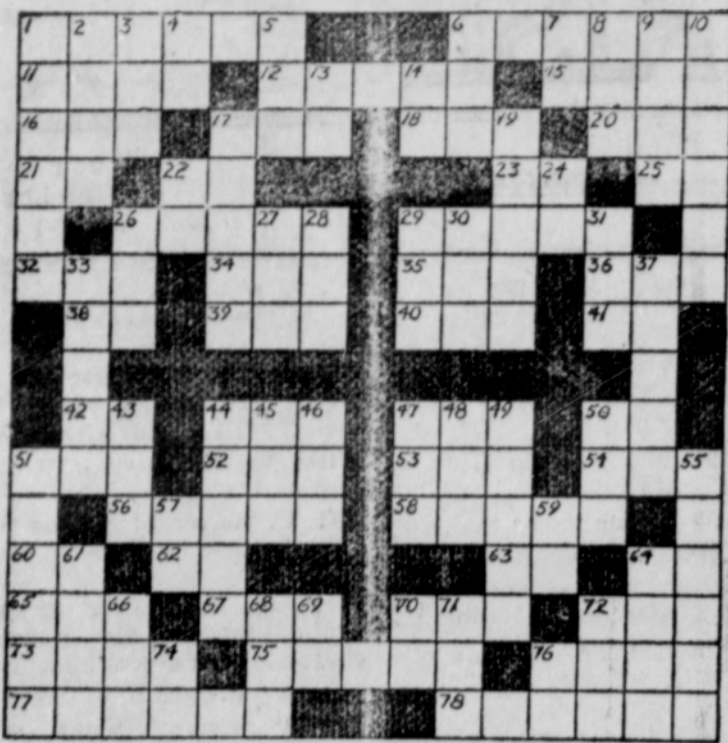


CROSS-WORD PUZZLE No. 21



- Horizontal. 1—Slide 2—Exposed 11—Handle of a sword 12—Confuse 15—Donate 16—Sick 17—Consumed 18—Mischievous child 20—Writing instrument 21—Personal pronoun 22—European river 23—In case that 25—Negative answer 26—Ward off 28—Postpone 29—Feminine rabbit 34—Small mound of earth 35—Fast line 36—Feminine sheep 38—Preposition denoting place 39—Commercial announcements (abbr.) 40—Period 41—You and I 43—Personal pronoun 44—Knock 47—Head covering 50—Approved (abbr.) 51—Inquire 52—Hell 53—To affect with pain 54—Venomous snake of Egypt 56—Go late 58—Lively 60—Like 62—Same as 41 horizontal 63—Expression of refusal 64—Personal pronoun 65—Fee 67—Fluid contents of a plant 68—Lad 72—Sheep's cry 73—First man 75—To provide food 76—Boat propellers 77—Decrease 78—Any of a number of complex organic substances, as dioxane, pepsin, etc., capable of transforming by catalytic action some other compound. Vertical. 1—Sounded harmoniously, as bells 2—Green 3—The whole quantity 4—Roadway (abbr.) 5—Reposed 6—Electrical unit of resistance 7—For example (abbr.) 8—Pitch 9—Level 10—Indicate 13—Exist 14—Note of musical scale 17—The great artery carrying blood from heart to all the body except lungs 19—Guide 23—Father 24—Note of musical scale 26—Stroke gently 27—A primary color 28—A derivative 29—Figs 30—Self 31—European coniferous tree 32—Vows 33—Division of calendar (pl.) 42—Ears 44—Established prior (pl.) 45—Street (abbr.) 46—Prefix meaning by, through 47—Vehicle 48—Song 49—Roman naturalist and author, 23-79 A. D. 50—Tree 51—Incarnation 52—Make glad 57—Point of compass 58—Thus 61—Margin, edge, border 62—Hurt 63—Staff 65—One 68—Dad 70—Exist 71—Vulgar metal 72—Reddish brown horse 74—Greek letter 76—Fraction of a pound (abbr.) Solution will appear in next issue.

Solution of Puzzle No. 20. AWL WAIT SHOE CWT SHOE SHORE SHOE LEMON STACK SCAR TALE REASURER PUP MAPPERS SAGE FEEDS CAPER YEARS WOULD DREAD SALES TREE TREE MANE YES

