

Book Reviews.

A GOOD BOOK FOR STOCKMEN.

The fundamental principles of feeding farm animals are the same the world over. The man who feeds in a scientific manner is able, not only to use his feeding stuffs more economically, but he can obtain animal products more cheaply than can his neighbor who ignores the help that science offers him. A volume discussing the first principles of scientific feeding, equally useful to student, stockman, and farmer, is that entitled, "First Principles of Feeding Farm Animals," by O. W. Burkett, and published by the Orange Judd Company, New York. Mr. Burkett was formerly Professor of Agriculture in the New Hampshire and North Carolina Colleges, and Director of the Kansas Agricultural Experiment Station, and is now editor of the American Agriculturist. Being eminently fitted through years of study and practical knowledge of feeding problems, and having gone to the bottom of the scientific side of animal feeding, Prof. Burkett has turned out a most excellent work of nearly 350 pages, handsomely, profusely, and appropriately illustrated, divided into twenty-four chapters, dealing with everything, including the relation of the soil to the plant, and on to the animal, the contents of feeding stuffs, processes of digestion, composition of animals, food nutrients, compilation of rations, costs, feeding all kinds and ages of animals, including young and breeding animals, dairy and beef cattle, horses, sheep, and swine, as well as poultry, and a discussion of silos and silage, as well as the relation of food to manure. A book for all agriculturists interested in domestic animals, including farmers, breeders, students, and teachers. The book contains 188 illustrations, is concise, written in an expressive and distinct style, and printed in a bold, clear type, a credit to the publishers. This book may be had through this office, at \$1.65, postpaid.

Gossip.

SUCCESSFUL SHORTHORN SALES.

A series of auction sales of Shorthorns in Western States, held the first week in April, was very successful. On April 2nd, at Anoka Farms, Waukesha, Wis., F. W. Harding sold 37 head at an average of \$564, the highest price for a bull being \$1,625, for the roan yearling, Gloster Mine, a prizewinning son of Sultan Mine. The purchaser was E. A. Hess, of Iowa. Cruickshank Fashion, a roan junior yearling, went to H. H. Diers & Son, of Iowa, at \$1,200, and Heart's Delight Farm, N. Y., secured the roan yearling, Prince Lavender, at \$1,100. The top price of the sale was \$1,750, for the roan three-year-old cow, Sultan's Aconite 2nd, taken by Heart's Delight Farm. Eleven bulls averaged \$708.65, and 26 females averaged \$502.80. The roan two-year-old heifer, Mischief E. 3rd, bred by W. R. Elliot & Sons, Guelph, Ont., where she won the championship at the Winter Fair in December, 1912, and was purchased by Robert Miller, Stouffville, Ont., for \$600, sold at the Toronto consignment sale in February, 1918, for \$700, and at this sale for \$1,075.

At Chicago, April 3rd, Geo. J. Sayer sold 47 head for an average of \$280, the highest price being \$925, for the red two-year-old heifer, Pleasant Mildred, sold to The Farmer Farm, Minnesota. On April 4th, at Chicago, D. R. Hanna, Ohio, sold 35 head, for an average of \$426, the highest price being \$1,000, for the roan yearling, Village Chieftain, purchased by H. G. McMillan & Sons, Iowa. At Chicago, April 4th, Thos. Stanton sold 57 head, for an average of \$390, the top price (the highest of the series) being \$1,825, for the roan yearling bull, Sittytton Sultan, purchased by James Yule, Winnipeg, Man. The top price for a female was paid for the roan two-year-old, Sittytton Lady, also purchased by Jas. Yule.



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