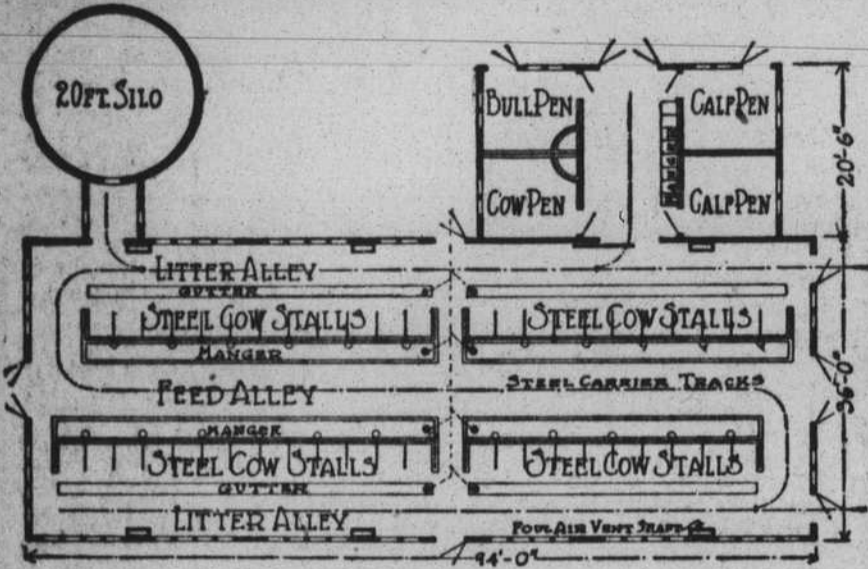
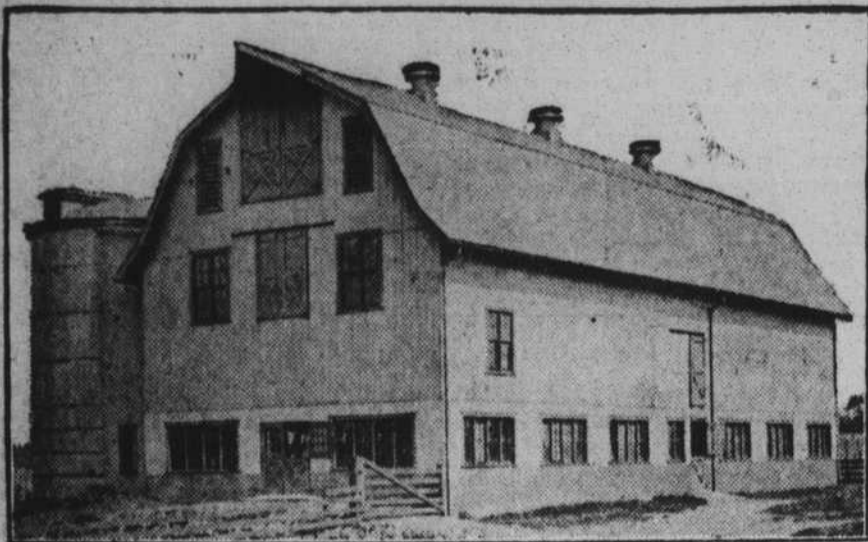


Gambrel Roof Dairy Barn of Up-to-Date Construction



Floor Plan.

By WILLIAM A. RADFORD

Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to the subject of building work on the farm.

This a gambrel-roofed dairy barn with cement foundation and frame upper structure and its plan emphasizes the kind of care such a structure should have in the building.

With its silo it should require the most careful planning from the farmer, both to have it fit logically into the farm building group of the farm and have the buildings represent a harmonious and well-balanced whole.

The dairy stable portion is about 9 feet in height. Nine feet is a good height; one might have less, in order to gain the greatest amount of mow space for hay storage above.

Built-in Feature Less Costly If Part of Plan

Considerable expense can be saved if the built-in features of the home are planned and arranged to be included in the specifications. It is the changing from one idea to another in home building that pyramids the cost and makes the original figure grow to unexpected size.

The kitchen arrangement should require considerable thought and the built-in features which make housework easy incorporated in the plan and made part of the original specifications. This feature is and should be the wife's part of home planning.

The great advances made during the last few years in the practicability and conveniences of built-in features has done much to eliminate wasted space, augment living comfort and reduce building cost.

The cabinet kitchen with its built-in refrigerator, work table and pantry in a single unit is an excellent feature. These cabinets are built with an attractive arrangement of compartments for flour, sugar, tea, coffee, etc., with convenient dispensing features.