BRIEF GENERAL NEWS

John Marshall of Parkersburg, W. Va., was named assistant attorney general. Ern G. Eagleson, mayor of Boise, Idaho from 1919 to 1921, was again elected to that position at the municipal elections. The resignation of Solicitor-General Beck, to take effect upon the appointment of a successor, was announced formally at the White House. Attorney-General Sargent has issued orders imposing a "hard and fast" rule of silence upon all employees of the federal department of Justice. In an effort to prevent the spread of smallpox which has resulted in 19 deaths in Washington, D. C., since January 1, the public health service urged all government employees to submit to vaccination. Oregon, Washington and California are among the six states which show higher death rates in 1924 than in 1923, in figures compiled by the bureau of the census. The increase in each state is small. The important forest conservation measure prohibiting throwing of lighted cigarette, cigars or other burning material from moving vehicles and also restricting brush burning during the period of fire hazard in California was signed by Governor Richardson. J. D. Mickie, state dairy and food commissioner, is notifying egg producers and dealers that the egg law passed at the recent session of the legislature will go into effect on May 24. Total crop production in the Tule lake section for this year will exceed the half billion bushel yield of 1924, according to an estimate made by C. A. Henderson, Klamath county agent.

U. S. Customs Inspector Slays Wife. Tacoma, Wash.—Robert S. Heale, Tacoma building contractor, was shot and killed early this morning by George A. Conger, United States customs inspector, in a fit of jealous passion at the home of his ex-wife, Mrs. Mollie Conger, 27, in Tacoma. The shooting took place in the presence of Mrs. Conger and her two small sons, Leslie, 11, and George, 7. Ohio Governor Vetoes Bible Bill. Columbus, O.—The Buchanan bible bill passed by the recent session of the Ohio general assembly to make daily reading of the Bible in all public schools of Ohio compulsory, was vetoed by Governor Vic Donahey because "it opposed the principles of civic and religious liberty which have made our government the model for the world." Nebraska Dry Law Has Teeth. Omaha, Neb.—Giving away a drink of liquor in one's home or elsewhere in Nebraska is punishable under provisions of the new "pint of liquor" law which provides a penalty of from 90 to 90 days in jail and a \$100 fine for the first offense, Attorney General Spillman holds. For a second offense the penalty is two years in jail and a fine of \$5000. Annual Champoeg Celebration Held. Champoeg, Or.—Champoeg, where settlers in the great Oregon country made their great decision 52 years ago to affiliate with the United States rather than with England, was the center of historical interest in the Northwest Saturday. The annual celebration of the organization of the first civil government west of the Rocky mountains attracted perhaps the largest throng since the annual celebrations have been held, with more than 3000 persons on the grounds. President's Father Has Heart Trouble. Boston.—A condition known as "heart block," sometimes found with advancing age, was discovered by physicians who examined Colonel John C. Coolidge, father of the president, at the Massachusetts general hospital here. The colonel, who is 89 years old, made light of the incident of going to the hospital and said he was feeling fine.

A Halsey Hen Breaks Record

She Lays the Largest Egg and Dies...Rooster Sets and Raises Chicks

Last week Monday P. J. Forster found one of his big Rhode Island red hens dead, though he saw nothing to indicate the cause of her demise. When the eggs were gathered that evening one of them looked more like a goose egg than the product of a hen. The scales showed that it weighed 5 3/4 ounces, or less than three eggs to the pound, which is some egg for a hen. Measurement provided its circumference to be 9 1/2 x 7 1/2. Perhaps when the hen saw that egg she dropped dead from astonishment. Mr. Forster wintered 28 hens of his favorite breed. He prefers them for several reasons: They lay larger eggs than the Plymouth rocks and their eggs are white, which gives them an advantage in the markets. In these respects they equal the popular white Leghorn, and he believes the latter cannot beat the reds in number of eggs laid. Many days this winter he got 27 eggs from 28 hens. Mr. Forster keeps his hens in two flocks, a rooster with each. They have an outdoor run every day and the flocks alternate from day to day between a small yard and an extensive range. And when the cockerels and old hens are sold there is twice as much meat as Leghorns afford, or more, and it brings more money per pound. In February he ran a 2-line notice of setting eggs a couple of times in the Enterprise, and he sold practically all he could spare.

A sitting hen belonging to V. Mizzan of Kerry, Ore., died. A rooster took the nest, hatched the chicks and is now mothering the brood.

Too Early Grazing Sets Back Average Pastures

"Pasture for three and two to eat it," is the recommendation of a veteran live stock breeder who believes in the policy of keeping the growth of grass ahead of the grazing. By this plan, he says, the greatest total yield is secured and the pasture is left in the best shape for winter. Stock men at Minnesota university farm deprecate the practice of turning out farm animals on pastures too early in the spring. Often one week's delay will give the grass such a start that the pasture season under normal conditions will be materially lengthened. Trampling of the wet and loose soil by the farm animals is destructive of pasturage. Two acres of average pasture are required for each horse or cow. Six to eight sheep should be allotted about the same pasture as one horse or cow.

