and added that I had to have a raise to \$115 or \$125 or I wouldn't stay that I could get it plenty of places. He said I would get it all right and the barns I needed.

Then he began to ask questions about the hogs and cattle, told him I knew nothing about any part of the place but the horses. Asked what sort of a man Mr. Ryder was and if he was not pretty young to be running this sort of a school, if he had lived in Berkeley, said he had known a Mr. Ryder in college, Then he asked who had charge of selling and if I thought everything was run honestly, I told him yes it was, that the only thing I knew different was about a Mr. Nelson that he was crooked and as soon as Mr. Ryder found it out he fired him.

Asked me how many hogs had been sold. I didn't know.



Asked me why we didn't have a tractor, said I didn't know, we needed it bad enough. Then he repeated again that there was something wrong and that the Board of Control knew it and that was why we couldn't get what we needed. Then he asked why we didn't sell some of our horses we had too many, told him we couldn't until we got the tractor.

He asked all kinds of questions, such as how many people were employed in the office and what they got; whose fault it was that the alfalfa was planted before they were sure of water.

He complimented me on the appearance of the barnyard and condition of the horses. I told him Mr. Ryder was very particular about the condition of things around the farm.

Because I thought he was a petty lawyer, doing some sneak business tried to get him to talk politics, but he wouldn't commit himself except that he said that it was a good thing for Governor Stephens that there were so many men running, as otherwise he wouldn't have a chance of the election.

(signed) L. Spence.

#### Statement of H.C. Kinsman.

Mrs. Bland called me to the office and introduced me to Mr. Lathrop saying that he was authorized by the Board of Control to go over the farm and the farm accounts. I took him to the hotel at noon and went back after him at 1:30 and spent the afternoon taking him over the farm and showing him the stock. He gave the impression from the first that everything and everybody about the place was wrong and that he was here to get all the information he could about it. Showed him the cows, he talked to Mr. Riewald for a while, then we went to the hog pens, and he counted them also counted the chickens, returned to the barns when it was time to milk.

Principal criticism seemed to be that we had too many animals some of them should be sold especially as we could not raise our feed. Said we ought to sell only the cream to the creamery and keep the skimmed milk for the hogs also that we should raise hog feed and get slops from town. Took him to the horse barns where he talked to Mr. Spence. The latter part of the afternoon took him for a ride through the Los Osos. During this ride he talked and asked a good many questions. Such as did I think the place was being properly and honestly handled, what salary was Mr. Ryder paid etc. His main idea seemed to be that the place should be entirely self-supporting.

When he first came out to the ranch after lunch took him up the Cambria road and showed him the place from that side he asked about the acreage I told him about 600 acres in the Johnson tract and 300 in the original property, he asked all kinds of questions about the land and wanted estimates I told him I couldn't even make wild guesses as to what he wanted to know.

He criticised the planting of the alfalfa until we were certain of water, said we should not have graded and surely should not have planted on an uncertainty. Don't thing he knows much about crops as he said we should get 2 and 1/2 tons to the acre on ground that never has been known to run more than 1 1/4 tons in the best seasons.

(signed) H.C. Kinsman.



Statement of Mrs. E. De Forrest,

Mrs. Bland brought Mr. Lathrop into the office and introduced him as being here to look over the farm and farm accounting and said he was authorized by the Board of Control. I asked him what he wanted to see first and he said he wanted the inventories and information about the freehold, and all about the live stock and hogs. I gave him the departmental analysis and loose inventory sheets as I did not know about any others and asked him not to get them out of order as I was not supposed to handle them at all and it was as much as ~~my~~ life was worth to get them mixed up. However, he did mix them up, Mr. Levers says. Later on I found the copies of the inventory in the bound book and gave them to him taking back the loose sheets. He asked if we had summaries of our different accounts, I told him yes, but Mr. Ryder had one copy and the other was locked in Mr. Levers desk where I could not get at it. I do not know what other information he got out of the departmental analysis than the farm accounts as I had no way of watching what he was doing and I had my own work to do. He made his own summaries.

