

Eggs-Ranch, 23@26c. Friplets, 27c; loaf, 28c per Ib.

Cattle-Steers, good, \$9.25@9.65.

Butterfat-44c delivered Portland. Cheese-Prices f. o. b. Tillamook Hogs-Medium to choice, \$12.50@

below the blue clay, or at a depth of about 8 feet, is a friable streak, more porous than the subsoil at a

greater depth. It is in this friable layer just below the blue clay that it is usually best to place laterals or collecting drains. The tiles should go under, over or around thick impervious layers [such as] Mr. Dougherty found at Brownsville. - Ed.]. "In typical white land the tiles will need to be about 4 rods apart. In most white land a fall of twotenths of a foot to the hundred feet can be secured for lateral drains, and one- to two-tenths of foot for main drains. This is the minimum grade desirable. The more fall the better, up to several feet per hundred. "Drainage in experimental fields studied has doubled the yield. Those who have tried it say it pays to tile white land." In the concluding sentences of ast week's installment of "So Big " Selina's victory over unfaorable circumstances is glimpsed. This week she is shown in the frution of her years of grinding toil. And tile draining, which her husband had sneered at, is the key to her success.

and farm prices would be even lower than they are. Cities would be lacking labor and the disparity between the purchasing power of farm products would be even worse than it has been in recent years.

"The danger in the movement is that will be selective, taking the best stock from the rural community and leaving the weaker elements of the population on the farms to the detriment not only of agriculture, but of the nation as a whole. The movement should operate in such a way as to leave in the country those elements of our rural population best suited to an efficient type of farming, a higher standard of living on the farm and in the rural community, and a standard of rural citizenship commensurate with the needs of our democracy."

Difficult, Says Expert

izing that in order to make dairying a profitable business, they must find a dependable crop, one that can be grown from year to year, and ald in cutting down their feed bills. They want to replace the timothy and wild grasses which now make up, over three-fourths of the roughage used in rations on Wisconsin dairy farms. Because of its resistance to drought. its wide range of soil and climatic conditions, its large yields per acre, alfalfa has advantages over any other crop as a solution to the dairy farmer's problem.

Farming Becoming More

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According to Director Sidney B. Haskell of the Massachusetts experiment

station. farming is becoming more difficult, due to higher market standards, soil fertility problems, insect pests plant and animal diseases, and competition with the factory which has brought about a shorter working day. This increasing difficulty works to the advantage of the educated farmer. The future of farming looks bright because of the increasing population, because there are no longer great areas of untilled soil in the West, and because the Middle West and South are now passing through the same era of industrialization which the East has already had. Each section of the country must adapt itself more and more to that type of agriculture that best fits its market and transportation facilities, its soil and its climatic conditions, and in order to compete on the market at the price set by the large producing areas, farmers must reach certain standards of efficiency per acre, per dollar and per man. More and more attention must be given to good seed, productive live stock, economical use of labor and to . the application of proper fertilizers in sufficient quantity to give the greatest profit.

Fruit of Concord Grape Is Produced From Buds

The fruit of the Concord grape is produced, almost entirely, from buds on canes of the preceding season's growth. Nearly all the buds on growth of that type will produce fruit-bearing shoots, if the conditions for growth are favorable the following spring. As a matter of fact, a varying proportion of the buds will lie dormant, owing to the natural tendency of growth to start from the tip of last year's growth rather than from the base. A small portion of the shoots on the vine may prove to be barren at harvest time. Sometimes this condition is due to a failure of the shoot to produce a blogsom cluster, but more often it seems to he due to some accident or condition that caused the loss of the cluster after blooming time.

Midsummer Vegetables For midsummer vegetables the shady garden is limited to varieties. String beans will give good enough crops to make them worth planting, although not as good as in the open sun. Parsnips and carrots often do fairly well. Leaf crops, in general, are more successful than root or fruit crops, and one that is sure fire is the Swiss chard for greens. It will give a good crop in a shady garden, although it will not luxuriate in the manner it does in the sun.

Care for early hatched baby chicks Avell. . . .

Repair pasture fences before busy season.

A grease goating on plowshares and mold board comes off a great deal easier than a rust coating.

Winter Wheat Crop is Short.