The breakfast room, or nook, has become highly popular and is an ac-

Wintering of Pullets Requires Great Care

Culls Should Be Disposed of for Meat Purposes.

A poultryman must think about many things if he wishes to get his pullets in condition for a good total year's lay.

First, the pullets should be handled and graded into four classes—good, medium, poor and culls. The culls and poor birds should be sold for meat purposes. A pullet five months old, weighing less than three pounds, loose feathered and weak, is considered poor or a cull.

The next step is to grade and house the good and medium classes according to size and maturity rather than age. This will prevent a molt and will make feeding more efficient. Every bird should be treated with a good lice killer. A thorough cleaning and whitewashing should be given to all the pens. All leaks in the roof should be mended and the floors made dry. Straw should cover the floors to a depth of six inches. After the pullets are penned they should not be allowed out of doors until late in the spring.

Do not put more pullets in a pen than the roost and floor space will accommodate. Keep the house well open on the front, but have the sides and back tight against drafts. Use curtains on the windows when freezing weather begins.

Pullets require 12 pounds of scratch feed a day per hundred birds. This should be made of equal parts of cracked corn and wheat. If artificial lights are used, then 14 pounds of scratch feed should be fed each day. Mash should be available to the birds at all times. Do not allow the pullets to lay more than 50 per cent of normal production for the next few months.

Pure Bred Live Stock in Kentucky Is Progressing

Kentucky, long famous for its fine horses and blue-grass pastures, is not content with past laurels, but is making rapid strides in improving the quality of its food animals as well. According to Wayland Rhoads, field agent in animal husbandry of the Kentucky extension service, who recently visited the United States Department of Agriculture, scrub stires are being replaced rapidly with pure breeds.

The reports of Mr. Rhoads are supported by figures obtained in the "Better Sires—Better Stock" movement, in which Kentucky now ranks third among all the states. A total of 1,508 farmers in Kentucky have signed written agreements that they will use pure bred stires exclusively for all classes of live stock kept and will follow methods leading to further improvement.

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From the rich background of experience—with all of its unequalled manufacturing facilities—and inspired by a deep sense of personal obligation to Buick friends, owners and the general public—Buick will seek ever to maintain on an even higher level the confidence of the public which it now enjoys.

THOMPSON-LACKEY CO. DEALERS SHELBY, N. C.



When better automobiles are built, Buick will build them.

TWO BIG OPERATIONS AT SHELBY HOSPITAL

One Blood Transfusion and One Skin Grafting Operation—Hospital Has Its Largest Number.

The Shelby Public hospital last week had 25 patients, the largest number that has been in this institution at any one time since it was opened last summer.

Within the past few days, Drs. Harbison and Scruggs have performed two very difficult and unusual operations. Bobbie Rudasill, Shelby football star, gave up a quantity of blood from his veins which was transfused into the veins of his sister, Mrs. Jas. Willard. Mrs. Willard is doing much better now since the transfusion.

W. H. McSwain who has been a patient for some time suffering with a carbuncle on his neck, had skin transplanted from his leg to the back of his neck by Dr. Harbison. Dr. Harbison used the "pinch" method of skin grafting—picking up small pieces of skin from Mr. McSwain's leg and transplanting it on the back of his neck where it is growing and spreading so that it is gradually covering the sore.

Mrs. Margaret Doggett, widow of the late Minor Doggett, is a patient, having gone to the hospital Sunday. She suffered a fall but no bones were

broken. Hewitt Dellinger son of Graham Dellinger is there for an operation for appendicitis. E. M. Ford of Boiling Springs is getting along nicely. Mrs. B. E. Pearson of South Shelby is resting well from an operation. Miss Rebecca Bridges of Boiling Springs is there for treatment. Fred Guffey of Kings Mountain is there for an operation for appendicitis. Clyde Mull of Lawndale is resting well from a chest trouble for which he has been receiving treatment.

Miss Lola Hamilton of S. Shelby is a patient for treatment. Miss Dennis Byers of Patterson Springs is doing well from an operation for appendicitis. Mrs. J. F. Cline of Lawndale who has been under treatment is doing nicely. L. E. Dellinger of Kings Mountain R-4 is resting well from an operation for appendicitis. Broadus Newman is doing well and will be able to go home this week. It will be remembered he shot his foot about ten days ago. Mrs. J. M. Black who is undergoing

treatment is doing nicely. S. C. Lattimore of No. 8 township is recovering nicely from an operation. Mrs. M. F. Hamrick of Caroleen is a patient for treatment. Mrs. F. P. Patton of Shelby, operative patient is recovering rapidly. Mrs. Clarence Leonard was able to go home Sunday, after an operation for appendicitis. Mrs. C. F. Humphries of Symrna, S. C., is a patient suffering with a fractured hip. John Wylie Smith was operated on late Saturday night for acute appendicitis.

