

# ANNUAL COMMENCEMENT

Spring Division of the  
Class of 1900 and 1901



## IOWA STATE COLLEGE

of Agriculture and  
Mechanic Arts



College Chapel, Ames, Iowa  
June 12, at 7:30 P. M.

..1901



# PROGRAM

Invocation by Dr. O. H. Cessna

Music—Trio

Miss Metcalf, Messrs. Resler and Hopkins

Address to the Trustees and Graduating Class  
by Hon. J. P. Dolliver, U. S. Senator from  
Iowa, Fort Dodge.

Music—Selected

Glee Club

Promotion of Juniors to Seniors

Response in Behalf of Juniors

..... C. W. Warburton

Music—Selected

Glee Club

Conferring of Degrees

..... President W. M. Beardshear

## Subjects of Theses in the Graduate and Post Graduate Courses for June 12th, 1901.

*By reason of change of college year there are two commencements for the college year just closing, one December 20th, 1900, the other the present division of the seniors.*

### DIVISION OF AGRICULTURE

BLUMER, JACOB C.—History of the Apple in Iowa.

CRANE, M. D.—A Study of Soil considering Temperature as Affected by Organic Matter.

ECKLES, HERBERT C.—Rotation of Crops.

GRAY, C. E.—Solutions for the Determination of Acidity in Milk and Cream.

HALL, ERNEST H.—The Horse Market.

HOPKINS, HENRY SHANNON—Casein.

HORNER, Jas. F.—Mushrooms as Food.



- MILLER, F. G.—A Study in the Germination of Leguminosae.  
 MYERS, E. C.—The Sewage of I. S. C.  
 OBRECHT, R. C.—Breed and Individual Variation in Production by the  
   Cows of the College Dairy Herd.  
 PORTER, H. R.—The Chemical Analysis of Water.  
 SOKOL, GEO. F.—The Effect of Size on the Vitality of Seed.  
 WALLACE, D. A. and KINZER, R. J.—The Germinative Power and Purity  
   of Farm Seeds.  
 WEBSTER, ED. H.—The Skimming Station and its Relation to Modern  
   Creamery Practice.

## DIVISION OF VETERINARY SCIENCE

- MADSEN, J.—Mastitis, Especially in Regard to its Etiology.

## DIVISION OF ENGINEERING

### DEPARTMENT OF CIVIL ENGINEERING

- LATHROP, J. C.; GARVER, H. F.—A Study of the Magnetic Variation in  
   Boone County, Iowa.  
 TAYLOR, G. A.; VAN LIEW, J. E.—The Design of a Sewage Disposal Plant  
   for Grinnell, Iowa.

### DEPARTMENT OF ELECTRICAL ENGINEERING

- HOVLAND, O.; LAMB, W. E.—A Study of Storage Cells.  
 PESHAK, ELMER; SAWRE, ED.—A Test of the Ames Electric Light Plant.

## DIVISION OF SCIENCE AS RELATED TO THE INDUSTRIES

### SCIENCE

- BENNETT, L. P.—The Relation of Railways to the Public with Respect to  
   the Establishment of Rates.  
 FITZWATER, W. D.—Ecological Notes on the Flora of the "Ledges."  
 STIVERS, E. D.—The Feudal System of Western Europe.

### GENERAL AND DOMESTIC SCIENCE

- PIKE, HATTIE A.—Investigation of Baking Powders Sold in Ames.

## STUDENTS RECEIVING PRIZE FELLOWSHIP AND SCHOLARSHIP HONORS FOR 1901

- Annual Junior Prize Orations:—JOSEPHINE BARCLAY, first; JOHN COYE,  
   second; R. W. JAMES, third.  
 Wilson Gold Medal for highest efficiency in stock judging during current  
   year—W. DINSMORE.  
 \$200 fellowship in agriculture from Clay Robinson & Co. awarded to the  
   best graduate student in Animal Husbandry—R. J. KINZER.

## POST GRADUATE COURSES

- BARNES, S. E.—Purification of Milk by Means of the Centrifugal Separ-  
   ator—M. S. A.  
 HUME, H. HAROLD—Ustilagineae of Iowa—M. S. A.  
 LITTLE, E. E.—Amelioration of Lycopersicum esculentum—M. S. A.