

LIVE STOCK

CALVES FATTENED ON SILAGE

Baby Beeves Required Less Careful Feeding Than Those Getting Heavy Grain Feed

Silage-fed baby beeves are profit-makers, according to the results of a feeding experiment with 60 beef calves conducted at University farm under direction of W. H. Peters, chief, and N. K. Carnes, both of the division of animal husbandry. That barley, which can be profitably grown in many Northern climates where corn will not mature, is a highly satisfactory fatten-



A Pair of Young Shorthorns.

ing feed for beef cattle was also proven in the feeding trials.

Calves getting silage, plus a full feed of grain, feed more regular and required less careful and skillful feeding than the calves getting a heavy feed of grain and no silage. The silage-fed calves made a gain of 2.36 pounds per head per day for a period of 136 days, while the calves fed without silage were valued at 10 cents per 100 pounds above the calves fed silage, yet the silage-fed calves showed a net profit of \$17.90 a head, while those without silage showed a profit of \$16.15 a head.

Barley proved practically equal to corn, pound for pound, in making gains on fattening calves, but because of its greater cost and the lower saving of feed made by hogs following, the corn-fed calves showed a profit of \$16.15 a head, while the barley-fed calves showed a profit of only \$6.01 a head.

Purebred beef calves, high-grade beef calves and common calves showing same traces of beef breeding when compared, made similar gains on similar amounts of feed, though the difference in selling price was marked, the purebred calves bringing \$86.78 per head, the high-grades \$83.45 and the common calves only \$56.18.

MINERAL MIXTURE FOR HOGS

Wisconsin Specialist Recommends Combination of Which Charcoal Is Chief Ingredient.

Experience has taught the stockman that a mineral mixture is a good thing to keep before the hogs in the winter time.

G. Bohstedt of the animal husbandry department has just made a mixture to feed to the hogs in the Wisconsin Agricultural college herd. It consists of: Two hundred pounds of powdered charcoal; 100 pounds of wood ashes; 100 pounds of air-slaked lime; 100 pounds of ground rock phosphate; 50 pounds of salt; 10 pounds of sulphur and 5 pounds of copperas.

A mineral mixture such as this is not considered necessary in the summer time.

HEALTHY PIG FORCED ALONG

Should Be Placed on Market as Soon as Possible—Give Access to a Self-Feeder.

As long as the pig is healthy he should be forced along at a rapid rate and placed on the market as soon as possible. Just as soon as practicable he should have access to a self-feeder and should be consuming a reasonable quantity of feed before weaning.

SOWS NEED SOME ATTENTION

Glts About to Farrow Should Be Watched Closely and Kept in Good Condition.

Sows expected to farrow will need some attention. Especially should farmers with gilts to farrow watch the animals and keep them in fine condition; not fat, but in good living and growing flesh. The feed should be such as will develop the animals but not let them put on too much fat.

SECURE BIG SWINE RETURNS

Constant Care and Attention Is Required From Very First—Care of Sow Is Important.

In order to secure the greatest returns and to have a minimum of losses, constant care and attention is required from the time the pig is born until it is marketed. In fact attention to the pig should begin before birth and much can be accomplished through the feed and care of the pregnant sow.

BOY SCOUTS

Conducted by National Council of the Boy Scouts of America.

SCOUTS AT WINTER CAMPS

A big thought in scouts' minds at this time is winter camping. Camping with its health-giving work and play is so vital a part of a scout's activities, that the keen frosty air only serves to enhance the joy of life outdoors.

Six hundred and fifty scouts of Greater New York spent the holidays at the big Bear Mountain camp. The program consisted of scouting's combination of out-of-doors work and educational training. The day's routine was as follows:

7:00 a. m. reveille, 7:05 a. m. calisthenics, 8:00 a. m. breakfast (hot pancakes) etc., 9:00 a. m. to 11:00 a. m. instruction and games, 12:00 noon dinner (piping hot), 1:00 p. m. to 2:00 p. m. rest period; 2:00 p. m. to 4:00 p. m. competitive games, hockey, skating, tobogganing, snowshoeing, skiing, etc.; 5:30 p. m. mess, 7:00 p. m. camp fire, 9:00 p. m. taps.

