

## CONTENTS

	Page
The Effect of Fat upon the Digestion of Nutrients by Dairy Cows. H. L. Lucas and J. K. Loosli. . . . .	3
Potential Fertility of Ova from Ewes Treated with Gonadotropins. R. L. Murphree, E. J. Warwick, L. E. Casida and W. H. McShan. . . . .	12
Survival of Multiple Pregnancies Induced in the Ewe Following Treatment with Pituitary Gonadotropins. L. E. Casida, E. J. Warwick and R. K. Meyer. . . . .	22
Distillers' By-Products in Swine Rations.	
1. Creep-Feeding and Growing-Fattening Rations. B. W. Fairbanks, J. L. Krider and W. E. Carroll. . . . .	29
The Influence of Seasonal Differences on the Growth of Navajo Lambs. Cecil T. Blunn . .	41
Comparison of Growth in Karakul and Mutton Breeds of Sheep. Victor L. Simmons. . . . .	50
The Use of Urea in Making Silage from Sweet Sorghum. A. E. Cullison. . . . .	59
The Phosphorus Requirement for Fattening Lambs. W. M. Beeson, R. F. Johnson, D. W. Bolin and C. W. Hickman. . . . .	63
Iodine-Fluorine Relationships in Sheep Nutrition. J. D. Hatfield, C. L. Shrewsbury, F. N. Andrews and L. P. Doyle. . . . .	71
Fertility of Range Beef Cattle. A. L. Baker and J. R. Quesenberry. . . . .	78
Record of Proceedings of Thirty-Sixth Annual Meeting. . . . .	88
President's Address. L. A. Maynard. . . . .	88
Cooperation of the Five Animal Science Societies in the War Effort. George H. Hart. .	91
Minutes of Business Meeting. A. D. Weber. . . . .	97
Chairmen of Committees for 1944. . . . .	101
Memorials. . . . .	101
News and Notes. . . . .	104