He asked questions about Maintenance and what the different employees got. I told him I did not know anything about that he would have to ask Mr. Ryder. He asked about the cottages, who lived in them. I told him Mr. Kinsman lived in one and Mr. Ryder in the other that I supposed they got their water and light and rent free but really did not know anything about that as it did not enter into the bookkeeping. He asked three times who Mr. Ryder was and what he did, and who the Mr. Levers was that Mrs. Bland and I had mentioned.

He said our records were well and completely kept, much better than many of the State Institutions, that he could get all the information he wanted from them easily. I told him they were kept in greater detail for the past year than they would probably be for the next year as the system was new and we didn't know the first year just how detailed we needed to keep it. He said that in most of the State institutions the farm accounts were kept entirely separate from the other business.

He checked up the tag sales book and found four checks that were not entered. He asked to see the cash book I told him I had not been authorized to show him that, that as far as any of the tags were concerned they had just been checked by Mr. Wilker the auditor as he could see by his check marks. He asked to see the data on one hog sale especially and I showed him that. He asked who handled the sales and I told him Mr. Ryder. He wanted to know if he turned the money in right away or what system he had, I told him I did not know. He asked for the Stud book I told him I knew nothing about it, had never seen it. He made no remarks about either the horses or cows but could not make the hogs check with the inventory, he looked at this inventory two or three times and apparently went out in between times to count them up, but did not say how he finally came out.

He asked about the enrollment at the school I told him I knew nothing about that with the exception of the boys at the Dormitory and told him what that attendance averaged, that the rest he would have to get from Mrs. Bland.

I don't think he had any trouble in getting all the desired information from our books with the possible exception that he wanted the records to run from December to December and our books all close on July 1st. I tried to protect the books and give only what information Mr. Ryder had authorized me to, as Mr. Lathrop was not the class of man that I was in the habit of meeting as representatives of State business.

(signed) Mrs. E. De Forrest.



Statistics of California Polytechnic School, At San Luis Obispo,  
for 1917 and 1918.

	1917	1918
Number of teachers employed:		
Men-----	15	12
Women-----	6	6
Total-----	21	18

Students enrolled, 1916-1917:

First year-----men--	32	Women--	24
Second year-----"	31	"	11
Third year-----"	22	"	4
Fourth year-----"	16	"	8
Specials-----"	00	"	8
Total--	101	"	55
Graduates-----"	24	"	11

Students enrolled, 1917-1918:

First year-----men--	22	woemen--	14
Second "-----"	21	"	15
Third "-----"	11	"	4
Fourth "-----"	13	"	4
Specials-----"	189	"	47
Totals-----	256	"	84
Graduates-----"	12	"	4

Financial Statement, 1917 and 1918.

	1917	1918
Salaries		
Appropriation-----	37,500.00	42,500.00
Balance	12.14	--
Administration	5,137.79	8,101.42
Faculty	30,967.11	26,550.58
Employees	1,407.12	7,817.65
Balance	.12	30.35
Grounds		
Appropriation-----	3,500.00	3,500.00
Balance	37.06	--
Expended	3,529.75	3,163.56
Balance	7.31	336.44
Library		
Appropriation-----	850.00	1,000.00
Balance	268.93	--
Expended	1,116.98	924.61
Balance	1.95	75.39
Printing		
Appropriation-----	750.00	1,000.00
Balance	.71	--
Expended	750.00	596.05
Balance	.71	403.95
Support		
Appropriation-----	15,000.00	18,750.00
Balance	569.69	--
Expended	15,544.76	17,392.30



FINANCIAL STATEMENT-continued

1917

1918

Support-cont'd.

Balance-----

24.93

1,357.70

Contingent-Fund-

Balance-----

56.04

1,478.53

Receipts

(Dining Hall, and dormitory-----12,923.32  
(Cremery, dairy, animal industry  
(and farm

13,347.72

Emergency Appropriation, Chapter 393/15

1917

Appropriation-----

2,000.00

Expended

1,991.39

Balance

8.61

Additional Support-Chapter 236/17

Appropriation-----

6,000.00

Expended

5,961.74

Balance

38.26

Contingent Fund, Con'td.-

1917

Expended-----

11,500.83

Balance

1,478.53

1918

10,603.65

4,222.60

\*

\*Approximate as 69th F Y not yet closed.

