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Captain Stays at Wheel When Vessel Goes Down
Buffalo—The steel tug Craig was rammed and sank in the Niagara river opposite the Grand Island ferry landing by the steamship Zillah, of Bay City, Mich.
Captain Frank Roseker, Jr., of Tonawanda, stuck to the helm and went down with his ship when the tug heeled over from the impact. Howard Glover, Green, and Leo Kropp, engineer, were rescued by the ferry.

DAIRY

Fit Methods to Follow in Production of Cream

Since at the present time, our farmers who are milking a few good dairy cows, are generally better fixed, financially, than those following almost any other line, it seems that we should pay particular attention to the handling of the product, that it may be put on the market in the best condition possible and thereby bring the biggest returns.

Methods which will aid in producing a good product:

Keep the barn and cows clean. Remove manure from stable twice daily. Wipe udder and flanks with a damp cloth, before milking.

Milk with dry hands, into a small top milk pail.

Separate while warm, to insure less waste in the skim milk.

Wash separator thoroughly after each separation. Use a brush rather than a rag. First use warm water and washing powder, then scald all parts thoroughly.

Do not separate into vessel containing the cooled cream. Cool freshly separated cream before adding it to previous skimming.

Strain cream thoroughly every time a fresh supply is added, using a strainer manufactured for the purpose.

A cooling tank should be on every farm. Run the water pumped for live stock through the cream tank and then into the stock tank.

Keep cooled cream in a sanitary place which is cool, sanitary, free from odors and well aired.

Cream should be delivered to market at least three times a week in summer and twice in winter.

Cream should not be allowed to freeze.—L. K. Crowe, assistant professor, animal husbandry, Colorado Agricultural college.

Brass Letters on Cans Will Prevent Much Loss

When the owner's initials or number is painted on his cream cans, they have to be remarked frequently, as the marks become dim, due to washing and shipping. In order to avoid this I solder brass letters to the sloping part of the can, just below the neck, writes W. R. Taylor of Missouri in the Rural New Yorker. Copper or brass letters can usually be purchased at the variety stores, but if



Brass Lettering on Milk Can.

not to be obtained they can be cut from a piece of sheet brass or copper with a pair of tinners' shears and a narrow chisel. Letters or figures made of aluminum will not do, as they are very difficult to solder. Cans so marked can always be easily identified and thus loss will be prevented. The lids should be stenciled or marked to correspond.

Dairy Cow Is Necessity, Claims Florida Expert

"As feed prices continue to soar, and the price of land increases, so will the dairy cow replace to a very large extent the beef steer, the sheep, and the pig as a producer of human food," says John M. Scott of the University of Florida experiment station. "And about the only rival the dairy cow has is the busy hen."

The dairy cow and the hen are the only two farm animals that produce good, nourishing food day after day, when properly cared for. They provide foods that are indispensable in the home.

"What is home without milk and eggs?" asks Mr. Scott. These items enter so largely into the preparation of food for the family, the cow meaning life itself to thousands of children.

"We owe the cow and the hen a debt that can be paid only by giving them the very best of care that they may produce the maximum amount of food," says Mr. Scott. And neither of them are now receiving the attention that will be theirs when their full value is realized.

Diseases of Fowls.

When a fowl sneezes, waters slightly at the eyes and nostrils, and the face puffs up, this indicates a common cold. When accompanied by a rattling in the throat, the trouble is bronchitis. Difficult breathing indicates pneumonia. Canker in the mouth means diphtheria.

When Duck Eggs Don't Hatch.

When the eggs from a certain pen of ducks do not hatch well, the trouble often may be corrected by changing the male to another pen or by introducing a new leader.

ROAD BUILDING

Study Science of Roads in Elementary Schools

The automobile industry is showing more than ordinary interest in a bulletin just issued by the bureau of education, Department of the Interior, entitled "Main Streets of the Nation," and intended as a study of projects on highway transport for elementary schools.

Prepared by Florence C. Fox, specialist in education systems for the United States government, it will particularly appeal to the children because their lives are very close to the highway question; good roads playing an increasingly important part in every child's experience.

The bulletin shows the remarkably interesting and practical lessons which have been worked out for elementary grades. In arithmetic, for example, a question such as this is asked: "If the railroad fare from New York to San Francisco is \$138.18, how much more, or less, will it cost to motor through the Lincoln highway than to go by train?" The solution involves problems in the cost of gasoline, the wear and tear of the machine, and the day's living expense en route, as compared with the cost of travel.

