THE SOUTH DAKOTA AGRICULTURAL COLLEGE.

Report of the President For the Fiscal Year Ended June 30th, 1899.

PUBLISHED BY THE COLLEGE, BROOKINGS, S. D., NOVEMBER 1st, 1899.
To the Honorable Secretary of Agriculture and Secretary of the Interior.

GENTLEMEN:—In compliance with national law directing me so to do, I submit the following report of the South Dakota Agricultural College for the year ended June 30th, 1899.


There has been a steady growth all through the year. More than four hundred students have been in actual attendance. Every department in the institution has been taxed to its utmost.

The last Legislature increased state aid materially for the future and will hereafter furnish about the same amount for running expenses that is provided by the national funds (Morrill and Hatch). It has in addition, provided money for two new buildings, to be erected this summer, one for armory and gymnasium purposes and another for use of dairy and animal husbandry work.

No changes whatever occurred in the faculty until the close of the year.

The new departments mentioned in my last report have proven highly popular and helpful and are well patronized by students.

The changes in courses of instruction announced last year were carried out and in the main were found wise and useful.
The freedom offered students in choosing majors is highly satisfactory and will be developed more fully in the future.

Our courses are now so arranged that they articulate well with the work of the common schools. This we regard as very important because it brings our advantages within the reach of the masses, for whom they are especially provided.

II. RECEIPTS FOR AND DURING THE YEAR ENDED JUNE 30, 1899.

1. Balance on hand July 1, 1898, over and above all indebtedness $336 38
2. State aid (a) income from endowment from state ..............
   (b) appropriation for current expenses 8,500 00
3. Federal aid (a) income from land grant, Act of July, 1862 ........
   (b) additional endowment, Act of Aug. 30, 1890 .... 24,000 00
   (c) for Experiment Stations, act of March 2, 1887 .... 15,000 00
4. Fees and all other sources of income ............. 8,277 96

   Total ........................................ $56,114 34

III. EXPENDITURES FOR AND DURING THE YEAR ENDED JUNE 30, 1899.

1. Instruction in subjects specified in Sec. 1, Act of Aug. 30, 1890 .... $23,960 06
2. Instruction in all other subjects .................. 1,770 00
3. Administration expenses .................. 15,029 47
4. Experiment Station .................. 15,000 00

   Total ........................................ $54,759 53
IV. PROPERTY YEAR ENDED JUNE 30, 1899.

1. Value of all buildings ...................................... $93,000 00
2. Value of other equipment ..................................... $9,000 60
3. Total number of acres ........................................... 400
4. Acres under cultivation ......................................... 200
5. Acres used for experiments ...................................... 80
6. Number of bound volumes, June 30, 1899 ..................... 5,900
7. Number of pamphlets ............................................ 10,000

V. FACULTY DURING THE YEAR ENDED JUNE 30, 1899.

(a) Preparatory classes ........................................... 6
(b) Collegiate and special classes ................................. 10 4

(c) Total, counting none twice ................................. 16 4

(d) Number on staff of Exp. Station ............................ 8

VI. STUDENTS DURING THE YEAR ENDED JUNE 30, 1899.

(a) Preparatory classes ........................................... 91 35
(b) Collegiate and special classes ................................. 220 75
(c) Post graduate courses ......................................... 9 4

Total, counting none twice ........................................ 320 114

(d) Number that pursued courses in agriculture ............... 68

(e) " " " mech. engineering ........................................ 147
(f) " " " architecture ........................................... 5
(g) " " " household economy ...................................... 75
(h) " " " military science ......................................... 250
Degrees conferred during the year ended June 30, 1899:
On men—B. S. ................................................. 6
          M. S. ................................................. 3
          Pharmacy graduate ................................. 8
On women—B. S. ................................................. 4

VII. THE AGRICULTURAL EXPERIMENT STATION.

This department has continued its efforts along the same lines pursued the previous year.

No changes whatever occurred in the station staff during the year.

The department published the following bulletins:

BULLETIN NO. 61—"FORAGE AND GARDEN CROPS IN THE JAMES RIVER VALLEY."

This is record of experiments conducted on the Hunter-Salzer farm at Mellette, S. D. The investigations were chiefly along lines of work in progress there for several years, showing results of experiment with grasses, vegetables, etc. The experiments demonstrated the fact that this section of the state was suitable for growing alfalfa, clovers, Brome grass, etc., also the corns, sorghums, rape, peas, vetch, etc.

BULLETIN 62—"SUGAR BEETS IN SOUTH DAKOTA."

This bulletin is the result of experiments made in various parts of the state to test the adaptability of the soil and climate for growing the sugar beet commercially. The investigations were surprisingly favorable. Some samples sent in indicated that the conditions were unusually promising and that the beets grown contained exceedingly high per cent of sugar and were also free from injurious impurities.
BULLETIN 63—"PIG FEEDING IN SOUTH DAKOTA."

This experiment was undertaken to discover the value of some common food stuffs and to gather data regarding the cost of pork production on the common grains under favorable conditions. The effort was successfully carried out. The farmers of the state were shown how readily they might enlarge their operations and produce large quantities of "bacon" at a surprisingly low cost.

BULLETIN 64—"FERNS AND FLOWERING PLANTS OF SOUTH DAKOTA."

This is an economic and scientific classification of the flora of the state and should prove highly useful and interesting to every intelligent student farmer in the state.

The following statement from Secretary A. M. Allen shows the receipts and disbursements of the station for the year ended June 30, 1899.

Agricultural Experiment Station of South Dakota in account with the United States Appropriation, 1898-99.

<table>
<thead>
<tr>
<th>Dr.</th>
<th>Cr.</th>
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<tbody>
<tr>
<td>To receipts from the Treasurer of the United States, as per appropriation for the fiscal year ending June 30, 1899, as Act of Congress approved March 2, 1887, $15,000 00</td>
<td></td>
</tr>
<tr>
<td>By salaries ...........................................</td>
<td>$11,172 51</td>
</tr>
<tr>
<td>By labor ...............................................</td>
<td>1,587 21</td>
</tr>
<tr>
<td>By publications ......................................</td>
<td>472 69</td>
</tr>
<tr>
<td>By postage and stationery ..........................</td>
<td>129 60</td>
</tr>
<tr>
<td>Category</td>
<td>Amount</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>By freight and expressage</td>
<td>277.49</td>
</tr>
<tr>
<td>By heat, light and water</td>
<td>251.79</td>
</tr>
<tr>
<td>By chemical supplies</td>
<td>199.88</td>
</tr>
<tr>
<td>By seeds, plants and sundry supplies</td>
<td>201.27</td>
</tr>
<tr>
<td>By fertilizers</td>
<td></td>
</tr>
<tr>
<td>By feeding stuffs</td>
<td></td>
</tr>
<tr>
<td>By library</td>
<td>35.61</td>
</tr>
<tr>
<td>By tools, implements and machinery</td>
<td>21.70</td>
</tr>
<tr>
<td>By furniture and fixtures</td>
<td></td>
</tr>
<tr>
<td>By scientific apparatus</td>
<td>23.86</td>
</tr>
<tr>
<td>By live stock</td>
<td>250.00</td>
</tr>
<tr>
<td>By traveling expenses</td>
<td>112.96</td>
</tr>
<tr>
<td>By contingent expenses</td>
<td>122.65</td>
</tr>
<tr>
<td>By building and repairs</td>
<td>139.78</td>
</tr>
<tr>
<td>By balance</td>
<td></td>
</tr>
</tbody>
</table>

$15,000.00  $15,000.00


November 1st, 1899.