Special Appropriations---

Equipment, Chapter 291/15(Re-

pairs & Improvements)

253.92

85.49

Expenditure

168.43

1.95

Balance

85.49

83.54

Note: 291/15 expended by the Dept. of Eng. above figures approximate.

Furniture, Chapter 512/1911:

Balance-----

0

0

Expenditure

0

0

Valuation of Property

1917

1918

Area of grounds, acres-----

311.04

928.24

(Also have 600 acres on which only control water  
rights

Value of grounds, shrubs, orchards, roads, water,

(sewer and heating systems

136,414.00

192,414.00

Value of buildings

176,600.00

176,600.00

Value of furniture

8,786.93

8,786.93

Value of apparatus

49,859.95

50,674.95

Value of stock and tools

14,881.36

15,382.29

Value of library

4,714.50

5,025.00

Total

391,256.74

448,883.17

RECAPITULATION.

1917

1918

Total receipts

79,467.89

81,576.25

Total expenditures

77,907.47

75,769.88

Unexpended balance

1,560.42

5,806.37

Total value of property

391,256.74

448,883.17

Total books in library

3,143

3,350

\*\*\*\*\*



CALIFORNIA POLYTECHNIC SCHOOL

List of Accounts Receivable  
Cancelled during the period  
of February 1, 1917 to  
July 27, 1918.

Name of Account	Tag No.	Date	Amount
Agricultural Club	4387	5-12-16	5.00
Fred G. Booth	To bal.	2-1-17	10.00
L. P. Bush	2491	5-6-15	15.00
R. Coppi	4405	7-1-16	12.00
Mrs. Ebans	To bal.	7-31-16	1.00
Mrs. Feliz	5479	7-31-16	.36
Hotel Huntington	To bal.	2-1-17	.10
Dr. H. W. Jones	"	"	4.03
Junior Class	"	"	1.10
Benj. Jordan	"	"	1.00
W. H. Lovier	"	"	9.46
Mr. Lopez	"	"	12.00
Jack Marner	4984	3-1-17	5.40
Mr. Madison	2896	2-1-17	.15
W. B. McKendry	To balance	"	2.00
M. Pool	"	"	5.64
W. Phelps	"	"	1.26
Ellen Rhoda	5324	5-11-18	1.80
C. A. Ross	To bal.	2-1-17	50.00
Tom Reed	"	"	8.88
Sta. Maria L & G Co.	"	"	6.00
Sophmore Class	"	"	3.78
L. E. Smith	"	"	.54
Edgar Stow	"	"	1.00
Students' Co. Store	"	"	20.76
Chas Sale(no name)	"	"	1.00
H. Herring	"	"	.28
Josephine Tomasini	"	"	.98
Guy Heifer	"	"	2.00
Mr. King	"	"	.10
Mrs. E. Deleissiques	"	"	.45
Joe Gates	"	"	.40
S. McMillan	"	"	1.10
W. R. Parsons	3863	"	10.75
A. Trussler	2152	"	.25
C. Christianson	5009	"	.25
Parker Talbot	Misc.	"	16.56
Valerio Tognazzini	5772	5-22-18	75.00
E. L. Westover	To bal.	7-1-18	1.02
J. Alden Willett	4577	5-9-17	.15
C. M. Webb	3817	2-1-17	1.00
Chester Whaley	To balance	10-1-17	30.50
Irwin Hawie	"	10-1-17	30.92
Richard Ellis	"	"	12.80
Raymond Herr	"	"	34.60

EXHIBIT "B"



STATEMENT SHOWING EXPENDITURES FOR SIXTY-NINTH FISCAL YEAR AGAINST SUPPORT APPROPRIATION AND CONTINGENT FUND;  
 ALSO ESTIMATED EXPENDITURES FOR SEVENTIETH FISCAL YEAR