What the World Is Doing

AS SEEN BY POPULAR MECHANICS MAGAZINE

Sun's Rays Make Alarm Clock of Cannon

Sunlight is called upon to inform the residents of a community in southern Europe when high noon has arrived, by



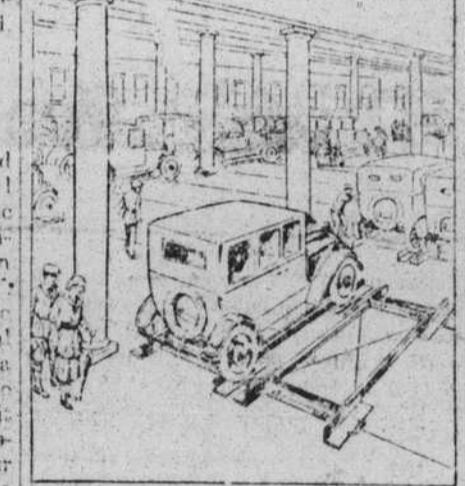
setting off the charge in a cannon. Fixed to the piece is a small lens that focuses the rays on the touchhole of the gun in such a way that they do not reach the powder until the sun's position is directly in line with a tiny opening. The supports of the "alarm" are arranged to adjust it to the light beams at the same time every day of the year. Often the device fails to work because of cloudy skies that prevent sufficient heat from reaching it to ignite the explosive. The hours are indicated on a clocklike dial.

Bees, Color-Blind, Must Learn Way by Experience

Bees are color-blind and they learn their way about by experience rather than by instinct, according to tests recently conducted by scientists. The experts show that to these honey-making insects, red and black look alike, orange and yellow are the same as green, and there is no difference in the appearance of blue, violet, and purple. However, they can see ultra-violet rays, which are invisible to the human eye. It was found that the guiding influence which takes them back home is nothing more than experience. It has been long known that bees locate hives by color, the longer they have occupied them. During the experiments, some of them were put to sleep by ether, taken from a new hive, and moved 12 yards away. On the third day 30 per cent returned and 90 per cent had reached home on the eighth day.

Auto Stored on Sliding Shelf to Save Space in Garage

Polled from a driveway onto platforms that slide to their storage spaces on steel rails imbedded in the floor, automobiles can be parked in garages with great sav-

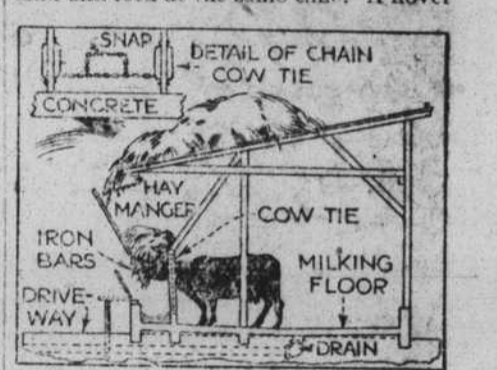


Greyhound Is Speed Demon of A. L. and L. Kingdom

Through a series of recently completed tests, the speed of an auto is reported to have been determined as follows: the greyhound, race horse, prong-horned antelope, hare, Texas jackrabbit, common fox, coyote, foxhound, and gray wolf. The records were made by noting the number of bounds made by each animal in a given space of time, by means of a stop watch, and then measuring the length of the leap. The greyhound, it was ascertained, can travel a short distance at 35 miles an hour, about four times an hour faster than the hare. None of those studied however, can keep up their speed for any considerable distance, although the fox and wolf can beat either the greyhound or race horse in this re-

A Novel Dairy Farm

Milking and feeding go together, and therefore provision should be made to milk and feed at the same time. A novel



dairy farm, which is arranged to permit this, is shown in the drawing.

The hay manger is located above the heads of the cows so that they have to reach up a trifle to pull the hay out; the bottom has a row of 1/2-in. bars to allow this. A hay manger of this type has the advantage of containing enough hay to last the cows for a number of days. The trap door of the hay manger hangs outward on chains and can be pushed back into vertical position whenever necessary, as in cold or stormy weather.

The grain manger is of the ordinary type, except that it is much larger and also lower. Both mangers can be filled from the outside, from a wagon or truck, the surplus hay being temporarily stored on the roof, ready to be raked into the manger when needed.

Another interesting feature of the dairy barn is the chain cow tie, which is an improvement on the stanchions usually used, as the cows have greater freedom to move their heads around, the bars permitting the chain to be moved up and down, but preventing the cows from moving backward.

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