In Chicago the Kiwanis club of Englewood, Hyde Park and Woodlawn have furnished two cabins in the forest preserves not far from the city. On the site is an artificial lake amid beautiful rustic surroundings. The Kiwanis officials have turned over "the keys of the preserves" to the scout officials for the use of the boys.

Ames (Iowa) council prepared a Christmas vacation camp for its "hard as flint" campers. The forest ranger in charge of the state park where the boys camped, requested the scouts to assist him in the establishment of new trails, in marking these and the existing trails, in clearing brush from the scenic points, and in maintaining feeding stations for the wild life which is abundant in the park.

Besides these camps, hundreds of others will be conducted during the winter and attended by the sturdy scouts bent on making themselves strong and fit for present and future citizenship and service.

SCOUT SAVES COMPANION

On the day of the following rescue, Harold Beal, thirteen-year-old scout of Westery, N. Y., was in swimming with five companions when one of the boys became exhausted while beyond his depth, and sank beneath the surface. Beal saw his chum's predicament and started to swim towards the boy, who had come to the top and gone under the second time. When he came to the surface Beal grabbed him by the hair and started to pull him toward the shore. Another lad of the party attempted to help Beal, but was pulled under by the struggles of the half-drowned boy, and Beal had to complete the rescue alone. When the rescuer and the rescued reached land the latter was resuscitated by methods taught the troop in their life saving work and soon the lad was able to go to his home without assistance. Scout Beal is an extremely modest hero and the story of the rescue would never have been told were it not for some of the witnesses who insisted the boy's heroism be made known to his scout brethren.

NEW DEPARTMENT FOR SCOUTS

Out of the 18,614 scout troops, 8,231 are in territory in which a local council does not exist. To render these troops the same special, direct, personal service that local councils can give, a new department has been created at the national office, with George W. Ehler as director. This "Department for Troops Not Under Council" will have control of the consideration of applications for registration of troops not under council, troop organization and management, merit badge activities, etc. Among other responsibilities which this department will develop and care for are: proper organization of new troops, co-operation with established troops, promotion of advancement of scouts, consideration of and help in individual scoutmaster's problems of organization and management.

STUDY SCOUTING IN SCHOOLS

The value of the boy scout movement in citizenship training has caused the board of education, Atlanta, Ga., to embody a course on scouting in the school curriculum. The work will be given in the fifth, sixth and seventh grades in the form of a course in civics based on the scout movement. Study of the course will not entitle students to rank as scouts. It is given to acquaint pupils with the aims and scope of the movement.

SCOUT SAVES BROTHER

By means of his stocking and a stick which he picked up in a brook nearby, Scout Edwin Howard of DuBoisstown, Pa., saved his brother Warden from bleeding to death. The boys were playing when Warden fell, cutting an artery in his leg. Following his first-aid instructions, Edwin made a tourniquet of the stick and the stocking and applied it above the wound. The doctor stated that the scout had saved his brother's life by stopping the flow of blood.

JOIE'S DEFENSE

By MOLLIE MATHER

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"Everything," said Joie disconsolately, "has some uncomfortable feature to offset the good."

"Which means?" Mrs. Warren asked smilingly.

Josephine Ware looked up at her friend.

"Which means," she returned, "that life since I met Bruce and loved him has been too beautiful to last. And now Helen Martin tells me that Bruce has a most exacting and sensitive mother. Helen says she doesn't know how he ever dared to become engaged without first consulting his mother."

Joie was favorably impressed with her mother-in-law to be, on the first occasion of their meeting. And Joie too, in all her abrupt frankness, promised to win the heart of the elder woman. Bruce was proudly happy and Mrs. Warren smiled satisfaction.