ITEM	(SIXTY-NINTH FISCAL YEAR) SUPPORT	CONTINGENT	(ESTIMATED SEVENTIETH FISCAL YEAR) SUPPORT	CONTINGENT	TOTAL	(Exhibit 1)
Feed (Millstuffs, feed barley, hay)	\$7442.21	\$1233.40	\$8675.61	\$6000.00	\$2500.00	\$8500.00
Stationery	128.42	75.09	203.51	250.00		250.00
Tires & Tubes (3 cars)	379.51	84.79	464.30	500.00		500.00
Oil, Gasoline & Grease	453.90	183.28	637.18	1100.00		1100.00
Coal	184.50		184.50	162.00		162.00
Lamps & Electrical Supplies	129.86	30.48	160.34	65.00		65.00
School Supplies	743.19	155.22	898.41	1300.00		1300.00
Miscellaneous Supplies	599.08	333.83	932.91	500.00		1000.00
Equipment	1001.76	288.71	1290.47	1000.00	500.00	1000.00
Freight & Express	531.58	58.88	590.46	600.00	4750.00	5750.00
Telephone & Telegraph	251.97	91.86	343.83	400.00		400.00
Laundry	228.05	125.00	353.05	400.00		400.00
Registration Stock	92.00		92.00	100.00		100.00
Veterinarian	152.00	79.00	231.00	250.00		250.00
Miscellaneous General Expense	539.39	524.55	1063.94	1000.00		1000.00
Postage	194.65	117.48	312.13	400.00		400.00
Repairs	251.34	36.80	288.14	300.00		300.00
Student Labor and Student Janitors	351.98	157.01	508.99	575.00		575.00
Janitor & Janitress	441.00	180.00	621.00	630.00		630.00
Traveling	492.80	324.98	817.78	700.00		700.00
Rental Cottage	135.00		135.00		500.00	1200.00
Farm Expense-Baling	130.92		130.92		300.00	300.00
Gas	942.64	301.29	1243.93	750.00	750.00	1500.00
Asst. Dairyman - Extra labor	10.83		10.83			
Asst. Animal Husbandry (Hogs)	570.00	240.00	810.00	960.00		960.00
Laborer-Pultry	365.00	216.00	581.00	960.00		960.00
" Extra	45.00		45.00			
" Farm	424.24	225.00	649.24	900.00		900.00
Night Operator-Power House	179.48	64.26	243.74	300.00		300.00
Dining Hall - Cook		705.29	705.29		720.00	720.00
Asst. Cook		427.52	427.52		450.00	450.00
Pantrywoman		262.88	262.88		270.00	270.00
Dishwasher		94.37	94.37			
Carpenter		85.00	85.00			
Messenger		75.00	75.00			
Asst. Dairyman		80.00	80.00			
Seed		200.00	200.00		1117.00	1117.00
Creamery		284.56	284.56		500.00	500.00
Supplies - Dining Hall		3811.96	3811.96		4500.00	4500.00
Equipment-		107.82	107.82		200.00	200.00
TOTAL	17392.30	11261.31	28653.61	20102.00	17057.00	37159.00

Exhibit "B"



# EXHIBIT 1.

## ESTIMATED FEED REQUIREMENTS JULY 1, 1918 TO JUNE 30, 1919.

100 tons Grain Hay - Horses		\$2769.88
100 " Alfalfa Hay - Dairy		3000.00
30 " Feed Barley - General		1665.00
POULTRY		
2000# Milo	80.00	
1000# Shorts	24.50	
1000# Bran	20.00	
300# Cottonseed Meal	12.00	
300# Blood Meal	15.00	
120# Bone Meal	<u>3.50</u>	155.00
HOGS		
8000# Middlings	188.00	
4000# Bran	78.00	
1000# Blood Meal	50.00	
1000# Tankage	<u>50.00</u>	366.00
DAIRY		
12000# Middlings	282.00	
6000# Bran	117.00	
4000# Cottonseed Meal	<u>160.00</u>	559.00
HORSES		
2000# Bran		<u>39.00</u>
TOTAL		<u>8553.88</u>

