

JOURNAL OF
ANIMAL
SCIENCE

Published Quarterly

by the

American Society of Animal Production

MAY

1950

Volume 9

Number 2

CONTENTS

	Page
B Vitamin Content in the Skeletal Muscle of the Horse Fed a B Vitamin-Low Diet. F. D. Carroll	139
The Effects of Egg Yolk on the Various Physical and Chemical Factors Detrimental to Spermatozoan Viability. Ralph Bogart and Dennis T. Mayer	143
Sodium, Potassium, and Chlorine Content of Feeding Stuffs. J. H. Meyer, R. R. Grun- ert, R. H. Grummer, P. H. Phillips, and G. Bohstedt	153
Creep-Feeding of Nursing Pigs. J. L. Krider, S. W. Terrill, B. W. Fairbanks, and W. E. Carroll	157
Adequacy of Synthetic Diets for Growth and Reproduction of Swine. Gerald C. Ander- son and Albert G. Hogan	163
The Role of Manganese in Growth, Reproduction, and Lactation of Swine. R. H. Grummer, O. G. Bentley, P. H. Phillips, and G. Bohstedt	170
Choline Versus Betaine and Expeller Versus Solvent Soybean Meal for Weanling Pigs. I. A. Dyer and J. L. Krider	176
The Blood Proteins of Pregnant Ewes and How They Are Affected by Protein in the Ration. Earle W. Klosterman, D. W. Bolin, M. L. Buchanan, and F. M. Bolin ...	180
Some Effects of Testosterone Propionate and Thyroprotein in Rams. W. G. Black, A. L. Schick, A. L. Pope, and L. E. Casida	186
The Comparative Value of Hydraulic, Expeller and Solvent Processed Oil Meals for Ruminants. Willis D. Gallup, H. M. Briggs, and E. E. Hatfield	194
Rat Feeding Tests With Milk Obtained from Cows Fed Toxic Cottonseed Meal. W. R. Ruegamer and C. E. Poling	201
The Influence of Alfalfa Hay and Fractions of Alfalfa Hay upon the Digestion of Ground Corn cobs. Wise Burroughs, Paul Gerlaugh, and R. M. Bethke	207
The Influence of Casein Upon Roughage Digestion in Cattle with Rumen Bacterio- logical Studies. Wise Burroughs, L. S. Gall, Paul Gerlaugh, and R. M. Bethke ...	214
Cobalt Deficiency in New York State. Sedgwick E. Smith, D. E. Becker, J. K. Loosli and K. C. Beeson	221
Protein as an Indicator of Pasture Forage Digestibility. R. M. Forbes	231
Effects of Diethylstilbestrol Dipropionate Upon Postpartum Changes in the Cow. L. E. Casida and W. Wisnicky	238
Comparative Value of Mixed Hay and Corn Silage for Wintering Beef Cows. J. I. Miller and F. B. Morrison	243
Memorial	248
News and Notes	249