Washington, D. C .- A winter wheat crop about 116,000,000 bushels smaller than that produced last year is indicated for this year by the condition of the crop on April 1. The department of agriculture forecast the crop at 475,255,000 bushels in its April report.

13.50. Sheep-Lambs, medium to choice, \$11.50@16.

Seattle . Wheat-Soft white, \$1.62; western

white, \$1.60; hard winter, \$1.60; western red, \$1.58; northern spring \$1.60; Big Bend bluestern, \$1.90. Hay-Alfalfa, \$24; D. C., \$2\$; timothy, \$26; D. C., \$28; mixed hay, \$24. Butterfat-45c. Eggs-Ranch, 27@32c.

Hogs-Primes, \$13.75@13.90. Cattle-Choice steers, \$8.75@9.50. Cheese-Oregon fancy to retailers, 27c per 1b.; do standards, 25c; Washington fancy driplets, 24c.

Spokane.

Hogs-Good to choice, \$13.25@13.50. Cattle-Prime steers, \$8@9.50.

Oregon Herds In Good Shape. Salem, Or .- A survey by the United States department of agriculture show ed that in all excepting six coun ties in Oregon there is less than 1 per cent of tuberculosis affecting live stock, according to a statement is White Land is Fertile sued here by Dr. W. H. Lytle, state veterinarian.

Don't change an animal's ration abruptly. . . .

Guesswork never will tell whether or not seed corn will grow.

One-half the value of manure may be lost in four months if it is left exposed. . . .

Kohl rabi is an early-season vegetable when at its best, or a late fall one. Put in some seed early.

Oak trees are more subject to lightning than any other kind, according to observations by the federal Department of Agriculture.

The best annual to hide an unsightly object quickly is the castor bean, the most majestic annual in the flower Mats. The Zanzibar types are particularly fine.

Six years ago W. S. Hense of Tangent plowed a field of white land which came from the plow in slabs that could hardly be broken with the harrow. He practiced a three-year rotation, first corn, well cultivated; then clover, cut for bay; then pasture; then back to corn. The field is now in good tilth, shows a dark color and bids fair to be among the best in the oeighborhood.

Vegetable matter left in the soil, through rotating the crops and allowing the roots of the replaced ones to decay in the ground, to. gether with cultivation, did the trick.

But it takes perseverance. You an't change Willamette valley white land into a fertile field in a year. On some of it water stands too long for clover. There tile drainage will pay.

Properly Pruned Fruit

Trees Most Economical Fruit trees properly proned from the year they are set in the orchard until they have passed their age of usefulness will produce more and better fruit than the unpraned or improperly pruned ones. They will produce fruit more economically because pruning facilitates the culture, spraying, thinning of the fruit, and even the future pruning. Pruning consists in the removal of

superfluous parts of trees in order to assist in the control and direction of remaining parts and to facilitate other orchard practices. Trees to produce good crops economically must be vigorous, large, strong and spreading. It is the vigorous trees that produce annual crops. It is the large, vigorous, and strong trees that produce large annual crops with the least breakage and the least need of propping. It is the large, vigorous, strong, spreading trees that produce large annual crops of fruit carrying the best combination of size and color.

The state board of control has authorized the purchase of 47 acres of land adjoining the state prison property at a cost of \$28,800. The land will be used for farming purposes.

Sense of Duty

A sense of duty may not be the highest motive, but the best men are moved by it .- Presbyterian Record.

Giving to the Poor Give work rather than alms to the poor. The former drives ont indolence, the latter industry.

Sin in Infancy

Be not familiar with the idea of wrong, for sin in infancy mothers many an ugly act.

Pasturing Sweet Clover During Second Season

Sweet clover, the second season, should be pastured as soon as an animal is able to get a mouthful and should be grazed heavily, according to specialists of the Kansas State Agricultural college.

If a seed crop is destred, grazing should cease the last of June or the first of July and the crop should be allowed to make seed. Harvesting should be done September 1, or before. Close grazing is not likely to hurt sweet clover. As a matter of fact, it benefits the following seed grop, where seed is desired, by force ing the plant to make a fine, bushy growth, instead of a coarse, upright growth.

a jour chuintower andn't pan out as an early summer crop, try fall planting. Sometimes it doesn't do well early to the second