# EXHIBIT 2

## ESTIMATED REQUIREMENTS FOR DISTILLATE, GASOLINE, KEROSENE, OILS, GREASE, Etc., JULY 1, 1918 TO JUNE 30, 1919.

200 Gal. Kerosene	20.00
4000 " Engine Distillate #1	460.00
1500 " Gasoline, Motor	315.00
200 " Gas Engine Oil, Paraffine Base	120.00
50 " Light Machine Oil, Dynamo, High Speed	12.50
200 " Gas Engine Oil, Asphaltum Base	68.00
300 " Semi-Black Oil for Tractors	37.50
100 lbs. Cup Grease	10.00
75 Gal. Transmission Oil	30.00
5 " Plumbers' Thread Cutting Oil	<u>3.25</u>
	1076.25
6 Tons Blacksmith Coal	162.00

# EXHIBIT 3

## ESTIMATED REQUIREMENTS SCHOOL SUPPLIES, JULY 1, 1918 TO JUNE 30, 1919.

Drugs - Academic Chemistry \$75.00, Agriculture \$25.00	\$100.00
Hardware, Forge, Chemistry, Carpenter & Machine Shops	500.00
Paints	25.00
Scientific Supplies	125.00
Rubber Goods	2.40
Lumber	218.09
Athletic Goods	199.29
Musie	70.00
Miscellaneous	<u>50.00</u>
	1289.78



## EXHIBIT 4

## ESTIMATED REQUIREMENTS MISCELLANEOUS SUPPLIES JULY 1, 1918 TO JUNE 30, 1919.

2000# Stock Salt	\$12.00
2000# Dairy "	18.40
2 Cases Ivory Soap, 12 oz.	18.00
4 " Dutch Cleanser	13.00
3 " Anvil Pumice Soap	21.00
1 " Bon Ami	3.50
3 Doz. Hydro-Pura, Large Size	6.50
50 Gal. Kreso Dip	40.00
Packing	50.00
15 Cases Paper Towels	116.25
5 " Toilet Paper	32.50
5 Gross Matches, Safety	5.00
500 Yards Cheese cloth	35.00
Sundry Supplies, approximately \$50.00 month	600.00
	<u>971.15</u>

## EXHIBIT 5

## ESTIMATED REQUIREMENTS EQUIPMENT JULY 1, 1918 TO JUNE 30, 1919.

1 - 10' double disc grain drill	\$305.00
1 - Pivot axle two-horse cultivator	65.00
1 - Corn and Bean planter	40.00
1 - Road Grader	200.00
1 - Cyclone Weeder	30.00
1 - Clod Masher or Packer	120.00
Small Tools for Farm	25.00
1 - #17 DeLaval Silage Cutter and alfalfa Meal Grinder	350.00
1 - Four-horse Fresno Scraper	50.00
3000 Fence Posts Redwood 4x5x7	870.00
6000 board feet 1x6 fence boards	228.00
40 Pair heavy gate hinges	30.00
30 pes. 6x8x12 select redwood S4S for replacement of 2 bridges	73.44
70 pes. 2x12x12 select redwood S3S for replacement of 2 bridges	77.28
1 - 6 HP Gasoline Engine, Moline or equal	230.00
1 - 4" Vertical Centrifugal Pump, Krogh or equal	180.00
(Last two items for Maintenance of Water System)	<del>XXXXXX</del>
1 - Oxy-Acetylene Welding Cutting Apparatus	161.45
3 - 3 gal. Ice Cream Packs	10.50
2 - 2 gal. " " "	6.00
2 - 1 gal. " " "	5.00
Belting - 2-1/2" For Creamery	50.00
8 Tons Barb Wire	1200.00
1 Ford Truck	685.00
1 Underwood Typewriter	50.00
1 Hay Baler	625.00
1 Hay Rake (Buck rake)	50.00
	<u>5716.67</u>

ESTIMATED REQUIREMENTS - EXHIBIT 6  
GENERAL EXPENSE ITEMS JULY 1, 1918 TO JUNE 30, 1919.