Practice crop rotation. Use cultivated or cleaning crops. Order any repair parts needed for farm implements. Why increase the risks of farming by gambling with poor seed? It pays to know what returns you are getting from the different enterprises on your farm. Sweet clover honey is of the highest quality. If you grow sweet clover, why not keep a few hives of bees? If the embattled farmers will stand together in co-operative selling, they can fire a shot heard around the world. Sweet clover is one of the best honey-producing plants known. The plants bloom abundantly and bees are very fond of the nectar. Fertilizers should be used to cut the cost of production and help maintain the fertility of the soil. It costs no more to prepare the seed bed, plant the crop and cultivate a 50-bushel crop of corn than a 25-bushel crop. A complete fertilizer is one containing nitrogen, phosphoric acid and potash. It must contain all three ingredients. A mixed fertilizer does not necessarily mean that it is a complete fertilizer. It may contain only one or two ingredients.

Annual Oregon Jersey Jubilee

The annual Jersey jubilee was inaugurated a few years ago to enable the Jersey breeders of the state to celebrate the establishing of a world's record by Vive La France. On every occasion since then there has been some notable achievement for the Jersey men to celebrate. Tours of the valley constituted the first year's program. Last year it took the form of a Chautauqua at the state fair grounds at Salem. This year county shows and judging contests will be the feature. The jubilee starts in Columbia county May 18 with a show of the Jersey herd on the L. C. Smith farm at Seapooose. Clackamas county comes May 20, with boys and girls judging at the county fair grounds. Marion county's day will be May 21 at the state fair grounds. Polk county May 22 at the Independence auto park. Linn May 23 at Bryant park, Albany. Lane May 28 at the L. D. Griggs farm, 3 miles from Eugene. There will be auctions of Jersey cattle. Linn and Polk are the leading Jersey counties, with Linn a little ahead. Linn breeders are raising \$400 for their program.

Chickens need sunlight to prevent rickets. Prevent weeds from seeding. Blessed is a gardener who delights in spring catalogues. A large part of every farmer's mental capital should be the experiences of others. Plow pasture lands and improve them, draining wet spots and building up poor spots. Kohl-rabi is an early season vegetable when at its best, or a late fall one. Put in some seed early.

SPECULATORS ARE BLAMED

Australians and Argentine Benefited By Artificial Grain Market. Washington, D. C.—The recent collapse in grain prices after their advance of last fall and winter, in the opinion of G. E. Marcy, chairman of the board of managers of the Grain Marketing company of Chicago, was caused by the tremendous holdings of speculators, and the misleading of the public as to the condition of the world market. Mr. Marcy, in a statement made public here, declared this misleading information made the American grain prices so much higher than the world prices during the period preceding the collapse that for the time being the American farmer lost his market and at the same time a much higher market was made for the Australian and Argentine farmers.

Raising Feed for Cows

The dairy farmer who can raise all or almost all of the feed for his cows has a distinct advantage over the dairyman who has to purchase his feed. It is cheaper to raise the feed than to buy it. Such a farmer has two opportunities to make a profit, first, in getting market price for his feed at his farm, and second, he should make a profit on his dairy products. As a matter of fact, a man who has to purchase all of his feed must have an exceptionally good market and efficient cows to make a profit.

Giving Dairy Cows Rest

Giving the dairy cow a rest of four to eight weeks is a matter of common practice among dairymen everywhere, and when we come to study the newer facts of nutrition we are impressed with the necessity of such a period for recuperation. The dairy cow is a hard-worked machine. Many of them give their own weight in milk month after month, and from year to year, and once a year give birth to a calf that may weigh close to 100 pounds.

Cheaper Milk Yield

The cost of milk production depends largely upon the cost of foodstuffs. Therefore, to cheapen milk production dairymen should feed large quantities of leguminous roughages, such as alfalfa, clover hay, bean pods, possessing high digestible content. Corn silage and leguminous roughages should form the basis of the dairy ration. With this source of high digestible materials the grain ration can be materially cut down and the cost of the dairy ration reduced.

Timely Hints From O. A. C.

Sow alfalfa about corn-planting time. Many farmers in the valley who intended to irrigate last summer found that they had waited until too late to install their pumping units, which took more time than they expected. The average income per ewe from the sale of wool and lambs is about \$9.80 in western Oregon. Expenses total \$9.70, of which about \$4.50 is for labor, interest on the investment and depreciation of the ewe. The earliest Oregon lettuce is that grown to a state of solid head in a cold frame. The young plants are set in the field early in March and mature about April 15. Cold frame lettuce is in demand in the spring and late fall. At this season Oregon potatoes in storage must be well ventilated to prevent sprouting. If the potatoes are spread out and the storage places opened on cold nights and closed during warmer periods they can be held in good condition longer. Eastern-grown seed corn is likely to germinate poorly in Oregon and give low yields. Even with a good stand and seeming high yield much of the content is water. Acclimated seed is best. There are 5 beekeeping districts in Oregon. Anyone contemplating the industry on a commercial scale in the state should study the local and climatic requirements of his district. Free bulletins on beekeeping may be had by writing to the extension service of the college. Before the mixing of a spray it should be softened or it may change the spray material to an inert form or into a form that may cause severe leaf-burning. Hard water softened with soap may cause as severe trouble as the hard water itself. Lime, quick or slaked, about two pounds to 100 gallons of water, is recommended.

