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Farm and Garden

THE SILO FOR LATE CORN.

Cool July Means Late Maturity in Any Event.

Only those who are senselessly optimistic fail to see that some of the 1915 corn crop will be too immature to crib, says the Iowa Homestead. Ordinarily second planting and, in some instances, third planting will beat Jack Frost's record, but the cool July this year means late maturity in any event. Even early planted corn on well drained land will mature later this year than usual and if this is the case it stands to reason that second and third planting will have to battle for its life if it reaches maturity.

Under these conditions men are making a move in the right direction when they plan on the erection of a silo. We have said before that we are not inclined to favor the plan of filling the silo with waxy, immature fodder, but this is not equivalent to saying that



CORN MATURES LATE THIS YEAR.

reasonably good ensilage cannot be made out of corn even though the crop is cut before the grain is well dented. It is true that corn may not contain its maximum nutrition value until the grain begins to harden, but one had better have 75 per cent of a crop saved in good shape, as it will be put in the silo, than to run the risk of losing it all by trying to crib soft, mushy corn.

Those who have had experience in shocking immature fodder know that after it stands in the field two or three months it is of very little value, because it weathers much more rapidly than mature corn, and, furthermore, if it is shocked while it is green the immature ears will invariably mold, so that their feeding value is absolutely lost. The same kind of corn put into the silo conserves the full feeding value because air is excluded from ensilage and there is no decay of soft corn. More acid will form, to be sure, where the corn is more or less immature than where it is mature, but this simply means that the ensilage will have to be used rationally, presumably along with rather more hay than would be necessary if the crop had reached maturity.

The policy of converting at least part of the late corn crop into ensilage will be carried out this year by dairymen and beef producers alike. The South Dakota station found out by experiment that as much as two pounds of gain daily can be made on steers fed ensilage alone, and while this is above the average, yet it shows the possibilities that may be realized from this method of feeding. Used in conjunction with oilmeal or cottonseed meal ensilage makes an ideal food for all classes of cattle, and in some instances it has been utilized with good results in feeding it to horses. For the dairyman it is almost unsurpassed, particularly when one can feed in conjunction with clover or alfalfa hay or, as before stated, along with some of the rich concentrates like cottonseed meal or oilmeal.

ORCHARD AND GARDEN.

When a crop makes very good profits there is danger of growing too much, thus inviting disease and insect enemies that may be troublesome to combat. Diversified gardening is the best plan for most producers. This makes it possible to rotate, which is an advantage from a good many standpoints.

Feed the soil if you wish to have the soil feed you, applies forcibly to worn-out lands.

Good fruit can be raised only with care and attention given to spraying, pruning and generally good care.

The best compost heap is the manure of horses, cattle, sheep, hogs and fowls. All such should be saved.

Perennial flowering plants are satisfactory because they grow in the same place for years without much attention.

Know what you must spray for, then do the work right. Don't expect any one spray material to be a universal remedy.

Plow or grade up the poultry pens that are not occupied and sow to rye or a mixture of rye and clover. This will furnish green stuff for water and at the same time disinfect the soil.

OBLIGATION OF SPRAYING.

Spraying with insecticide is the life insurance of plant life. If it is neglected there is not only loss to the owner of fruit and flowers, but danger to the neighbor. If state supervision is justified over all nurseries that plant diseases may not be disseminated there certainly is a moral obligation on every plant lover to keep his own stock free of insect pests or disease that his neighbor may not suffer.

PASTURING ALFALFA.

It is an Acute Problem on Irrigated Farms in Certain Sections.

It is one thing to secure a good stand of alfalfa on an irrigated farm, but it is quite another problem to maintain a good stand of this legume when it is being continually pastured down. In numerous sections of the southwest, where the season is long and animals are kept on the field practically the entire year, the problem becomes acute, says the Country Gentleman.

Continuous close cropping damages the plants by root starvation, while tramping of the soil by the live stock, especially when the soil is wet from irrigation or rains, does further damage. The result is a rapid thinning of the stand. This allows Bermuda grass and noxious weeds to gain a foothold on the fields, the productivity of which rapidly decreases.

"To obviate these difficulties a system of rotation pasturing is being adopted on Arizona farms," reports R. W. Clothier of the federal office of farm management. "In this system the alfalfa is allowed to grow until sufficiently mature to make hay, and then the animals are turned into the field in sufficient numbers to harvest the crop quickly.

"I have made a careful study of several farms where this system apparently has worked out to perfection. One of these farms located near Phoenix, Ariz., was a dairy and stock farm of 190 acres, all in alfalfa. The alfalfa was divided into eight fields of twenty acres each. All these fields were pastured more or less at different times.

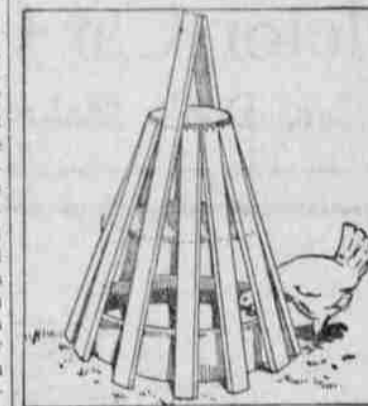
"In pasturing, the dairy cows were turned into the field first. When they had eaten the best of the feed they were put into a new field and other stock was turned into the first field to clean up the feed left by the cows. When the field was well cleaned up this second lot of stock was taken off, the field watered and not pastured again until another crop had matured.