Film Rental	50.00
Commencement Expenses	200.00
State Fair	400.00
Extension Work	150.00
Sundry Service items (\$25.00 per month)	200.00
	<u>1000.00</u>



EXHIBIT 7.

ESTIMATED REQUIREMENTS OF SEEDS FOR FARM JULY 1, 1918 TO JUNE 30, 1919.

600 # Alfalfa Seed	\$150.00
8 Tons Barley - Seed	480.00
3 " Oats - Seed	195.00
700 # Seed Corn	42.00
Miscellaneous Seeds (Vetch, Burr Clover, Filaree, Sudan Grass, and others)	250.00
	<u>1117.00</u>



EXPENDITURES 68th & 69th FISCAL YEARS; ESTIMATED  
EXPENDITURES BY APPROPRIATION FOR 70th FISCAL YEAR;  
STATEMENT OF CONTINGENT FUND.

EXPENDITURES

	68th FISCAL YEAR	69th FISCAL YEAR
SUPPORT	\$15,544.76	\$17,392.30
CONTINGENT FUND	11,500.83	11,261.31
SALARIES	37,512.02	42,469.65
GROUND	3,529.75	3,163.41
LIBRARY	1,116.98	924.61
PRINTING	750.00	596.05
EMERGENCY FUND	1,991.39	
SPECIAL APPROPRIATION	5,961.74	
	<u>77,907.47</u>	<u>75,807.33</u>
	75,807.33	
Decrease 69 F Y	2,100.14	*

\* In addition to this decrease our storeroom inventory also shows  
stock on hand costing \$2061.13.

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ESTIMATED EXPENDITURES 70th F Y	ESTIMATED AMOUNTS AVAILABLE 70th F Y
SUPPORT	\$20,107.70
SALARIES	42,530.35
GROUND	3,836.59
LIBRARY	1,075.39
PRINTING	1,403.95
CONTINGENT FUND (Bal. 7/1 - \$3519.94; estimat- ed receipts \$12,000.00)	15,519.94
Amount expected from Emergency Fund - 10% on Salary Appn. \$4250. & 1 teacher @ \$1800.	6,050.00
	<u>90,523.92</u>
	90,523.92
	DEFICIT
	<u>3,512.71</u>

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STATEMENT OF CONTINGENT FUND

Relief Salary Appropriation (As per statement)	\$1,630.65
Expenditures, per items listed	17,057.00
10% increase Support Appropriation for Wages - Janitress, Asst. Animal Husbandry (Hogs), Asst. Poultry, Farm Laborer	.345.00
	<u>19,032.65</u>

Balance 7/1/18	\$3,519.94
Estimated receipt 70th Fiscal year @ \$1,000.00 per month	<u>12,000.00</u>
	15,519.94
	DEFICIT
	<u>3,512.71</u>



STATEMENT OF SALARIES APPROPRIATION, SHOWING EXPENDITURES FOR  
69TH FISCAL YEAR, ESTIMATED EXPENDITURES (NOT INCLUDING PRO-  
POSED INCREASES) FOR 70TH FISCAL YEAR AND RECAPITULATION.

Position	69th Fiscal Year	70th Fiscal Year
Director	\$3000.00	\$3000.00
Business Secretary	1582.80	1600.00
Private Secretary to Director	1429.12	1400.00
Bookkeeper	1200.00	1200.00
Clerk & Typist	735.00	900.00
Farm Superintendent	825.80	1200.00
Mech. Asst. Laboratory	1200.00	1200.00
Engineer	1200.00	1200.00
Laborer (2 months)	130.00	
Janitor	446.47	780.00
Janitress	30.97	
Asst. Animal Industry (Hogs)	150.00	
" " " (Poultry)	130.00	
Assistant Dairyman	887.32	1020.00
Asst. Animal Industry (Horses)	1140.00	1140.00
Messenger	805.00	900.00
Carpenter	595.00	1020.00
Assistant Dairyman (Extra)	130.00	
Laborer	147.09	
Extra Typist	154.50	
Librarian (Faculty)	450.23	1000.00
3 Instructors " @ \$1400.00	4200.00	4200.00
5 " " @ 1500.00 - 6982.26 - 6982.26		7500.00
7 " " @ 1600.00	11200.00	11200.00
2 " " @ 1700.00	3360.23	3400.00
Extra Faculty members - 1 - 1 month		
@ \$160.00 - 1 - part month \$75.00	235.00	
	122.76	150.00
Musician	<u>42469.65</u>	<u>44010.00</u>