Moth and Scab Are Fought From Air

Sixty Acres of Monroe Orchard Sprayed in 34 Seconds. Human aerial warfare is not to be confined to our fellow men. Insect pests are to be made to bite the dust wafted to them by airplane. This has been accomplished in the war on the cotton boll worm in the south and in some small eastern orchards, but the first instance on this coast was at Monroe last Friday. It is said to have been the largest experiment of the kind, though the actual operating time was hardly over half a minute—34 seconds in traveling half a mile and dusting 60 acres. O. A. C., which fathered and mothered the job, had invented a hopper from which the poison was discharged as the plane sped. The orchard was that of the Oregon Apple company, which takes its initials and names it the Oaco orchard. One hundred pounds of the poison was used. Following is a report furnished the Enterprise: Corvallis, Or.—Successful experiments conducted in orchards near Monroe, in the dusting of the fruit trees with airplanes convinced officials of the United States bureau of agriculture and officers of the 321st observation squadron of the 96th division, of the possibilities of this work in the future on a vast commercial scale. Approximately 60 acres of the 120-acre orchard operated by the Oregon Apple company, were completely "dusted" with an arsenate of lead and sulphur mixture designed to eliminate scab and codling moth from the orchards. The experiment was significant from the fact that it was the first time it had ever been attempted in the United States on such a large scale, and the attention of fruit growers of the Pacific northwest had been focused upon the preparations which have been made under the supervision of the Oregon experiment station under the direction of Oregon Agricultural college at Corvallis. A committee of apple growers of Wenatchee, Wash., was among the interested spectators and orchardists from different parts of the state attended.

A Cheese Factory

(Harrisburg Bulletin) All at once somebody has discovered the need of a cheese factory in Linn county. Home folks, how many of you know there is a cheese factory right here in Harrisburg? How many of you know that Harrisburg has one of the best cheese-makers in Oregon? How many of you know that the local product sells in competition with Tillamook day in and day out, and that it has been doing so for years? The fruit situation in Marion county is the most serious for many years, according to S. N. Van Trump, county fruit inspector. Mr. Van Trump said the Italian prune crop would be far short of normal. A similar condition exists with relation to the Petite crop. On the lowlands the cherry crop was badly damaged, while in the higher elevations the crop will be short of previous years. Not more than a 15 per cent crop of loganberries will be harvested. The raspberry and black-cap crops will not be 50 per cent of normal.

THE MARKETS

Portland. Wheat—Hard white, \$1.70; hard winter, \$1.57; soft white, \$1.58; western white, \$1.57; northern spring, \$1.60; western red, \$1.54. Hay—Alfalfa, \$20@21 ton; valley timothy, \$20@21; eastern Oregon timothy, \$23@24. Butterfat—41c delivered Portland. Eggs—Ranch, 23@26c. Cheese—Prices f. o. b. Tillamook: Triplets, 26c; loaf, 27c per lb. Cattle—Steers, good, \$9.75@10.25. Hogs—Medium to choice, \$11.50@13.35. Sheep—Lambs, medium to choice, \$8.00@15.75. Seattle. Wheat—Soft white, \$1.57; western white, \$1.55; hard winter, \$1.55; western red, \$1.54; northern spring, \$1.55; Big Bend bluestem, \$1.70. Hay—Alfalfa, \$24; D. C., \$28; timothy, \$26; D. C., \$23; mixed hay, \$24. Butterfat—43c. Eggs—Ranch, 27@32c. Hogs—Top hogs, \$12.60. Cattle—Choice steers, \$9.50@10. Cheese—Oregon fancy to retailers, 27c per lb.; do standards, 25c; Washington fancy triplets, 25c. Spokane. Hogs—Prime mixed, \$11.50@11.75. Cattle—Prime steers, \$8.50@9.75. A. E. Foote and wife were in town Wednesday.

For thrifty, healthy chicks feed FISHER'S CHICK FEED and "Developing Mash" O. W. FRUM

Advertisement for Fisher's Chick Feed and Developing Mash by O. W. Frum. The ad features a decorative border and text promoting the feed for healthy chicks.