In the geography department interesting lessons are presented which afford imaginary journeys over the country's great highways. Important cities are located on the way, and brief essays written about the national points of interest in passing. The bulletin gives in great detail how such lessons may be prepared.

Problems in simple science are brought out by a study of road building, drainage and grading. Lessons in civics are exceptionally interesting and these include problems on financing; how to obtain a right of way; how bond issues are cared for, etc.

An important lesson deals with the safety question. Every parent is interested in this, and the work involved cannot fail to be of help and practical use to the young student in the face of the crowded streets and highways.

Wisconsin Will Renumber All Its Trunk Highways

Immediately following a conference of the special legislative committee, appointed to select 2,000 additional miles to the state trunk highways, division engineers and the state highway division commission to determine finally what roads are to be added, highway experts will begin work on the enormous task of renumbering all of Wisconsin's trunk highway system.

Almost every trunk highway in the state will have to be renumbered to conform with the additions made by the special legislative committee.

Under the new system there will be fewer short highways and more long highways, with several numbers overlapping each other on the main traveled through routes.

Wherever it is possible highway experts will plot routes direct from important centers. There will be no change, however, in the system or plan of marking the trunk highway system.

All highway maps are to be reprinted and revised following the new allocation of main highways, but this will probably not come until late in the spring. It will make main routes easier to follow, for it will not be necessary to switch off from one highway to the next on a long journey. Motorists will be able to enter the state on one highway and follow that clear through the state or to their destination.

Large Mileage Is Added to Federal-Aid Highways

(Prepared by the United States Department of Agriculture.)

Federal-aid roads totaling 8,820 miles were completed during the fiscal year ending June 30, 1923, bringing the total of federal aid roads completed to 26,595 miles. The mileage completed during the year is classified as follows:

	Miles
Graded and drained	1,850.1
Sand-clay	748.4
Gravel	2,815.4
Waterbound macadam	225.6
Bituminous macadam	852.9
Bituminous concrete	75.8
Concrete	1,449.3
Cobble	72.8
Other	19.8
Total	8,820.2

The projects under construction at the close of the year amounted to 14,772 miles and were estimated at 55 per cent complete. In addition to the 26,596 miles completed and the 14,772 miles under construction there were at the close of the year a number of projects approved but not yet placed under construction, the aggregate length of which was 6,917 miles.

Scheme of Texas Farmers for Building Good Roads

A settlement of wide-awake farmers near Lindsay, Tex., have a scheme for road building. On one farmer's place is a gravel pit that furnishes good gravel in abundance. This farmer furnishes free the gravel for road-building purposes, while the other farmers grade up the roadbeds and do the graveling. When the work is completed it hasn't cost anything except a little time and labor, and there are no taxes to pay.

STATE NEWS IN BRIEF.

Seattle—John D. Carmody, who has been deputy prosecutor of King county for eight years, resigned Saturday and announced that he would enter private practice January 2.

Olympia—Following correction of transcript of proceedings, the first \$15,000 of bonds of the Kelso school district, Cowlitz county, as the first block of \$40,000 authorized, have been sold.

Walla Walla—Nineteen twenty-three is drawing to a close evidently with the intention of leaving something for 1924, because the heaviest snow of the year began falling Sunday morning.

Olympia—Edmund Chappell, appellant who was cut off with only \$2000 by a will of his father, who left an estate of \$681,000, will not lose his bequest because he contested the will, according to a decision of the state supreme court reversing the judgment of the King county court.

Aberdeen—The Westport and Tokeland highways, obliterated by sand from the beach during the big storm of Christmas morning, are practically cleared. The two roads, which join about two miles south of Westport, were covered with from two to three feet of sand for a distance of more than 400 feet.

Seattle—A mileage rate for employees using their own cars on school business has been fixed by the Seattle school board. Fifteen dollars a month for the first 150 miles and six cents a mile for any travel in excess of that distance was allowed with no allowance made for travel from home to office or schools.

Kelso—One of a pair of valuable Alaska blue fox, belonging to C. F. Kletsch, president of the Alaska Blue Fox company, which escaped from a pen in south Kelso, has been killed and the pelt stolen. The other animal has been recovered. Mr. Kletsch had received an offer of \$450 for the pair and the pelt is worth about \$125.

Centralia—E. C. Fissel, Lewis county coroner, announced Saturday that an autopsy performed on the body of an infant found a week ago on the banks of the Skookumchuck river, just north of the Centralia city limits, indicated that the child had been slain. The sheriff's office has taken charge of the case, the coroner said.

Olympia—Efforts are being made by Washington's delegation in congress to get a measure through this session to permit the construction by the greater Wenatchee reclamation district of an irrigation pipe line bridge across the Columbia river, according to word received by the state supervisor of hydraulics, Marvin Chase.

