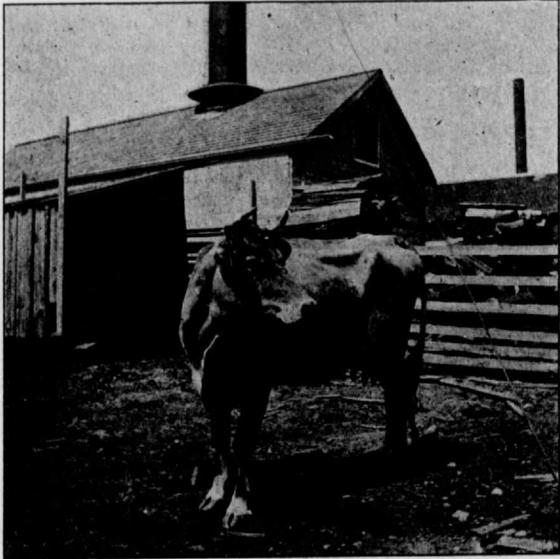


## RANCH AND RANGE.

## HITS MANY NAILS ON THE HEAD.

Secretary of Agriculture, Hon. James Wilson, made some very pertinent remarks in an address at the commencement exercises of the Maryland Agricultural college, which we give below:

"The uneducated man earns on the farm from \$10 to \$20 a month; the educated man easily earns from \$50 to \$100. An improved pasture will sustain an animal to the acre; an unimproved pasture requires several acres. The native horse, without blood or development, in some of our Northwestern states, is valued at \$10 a head; a well-bred, well-developed horse is worth from \$100 to \$1,000. The native cow in some of our newer states yields \$7.50 worth of products in a year; the improved cow in the hands of a skilled dairyman yields \$75 worth of products in the same time. Corn in Iowa, some years, is worth 10 cents a bushel where it is the one crop of the farm; but the skilled feeder makes it worth 40 cents a bushel. The native pineapple weighs from three to four pounds, and sells for 10 to 20 cents apiece; the scientist hybridizes the same pine and



"The Ledges" Jerseys...See Page 3.

makes it weigh from eight to twelve pounds, and sells it for 75 cents to \$1 apiece. The uneducated laborer produces cotton as his sole crop, and sells it for 5 cents a pound; the educated laborer diversifies his industry, and puts high-selling products on the market.

"The young man's labor when he comes to college is worth no more than that of the uneducated farm hand; but if he studies the sciences related to some one industry, his labor is in demand everywhere. His earning capacity was equal to one laborer when he entered; it is equal to half a dozen when he graduates.

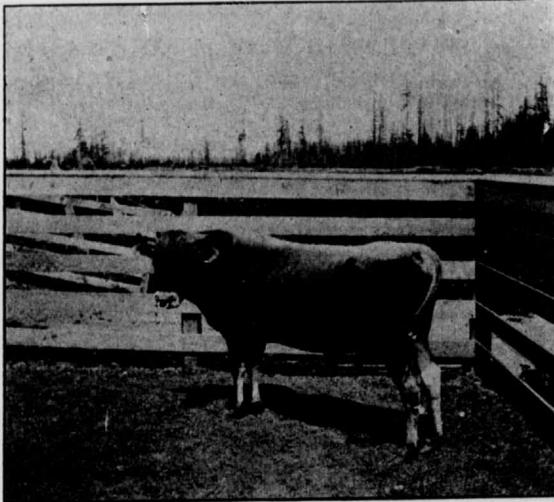
**We Approve.**

"The graduates of the agricultural colleges of the several states, who have laid the foundations of a scientific education, should be invited by congress to go to Washington to pursue their studies in special lines and get facilities and direction from the chiefs of divisions, without expense to the students. They could have access to the departmental and congressional libraries, to the museums of the departments and of the Smithsonian Institution,

which contains departmental material. The university that George Washington had in mind is in existence now in the capital city. It lacks only the students. I shall in my next annual report to the president and congress ask that this authority be given to the secretary of agriculture. No additional appropriations would be necessary until large numbers required a lecture room, which congress would promptly provide.

**The Queen.**

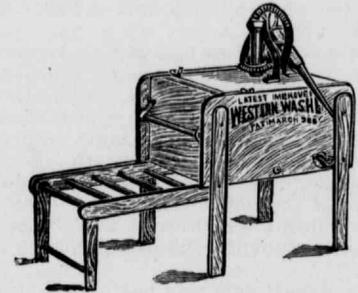
"Not only should the agricultural college see the scientific education of the farmer's boy for out-of-door work, but the girl should receive scientific instruction regarding home duties. She should understand the laws of nutrition with regard to feeding human beings as thoroughly as her brother should understand the feeding of foreign animals. She should know bacteria and their work on meats and dairy products, decomposition in the cellar and kitchen, in the gutter and refuse heap. She should learn how to balance a ration for a child, a growing boy, a working man, or an octogenarian. She should comprehend ventilation, the effects of sunshine, shades and coloring; she should know how



A meeting has been called for July 16 at Mount Vernon for the purpose of organizing an agricultural and horticultural society. It is the purpose to hold a county fair in Mount Vernon next September.

## Saving a Woman's Life.

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