Amount Appropriation 69th Fiscal Year	\$42,500.00
" Expended	<u>42,469.65</u>
Balance	30.35

Balance from 69th Fiscal Year	30.35
Amount Appropriation 70th Fiscal Year	42,500.00
Proposed 10% allowance from War Emergency	4,250.00
1 additional Instructor " " "	1,800.00
Amount available	<u>48,580.35</u>

Amount required, as based on above estimate	44,010.00
Add, 10% General Increase	4,401.00
1 additional Instructor	1,800.00
Total	<u>50,211.00</u>
Amount available	<u>48,580.35</u>
Deficit	<u>1,630.65</u>



ROSTER OF OFFICIALS, FACULTY MEMBERS AND EMPLOYEES OF CALIFORNIA POLYTECHNIC SCHOOL 69TH AND 70TH FISCAL YEARS - (PERMANENT POSITIONS ONLY GIVEN).

Name	Position	Rate Salary 1917-18	Proposed Salary 1918-19
EXEMPT FROM CIVIL SERVICE			
Ryder, R. W.	Director	\$3000.00	
Bland, Marguerite M.	Private Secy. to Diretr.	1400.00	
Kinsman, H. C.	Farm Superintendent	1200.00	
Perozzi, J. H.	Meeh. Asst. Laboratory	1200.00	
Riewald, G.	Assistant Dairyman	960.00	*
Spence, L.	Asst. An. Husbandry (Horses)	1140.00	
FACULTY			
Rumsey, Lulu I.	Librarian	1000.00	
Hartzell, M. K.	Instructor	1400.00	
Hoover, Bessie B.	"	1400.00	
Ray, Geo.	"	1400.00	
Carus, C. D.	"	1500.00	
Figge, H. C.	"	1500.00	
Greenamyre, P. A.	"	1500.00	
St. John, W. E.	"	1500.00	
Todd, G. A.	"	1600.00	
Brown, W. L.	"	1600.00	
Heald, O. L.	"	1600.00	
Redman, A. R.	"	1600.00	
Saunders, J. T.	"	1600.00	
Schlosser, D. W.	"	1600.00	
Whiting, E. M.	"	1600.00	
Williams, B. A.	"	1700.00	
Chase, M. H.	"	1700.00	
Doxsee, E. D.	" (Musician) per mo.	15.00	
Palmer, Florence			
CIVIL SERVICE EMPLOYEES			
Levers, H. W.	Business Secretary	1600.00	#
Levers, Margaret E.	Clerk & Typist	900.00	
DeForest, Elizabeth	Bookkeeper	1200.00	
Meek, O. H. P.	Engineer	1200.00	
McMillan, James K.	Janitor	780.00	
Woods, R. C.	Messenger	900.00	
Heald, O. F.	Carpenter	1020.00	

\* Agreement that salary automatically be made \$1020. per annum effect. 7/1/18  
# " " " " \$1800. " " " "

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ABOVE POSITIONS APPLIED AGAINST SALARY APPROPRIATION.

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ABOVE POSITIONS APPLIED AGAINST	
EXEMPT CIVIL SERVICE-Douglass, B. D.-Asst. Poultry	Husb. 960.00
Newton, G. White	Asst. An. Husbandry (Hogs) 960.00
CIVIL SERVICE EMPLOYEES	
Bergh, Mrs. N. S.	Janitress (10 months) per mo. 60.00
Clark, U. G.	Laborer-Farm 900.00

SUPPORT APPROPRIATION.