Chehalis—The Hill Logging company, owned principally by Portland capitalists, and with Chehalis as its principal place of business, has filed a petition in the superior court here to be dissolved. Its properties have all been disposed of and other interests closed out. C. C. Woodcock is president and A. F. Fiegel is secretary of the company.

Olympia—Largest state timber sale in the history of Washington is scheduled for Tuesday, February 5, with timber of the appraised value of \$600,416.23 being offered, according to report of State Land Commissioner Savidge. In addition there is offered \$40,326.55 worth of uplands and tidelands appraised at \$46,264.17. Total appraised value is \$681,066.95.

Olympia—Latest development in the fight shaping up for the hydro-electric power rights on the Wynoochee river, in which the city of Aberdeen and the Grays Harbor Railway & Light company of Aberdeen are the chief contenders, is the application of the latter company to the federal power commission for rights on the river within the Olympic national forest.

Olympia—Lester Brook of Olympia, who lives at the Woodcrest apartments, was taken to Chehalis Saturday under arrest, charged with being implicated in the holdup near Dory on Thursday night, in which a section gang was robbed in their bunkhouse by three men. The men were tied, but one of them got loose and opened fire on the robbers, who fled with about \$40 in cash, two watches and several revolvers.

Vancouver—A proposed new building to be erected by the United States bureau of roads on the military reservation south of Fifth street will cut off a corner of the old Hudson bay stockade site, according to recent survey made by officers of the post. A memorial has been presented to congress asking that an appropriation be made to restore the old stockade in the original form by 1925, when the centenary of the settlement of Vancouver will be celebrated.

BATTERIES \$10

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Love of Argument.

"Why is betting an almost exclusively masculine habit?" an exchange inquires, and a cynical correspondent answers: "Men choose betting as a means of stopping an argument; women never want an argument stopped."
—Boston Transcript.

Progress.

The man who is ready to give pledge that the opinion he will hold tomorrow will be precisely the opinion he holds today has either thought very little, or to little purpose, or has resolved to quit thinking altogether.—Helen Hunt Jackson.

The Nuisance in the Triangle.

"A Georgia judge says the only safe 'triangle' for a man to get mixed up with is a wife, a pipe and a dog. That's all right, and we tried it out once, but for the sake of peace we had to get rid of the dog.—Detroit Free Press.

Opinion Held by Too Many.

"Something ought to be done about everything," said an ironic philosopher. But what accounts for so many thinking they are Hamlets and exclaiming with him: "The time is out of joint. O, cursed spite, that I was born to set it right."

Two Kinds of Polygons.

A portion of a plane bounded by a broken line is called a polygon, or, in other words a many-sided figure. A polygon that has all its sides and all its angles equal is known as a regular polygon. Triangles, squares, hexagons, etc., are polygons.

Why, of Course.

A young woman in distress writes: "We sent out sixty wedding invitations and only nine presents have been received. What shall we do?" How unresourceful you young people are! Get busy and rush out a follow-up letter.—Exchange.

Tends Toward Development.

To be thrown on one's own resources is to be cast on the very lap of fortune; for our faculties undergo a development, and display an energy of which they were previously unsusceptible.—Franklin.

Not Able to Function.

Chivalry may not be dead, but there are times—in elevators, trolley cars and other places of public resort—when it appears to be in a comatose condition.

Near East Folk Lore.

In the Near East among people who have little book learning folk lore has a wide circulation. It came down through many generations and the proverbs gathered in the centuries reflect much of the ancient philosophy and cynicism of the Orient.

It Can't Be Done.

Because one has seen a hundred of the parades, celebrations and great doings of life, he should not belittle them and discourage those who have seen but few; anyway, he can't.

Stray Bits of Wisdom.

Every day is a gift I receive from heaven; let us enjoy today that which it bestows on me. It belongs not to the young than to me, and tomorrow belongs to no one.—Munroe.

Things Men Like.

What is back of all these acquaintance stunts, the smile and laughter-provoking games, and this everlasting singing? Men like stunts, men like to play, men like to smile and laugh, and men like to sing.—Joseph A. Turner.

The English Language.

The English language is said to consist of 300,000 words, but nearly half are either obsolete or scientific, seldom used in conversation. It has been calculated that nine-tenths of our words are of Saxon origin.

Fighting Rats in London Subways.

Rats are fought relentlessly on London's underground railway; when one is seen special rat catchers are sent after it. The rats come out for the grease on the rails.—London Answers.

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