"When a field was cut for hay the crop was put up with a hay loader and the stock turned in to clean up the waste hay. The field was then treated in the same manner as the fields that had been pastured.

"By this system this particular farmer keeps 108 animal units, forty-eight of which are dairy cows, on his farm for twelve months, and has 300 tons of surplus feed on the farm. With the help of two grown sons he does all the work. By this system the stand of alfalfa has been maintained in first class condition for ten years."

A Covered Fountain.

Clean water should be provided for the poultry at all times. In order to keep the fowls from getting into the drinking pan it is necessary to make some sort of a covering. A frame built of slats attached to a small round board at the top and a larger round



board placed about a foot above the water pan makes a splendid device. When placed over the pan the chickens have free access to the water through the slats, and the water keeps much cooler by being shaded. The frame cover may easily be lifted off and the water pan cleaned and refilled. By this arrangement the chickens cannot tip the water over.

Save Immature Corn.

The lateness of planting, the slow growing season and heavy rains all point toward a large percentage of immature corn this fall. What are you going to do with your soft corn? Are you prepared to "can it?"

The live stock farmer can profitably utilize this soft corn by putting it in a silo. The silo is an investment which pays high interest on the live stock farm. The man who has no silo will have to do the best he can.—M. A. R. Kelley, Missouri Station.

Spring Versus Fall Plowing.

The average results for five years, 1909 to 1913, inclusive, show that spring plowing was better than fall plowing for moisture conservation in yield of grain and cost of producing the crop. Spring plowing gave an average yield of 18.5 bushels per acre as compared with 16.8 bushels for fall plowing. Over-planting increased yield and the cost of producing the crop spring plowing gave a net acre profit of \$3.03 more than fall plowing.—Utah Report.

Classified Ads

The Wants of the People. Men and Women Seeking Employment; Help Wanted and Bargains in Everything from a tin pan to a High Class Crook County Stock Farm

FOR SALE

TEAM OF MARES—Weight about 1450 both with foal. Age 4 and 7 years. Call at this office. Mc 38tf.

GOOD—Work team and harness, for sale. H. K. Allen, Powell Butte, Oregon. 38tf.

WILL SELL—Or trade, for hay, one Jersey bull, two and a half years old, also one three year old Jersey cow has been fresh two months. Address postoffice box 158, Prineville, Oregon. 3812p.

ONE TEAM—Weight about 1250 each, dark bay saddle mare, broke gentle; sorrel colt, halter broke, one buggy, for sale cheap. Write Mrs. L. Jones, Prineville, Oregon, or phone. 38tf.

REGISTERED—Short horn bulls, one registered Poland China boar, for sale, also have small team geldings for sale or trade for cattle or sheep. Address, Farmer, care the Journal. 37tf

FOR SALE—Cheap, one Milwaukee binder. Inquire, Prineville Feed and Livery Stables.

FOR SALE—Gray Gilding 4 years old, weight 1100 pounds broke to ride, gentle to handle. Ray Constable. 31tf

FOR RENT

FOR RENT—2 partly furnished housekeeping rooms and 2 furnished rooms Mrs. L. C. Hill. Mc Laughlin house. Phone Red 153. 39tf

BOARDING HOUSE—For lease; good garden, garage in connection, location on Main street. Address Box 355, Prineville, Or. 38tf

FOR RENT—Modern bungalow. Inquire at this office. 36tf

FIVE ROOM HOUSE—For rent, on First Street. Inquire of Mrs. M. H. Bell, residence on Third. 32tf.

TO EXCHANGE

BINDER—To exchange for cow and calf. Binder practically new. Address B. care of The Journal, Prineville, Ore. 34tf.

WANTED—Men and women to make use of the Journal's classified columns.

HELP WANTED

WANTED—Agents to sell home grown nursery stock. Call at this office or write Theodore Hubbard, Grandview, Oregon. 34.

WANTED

WANT LISTINGS—Of stock and grain ranches for Portland or Willamette Valley property and cash, commission from one to five per cent. John Ferguson, 501 Geringer Bldg. Portland, Oregon.

DOUBLE SEATED HACK—Wanted. Will trade wheat or rye for same. Write C. J. S. Care The Journal. 39tf.

LOST AND FOUND

LOST—Two memo account books on Monday in Prineville, sizes 12 by 4 and 13 by 5. No value except to owner. Leave at this office. 39tf.

ESTRAYED

STRAYED—Yearling bull came to my place 2 months ago. Owner can have same by paying for pasture and this ad. Mrs. L. Dillon, Prineville, Oregon. 28tf

MUSIC TEACHERS

MR. THOMAS J. HILL—Of Portland Oregon will open a music studio in piano and voice in Prineville September 6th. 1915 for beginners and advanced pupils. Harmony, counterpoint, composition, and music history will be given as an advantage to the student. I will be pleased to refer you to Miss Blanche Williams in regard to my work and ability. For further information you may address me at Madras Oregon until May 28, 1915 after which please address me at my Portland home, 309 Jackson Street. 23tf

PLOWING WANTED

PLOWING—Party is prepared to do plowing and harrowing with a tractor, and would like contracts in the Prineville country. Notify this office or write George Whittis, Prineville, Oregon. 38tf

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