Clark, U. G.

ABOVE POSITIONS APPLIED AGAINST SUPPORT APPROPRIATION.

CIVIL SERVICE EMPLOYEES		80.00
Heald, Mrs. M.	Cook per month	50.00
Herd, Mrs. Doris	Asst. Cook " "	30.00
Ness, Mrs. B.	Pantrywoman " "	
DEDUCTIONS APPLIED AGAINST CONTINGENT FUND.		

Herd, Mrs. B. Pantrywoman  
 Ness, Mrs. B.  
 ABOVE POSITIONS APPLIED AGAINST CONTINGENT FUND.

EXEMPT CIVIL SERVICE	Asst. Horticulturist	960.00
Page, Charles, C.		
CIVIL SERVICE EMPLOYEES	Laborer	900.00
Wilkinson, Fred H.	"	900.00
<del>Name Unknown</del> Beck, James		
APPLIED AGAINST GROUNDS APPROPRIATION.		

Wilkinson, Fred H. " "  
~~Name Unknown~~ Beck, James  
 ABOVE POSITIONS APPLIED AGAINST GROUNDS APPROPRIATION.



STATEMENT OF GROUNDS APPROPRIATION, SHOWING EXPENDITURES  
FOR 69TH FISCAL YEAR, ESTIMATED EXPENDITURES (NOT INCLUDING  
PROPOSED INCREASES) FOR 70TH FISCAL YEAR AND RECAPITULATION.

Position	69th Fiscal Year	69th Fiscal Year
Assistant Horticulturist	\$920.00	\$960.00
Laborers (2 @ \$75.00 per month)	1456.13	1800.00
Assistant Gardener (Extra)	117.10	
Labor (Students)	46.17	
Supplies (Miscellaneous)	158.93	300.00
Oils, etc.	106.48	
Hauling	233.94	
Seeds, Shrubbery, etc.	15.75	500.00
Total	3054.50	3560.00
Properties (Equipment)	108.91	
	3163.41	3560.00

RECAPITULATION

AMOUNT APPROPRIATION 69TH FISCAL YEAR	\$3500.00
" Expenditures " " "	3163.41
Balance	336.59

Balance from 69th Fiscal Year	\$ 336.59
Amount Appropriation 70th Fiscal Year	3500.00
	3836.59

Proposed Expenditures as above \$3560.00	
Add " 10% Increase in Wages	
Asst. Horticulturist & 2 Lab- orers	276.00
Balance	3836.59

STATEMENT OF LIBRARY APPROPRIATION, SHOWING EXPENDITURES  
FOR 69TH FISCAL YEAR, ESTIMATED EXPENDITURES AND RECAPITULATION.

Purpose of Expenditure	69th Fiscal Year	70th Fiscal Year
Salary Librarian (Part)	\$583.10	
Files	20.00	
Properties (Books)	247.56	\$560.00
Subscriptions	70.20	100.00
Supplies	3.75	48.61
Encyclopaedia Britannica		166.75
Book Racks		200.00
Total	924.61	1075.39

RECAPITULATION

Amount Appropriation 69th Fiscal Year	\$1000.00
Expenditures " " "	924.61
Balance	75.39

Balance from 69th Fiscal Year	75.39
Amount Appropriation 70th Fiscal Year	1000.00
	1075.39

Proposed expenditures as above	1075.39
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# STATEMENT OF PRINTING APPROPRIATION

Amount of Appropriation for 69th Fiscal Year	\$1000.00
" " Expenditures " " " "	<u>596.05</u>
Balance	403.95

Balance from 69th Fiscal Year	403.95
Amount of Appropriation for 70th Fiscal Year	<u>1000.00</u>
Amount Available	1403.95

Note: One of the principal items to be included in our Printing for the 70th Fiscal year will be 5000 catalogs at an estimated cost of from \$400.00 to \$500.00. Otherwise, our Printing Appropriation will be sufficient for our requirements.