

they are being used, which is a sign that they must be satisfactory, because anyone who has ever milked a cow has a vivid recollection of what took place in case the cow was irritated while being milked. Another feature which the milking machine people have carefully kept in mind was to get a machine which could be readily cleaned and kept in a sanitary condition. The lid to the milk bucket on a milking machine is sealed tight, so that there is no possibility of dirt getting into the milk, because it is not exposed to the air in the barn.

At each end of the barn will be constructed a feed room, for the storage of bran, cottonseed meal, etc. A 200-ton silo will be joined to each feed room, so that the ensilage and concentrates will be obtained at the same point. The barn will be constructed of asbestos-protected metal on heavy oak framing, so as to form the nearest fireproof building possible, without the use of brick, tile, or cement. The milk room, where the milk is strained, cooled, and put into the cans, will be built near the hay barn, which will be located no less than one hundred feet from the cow barn, as a protection against fire. The milk house will also contain a room for washing the milking machines, cans, buckets, etc. This will include a two-horsepower boiler, which will furnish steam for sterilizing utensils. The hay barn will also be one story, and will be large enough to take care of about one hundred tons of loose hay. A hay carrier, operating on a track similar to the tracks in the cow barn, will carry the hay from the hay barn into the cow barn. The grade from the hay barn to the cow barn will be such that it will take practically no effort on the part of the feeder to carry a large quantity of hay at each trip.

The water supply for the dairy will be obtained from a six-inch drilled well, deep enough to protect the source from any possible contamination. The steel tank at Whitney is being moved to the dairy for the storage of the water, and to supply the means of fire protection for all of the buildings on the place.

The milk will be hauled to Badin as soon as possible after milking, where it will be handled in the new milk station. This building will be erected between the Postoffice and the Badin Supply Company, and will be a beautiful addition to that section of town. The boiler for the generation of steam for use in sterilizing the bottles and heating the building will be located in the basement. On the first floor will be the clean bot-

tle storage, workroom, refrigerator, compressor room, and salesroom. Over the workroom will be a mezzanine floor, where a part of the equipment will be placed, so that a considerable portion of handling the milk will be done by gravity. The building is designed to afford the least possible chance for the accumulation of dirt and dust, and the hard surface floors and walls afford a means of thoroughly cleaning them at all times. The salesroom will have a tile floor and side walls. Large windows will allow a view of the workroom from the salesroom.

It is the desire of the company to have everything in connection with the dairy industry upon the most sanitary basis possible, and upon the completion of these buildings we hope that the people of Badin will take the first opportunity to visit both the dairy and the milk station. They will be open to inspection, so that anyone can satisfy themselves as to the conditions under which the milk is being produced.

As a point of interest to everyone, the production of milk is almost as important in the raising of a family as is the matter of schools.

At a later date, we will write an article on the process of handling the milk in the milk station.

—H. R. WAKE

The Vegetable Garden

The early crop of vegetables are all planted, and it will be well to call your attention to the cultivation and weed killing.

Kill weeds before they get too large. A garden rake will rapidly kill them when first starting, but later it will take more labor and time. Go over with a garden rake or cultivator as soon as dry enough after a rain, and in dry weather keep stirring shallow so as to maintain a dust blanket on the surface, and conserve the moisture below. This is very essential during dry weather; and never cultivate deep after your plants have attained a good growth.

In small gardens, where you can get manure, it pays to mulch around the plants to hold the moisture, and the plants are also benefited, after each rain, from the manure.

Sugar corn and string beans in small quantities should be planted every two weeks, thus giving a continuously fresh supply. Lima beans, either bush or pole, may be planted in the early part of June; a second sowing of beets, cucum-

bers, and squash should be sown early in the month. The early part of the month is a good time to sow navy beans, Davis Kidney wax beans, and black-eyed white field peas, to be gathered when mature for winter use.

The early part of the month is a good time to plant sweet potatoes. Eggplant and peppers should be planted now. Sow seeds of cabbage and Scotch Kale for late planting. This variety of kale is planted the same as cabbage, and is very hardy, and improved by frost. Carrots, parsnips, and oyster plant do well sown the latter part of this month. They make the best growth in the Fall months, and keep better than the earlier sowing. A successive planting of tomatoes should be made this month, so as to give tomatoes till frost.

Insecticides and Fungicides—Look out for potato bugs. Spray with Paris green; a little lime added to the Paris green will save your plants from being burned if you happen to make your solution too strong with Paris green. I prefer Pyrox, as it is a combined insecticide and fumicide. You can buy Pyrox from any seedman, in one-pound cans up. Bordeaux mixture is a popular fumicide. Tomatoes should be sprayed with any of the above mixtures when about six inches high, and at intervals during the season; and the same with Irish potatoes.

—G. S. ARTHUR

Great Times in Preparation for Independence Day

Our July 4 celebration will be held on Monday, July 5, with several new features added which will doubtless arouse general enthusiasm. The parade in the morning will prove quite an event, and doubtless the barbecue which will be served at a reasonable charge by Messrs. Manly and Orr in Pavilion Park will be welcomed by the numerous out-of-town people, and also by many Badinites who won't care to bother with dinners at home on that day.

There will also be new water sports features, and new field sports of laughter-making variety.

We are also making effort to secure an airplane for that day.

Following is the general program:
9.00 a. m.—Assembly at School Grounds.
9.30-10.00 a. m.—Parade of Band, Scouts, ex-Service Men, and Decorated Automobiles.

10.00 a. m.—Flag raising exercises in front of Main Office.

10.20-12.20—Water Sports.