"Josephine is such an honest little soul," she told the mother of Josephine's fiancé.

On her birthday Joie rejoiced in the gift with a personal touch that Mrs. Gordon sent to her.

"It is as though she had known of my preference for dull blue," Joie said to her lover. "Did you ever see such a lovely belt, Bruce? Oriental. Just the thing to wear with my new house suit."

"Perhaps," Bruce suggested, "she may have learned of your preference from me. And perhaps I may have mentioned that modish little dress, as well."

"You are both of you dears!" said Joie. Tenderly she replaced the pretty belt in its tissue wrappings, and closed the gift box. Then she went forth to purchase a birthday gift for Lettie Warren. Lettie desired modestly, a collar and cuff set for her sweater. So Joie made her way to Julia Webster's novelty shop. Miss Webster was a dealer in fine needlework. Here, Joie knew, she would be able to match Mrs. Warren's daintiness. The white linen set which she selected had a fine hand-made edge in keeping with her friend's accustomed taste. But because the simple gift contrasted humbly with a beautiful necklace Mrs. Warren had that morning sent to her, Joie felt called upon to write a line of greeting.

"This bit of linen and lace, may not be called a gift, Lettie, dear!" she wrote. "Accept it for the love that goes with it."

Following events were so insidiously different that she could scarcely realize what had happened. Bruce, openly as attentive as ever, was constrained and cold in her presence. Mrs. Gordon had gone home without calling or sending for Joie to bid her goodbye. When she took her perplexities to Lettie Warren that young matron was unusually grave. "I have bothered about the situation myself," she said. "And I really cannot understand Mrs. Gordon's attitude. During the latter part of her visit she never mentioned your name, while at first she was happy in praise of you. 'I am so glad,' she said to me, 'that Bruce has made such a pleasing choice.'"

"I suppose it is just one of the unexpected traits of character that Helen warned me about," Joie decided. "But why should Bruce follow her example of coldness? That he disapproves of me is evident, and I have no way of knowing the cause. When I question him he gives an evasive reply. I believe," added unhappy Joie, "that I shall relieve them both by breaking the engagement."

That evening as Bruce came gravely into the living room Joie lifted a white and gold box from the table. With reluctant fingers she drew from it the blue and gold belt.

"I—I can't wear it Bruce," she childishly said, "when your mother no longer cares for me. It was lovely of her to send it, and I loved her for her kindness. But now that she is no longer kind—"

Quietly Bruce Gordon ended the broken sentence. "Mother was disappointed in you, Joie, and so I admit, was I. But that will pass and we shall all be good friends again."

It was Bruce now who ceased speaking abruptly. The tissue wrappings of the box fell from Joie's hand to the floor. On one tissue square lay a fold of linen and lace. Wonderingly, Joie stooped to pick it up. Before them was a collar and set. The exact set that Joie had purchased from Julia Webster to give to her friend. Confusedly she explained this to Bruce. The light that flashed across his relievedly transformed face was more confusing still. His old dear smile was turned upon her.

"Why, Joie mine," he said, "the unhappy incident is explained. When Lettie Warren showed your gift to mother that day so soon after mother had sent the collar and cuff set to you, and after Miss Webster, as mother told me, insisted that she carried but one article of each pattern, why, mother was shocked at your—well—lack of sentiment, or discretion, in passing on what she supposed was her gift to you—the very woman who was her hostess. There was, too, something about an accompanying note. Do you recall your wording, Joie?—'Such a simple gift being no gift at all,' or words to that effect."

Bruce Gordon laughed. "Poor affronted mother!" he said. "We must go out to see her at once." Joie's eyes were shining. "To think that I never looked under that second layer of tissue."

OUR COMIC SECTION

The Late Models



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So He Was Hired



Insurance Agents, Give a Look!

