

**Iowa State College
Girls Organize Club**

**Work Deals With Practical
Phases of Farm and Home.**

(Prepared by the United States Department of Agriculture.)

A college girls' club has been formed by former members of the farm boys and girls' 4-H clubs, now attending Iowa State College of Agriculture and Mechanic Arts. These young women, according to reports to the United States Department of Agriculture, assisted in many ways at the recent short course held by the Iowa college for club girls from the counties. A committee of the college club met the young visitors at the railroad station on their arrival for the short course. Another committee showed the girls the interesting places on the campus during their stay. And forty members of the college club served the junior banquet given for short-course students by the college. Members of the organization meet once each quarter for dinner together and to make plans for welcoming all new club girls who may come to the college.

4-H clubs are organized and conducted for farm boys and girls, ranging in age from about ten to twenty years, by extension workers. The work of the clubs, dealing with practical phases of farming and home making, is planned to train the mind or head of the boy or girl to think, plan, and reason; to train the hands to be skillful; to attain the best possible health for efficiency and enjoyment; and to train the heart to be kindly and sympathetic toward the work and toward associates; hence the term 4-H, or head, hands, health, and heart clubs.

**Discover More Cars and
Trucks Owned by Farmer**

The United States Department of Agriculture recently discovered that 923 farmers in every 1,371 owned 1,000 automobiles and motor trucks.

It was shown furthermore that nine-tenths of these cars were farm business cars. Two-thirds were of the low-priced type and most of them were several years old. About one-fourth of the number were motor trucks, while the fancy roadsters, coupes and sedans composed less than 10 per cent of the total.

A few narrow-minded individuals still are howling that the farmer is doing too much joyriding. That he should lock his car up in the barn and walk and enjoy some real prosperity after a few years, but only a few are howling in that key. Time is just as important to the man on the farm as it is to the man in the shop. He buys a mower because it saves time in cutting hay. His binder is faster than the cradle, and likewise his motorcar is faster than his team and his truck can haul more in less time than he formerly hauled with his horses. It's too bad, of course, that the motorcar can be used for pleasure occasionally. It gives the howlers an opportunity to howl, but let 'em howl. If using a motorcar for pleasure occasionally is a misfortune, we're glad to have it to contend with.

**Good Demand for Higher
Grades of Beef Cattle**

Cattle feeders who finish on grain for market fared very well during the past year, says the United States Department of Agriculture. Prior to the war cattle ranging in weight from 1,200 to 1,350 pounds were about 17 per cent above the price of range cattle. In 1922 cattle of this weight sold about 36 per cent above the price of range cattle. In 1922 good to prime cattle were about 50 per cent above the price of feeder steers, whereas in September, 1923, they ranged to about 70 per cent above. The high industrial activity has given a good market for good beef and has stimulated a demand for the higher grades of cattle which come finished from the feed lots of the corn belt.

Farm Hints

Ice houses are scarce, but the need for them is boundless.

Raising good calves properly is one way to build up a good dairy.

Two slogans for the live stock man: "Feed or get fooled," and "Keep the best; sell the rest."

Get the spray outfit ready and pay particular attention to having the valves work properly.

It would appear that big dealers in farm products have been better sold on the co-operative idea than are many farmers.

Better give the grass a good start before turning out to pasture. Early grass has little strength, and early pasturing kills it.

Sweet clover, five years ago considered a troublesome weed by most farmers, now stands ahead of alfalfa in acreage in Ohio.

"Better late than never," does not apply to spraying for peach leaf curl. Get busy with the spray when the buds first start to swell.

Hogs like to roll around in the mud," some opponents of sanitation for hogs say. Children would too if parents didn't convert that natural inclination.

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**DAIRY
FACTS**

**FEED FOR DRY COWS
IS MOST IMPORTANT**

There is a tendency on the part of many dairymen to neglect the dairy cow when she is dry. Oftentimes she is put into some back pasture and forgotten, or if it is winter the grain is taken from her and she is given little attention. The dry cow is going to be the pro-

ducing cow, and her ability to produce during each succeeding lactation is partly dependent upon her condition at the time of freshening, writes C. L. Blackman in Wallace's Farmer. No dairy cow can do herself credit unless she freshens in a good, thrifty condition, for great demands are made on the cow at freshening time. The cow that is thin before freshening presents an emaciated appearance after freshening.

It is during the period shortly after freshening that the average cow milks heaviest, and a cow in low condition then can never do her best. Even if the cow is fed well after freshening, she must use large amounts of the feed to restore her depleted body.

Men who make large records have learned to take advantage of the tend-

ency of good dairy cows to produce more milk than their feed warrants shortly after freshening. That is, at this time the cow in good condition milks the flesh off her back, as we say. The cow that is in low condition has no reserve to call on, and consequently her milk flow decreases. Once the milk production is lowered for any length of time, it is practically impossible to restore it to its proper place. Thus, by not feeding the dry cow, the amount of production is decreased and her efficiency as a producer is lowered.

One of the well-known dairy feeders in Iowa has said that the feed given during the dry period was the cheapest feed used, meaning that it gave the largest returns. Do not lower the ability of your cow to produce by neg-

lect during the dry period. Feed her liberally, so that she may have reserve strength and "flesh" to supply the demands made upon her.

**Soy Beans Are Valuable
Source of Cattle Feed**

Soy beans are a comparatively new source of protein to the dairyman. Results have shown that this plant proves a very valuable source of protein as a roughage as well as a concentrate. The beans may be ground and fed in the grain mixture. Because of the oil nature of the bean it is difficult to grind the seeds very finely. The oil contained in the seeds has considerable commercial importance and several plants have been started in Iowa to extract the oil. The

cake remaining is quite similar to cottonseed or oil meal, and compares very favorably with them in feeding value. Soy beans have proved to be about one-third more valuable when ground than linseed oil meal. The cake contains less oil than the cracked beans, but has about 7 per cent more protein. Soy beans are very palatable and may be fed in considerable quantities. The Iowa experiment station found that when all meal was worth \$45 a ton for milk production, cracked soy beans were worth \$60 per ton.

Black Sea Is Unique.
The Black sea is unique among oceans and seas of the earth in that below a depth of 800 feet its waters are stagnant and lifeless.

