

The Farmer as a Busy Man

A discourse delivered by John A. Widtsoe of the Utah Agricultural College

A Discourse delivered by President John A. Widtsoe of the Utah Agricultural College

President John A. Widtsoe delivered a lecture to the members of the U. A. C. Commercial Club on January 17, on the relation of Commerce to Agriculture in which some remarkable statements occur. His remarks in part follow:

In 1892 the Agricultural College of Utah organized a course leading to a bachelor's degree in commerce and while there is no doubt that the Agricultural College of Utah is the first college in the western states to offer a degree in Commerce there is but little doubt that it is the first college in the United States to grant such a degree.

Farming Nine-Tenths Business
Schools that formerly looked down on Commerce are now putting it to the front and such schools as Harvard University now make it their strong point by offering both a bachelor's and master's degree in Commerce. Fifty years ago Harvard would no doubt have laughed at the idea of putting Commerce in the position it now occupies and offering a degree in Commerce. Commerce has come to the front so rapidly that it is nine-tenths of any industry at the present time. Formerly, it was not so, for the average farmer was jack of all trades and master of none. Under the present system, wherein the farmer is nine-tenths a business and one-tenth scientific agriculturist, there is something lacking and the future indicates that it is not fair for

the farmer to be a specialist in all lines and that he will be relieved of the business responsibility by the assumption of this end by men trained in the marketing of the farmer's produce.

It is therefore necessary for the commercial student to be educated along agricultural lines in order that he may intelligently advise the farmer as to the condition of the market and what he should produce. We have already been taught that the wise and strong man of today is the man who specializes. In the future there will no doubt be a central bureau established, which will collect all important information and pass it from farmer to farmer.

Famines Are Impossible
Such famines as occurred fifteen or twenty years ago in India are now impossible because the wheels of commerce have built railroads, steam ships etc., and opened up the ways of communication and travel. We have little use for men who merely wish to keep books and have not any higher aims or ambitions to aspire higher in life. The successful man of today is the man who understands the people with whom he deals.

No doubt, the schools of Agriculture and Commerce will be interlocked in the future in order that students may better acquaint themselves with the resources of their state inasmuch as so many of our successful men devote considerable time to such things and profit from so doing.

The president concluded by saying that while the resources of our western country are unlimited, yet not one perhaps in a hundred sees the possibilities.

them affecting them as alcohol, cocaine or strong tea affects men. Under a current's influence they fall to work with amazing energy and instead of taking a couple of days to sour the milk they accomplish the task completely in half an hour.
It is not the thunder in the storm that sours the milk it is the electricity in the air that does it. With an electric battery it is easy on the same principle to sour the freshest milk.

MAKING BOTTLES OF PAPER

Receptacles Made of Waxed Cardboard Are Advocated as Most Sanitary for Delivering Milk.

Milk bottles, made out of waxed cardboard, are being advocated as the most sanitary receptacles for the delivery of milk. Such bottles are only used once, and then should be thrown away by the housewife, says the Popular Mechanics. The bottles come from the manufacturer nested as shown in



Paper Milk Bottles.

one of the drawings, and wrapped in dust-proof paper. The milk dealer breaks the wrapping, sets out the paper bottles, fills them, and snaps the cardboard caps in place. There is no expense due to breakage, or of collecting again, and no washing labor.

SUNSHINE IS NECESSARY.

Plenty of sunshine is necessary in the dairy barn. Remember that windows are no more expensive than lumber and they are worth a lot more when the health of the animals is taken into consideration.

Baked Pork Chops.

Take as many thick slices as are needed for the meal, place in a pan with a little water, lay a thin slice of onion on each, season with salt and pepper and bake till done.

View of New York's New Aqueduct Which Cost City \$152,000,000.



Photo by American Press Association.

New York city has produced one of the modern wonders of the world in its new Catskill mountain aqueduct, costing \$152,000,000. The final dynamite blast was set off by Mayor Mitchel after workmen had prepared everything for the completing explosion at the New York end of the big waterway. The water will be carried in the fifteen foot tube from the Ashokan reservoir in the Catskill mountains ninety-six miles to New York. It will provide 500,000,000 gallons of fresh, pure mountain water a day. The photo shows the tunnel where the mayor blasted the opening that completed the great tube.

Members of U. S. S. Ohio's Crew Threatened by Smallpox Epidemic.



The extent of the spread of smallpox among the crew of the battleship Ohio during her voyage from the Mediterranean to Guantanamo, Cuba, is not definitely known as yet. Every precaution is being taken to detect the occurrence of new cases, and an extra detail of medical officers and nurses are on duty in the isolation hospital. Captain McKean reported to the navy department that there were now eleven cases of the disease. Four others probably have smallpox, and eight men are under inspection. This makes the whole number of cases under treatment and observation twenty-three. One death occurred on the voyage across the Atlantic.

FARM POULTRY

SOME DISEASES OF POULTRY

Care Should Be Exercised to Prevent Unsanitary Surroundings, Spoiled Food and Dirty Water.

(By H. PRESTON HOSKINS.)
Sick birds should be removed from the flock and dead ones burned, in an outbreak of disease.

White diarrhoea of chicks is caused by a germ which is often passed by the hen to the chick through the egg.

Vessels and troughs in which feed is placed should be frequently scalded or disinfected with a five per cent. solution of carbolic acid.

It is a wise precaution to fumigate your incubator with formaldehyde before placing your eggs in it for hatching.

Be careful in introducing new birds into your flock to see that they are perfectly healthy, and not likely to bring disease with them.

The disease called "scaly legs," is caused by a mite belonging to the same family of parasites that cause mange in cattle, sheep, and other farm animals.

A dusting powder for ridding birds

of lice may be prepared by mixing equal parts pyrethrum (insect powder) and flowers of sulphur. Apply it with a powder gun.

Poultry diseases, just like other diseases, are favored by unsanitary surroundings, spoiled food, stale and dirty drinking water, and poorly ventilated and insufficiently lighted coops.

UPKEEP OF AN EARTH ROAD

Problem of Maintenance Solved Very Largely by Use of the So-Called Split-Log Drag.

(By H. R. FLINT.)

The earth road will doubtless be commonly used in rural communities for many years because of its low first cost. The ever recurring problem of upkeep of such a road can be solved very largely by the use of the so-called split-log drag.

Anyone who can use tools reasonably well can build one of these drags at a cost of four or five dollars for labor and material. Very few tools are required in making the drag, and its use is as simple and cheap as its construction. If desired, metal drags can be purchased at a somewhat greater cost from manufacturers of road machinery.

Careful use of the drag on a road that is already in reasonably good condition will almost entirely prevent trouble from ruts, mud holes, or dust, and give good service at a low cost.

PANNIERS ARE ONLY FOR SLENDER WOMEN.



Panniers in a modified form are worn by many smart Parisians. They suit only the slender maid or matron, though by that perversion of taste which makes stout women fancy the garments they should shun they are too often seen on women who are fat and forty. The gown pictured here is a recent model from a smart French shop. The dress is of mousseline de sole embroidered with crystal, with the tunic and girde of white silk.

Dairyman Holds the Key.
Improvement in the quality of dairy productions must begin with the producer, so the dairyman holds the key to the situation. Every effort of the consumer, the distributor or the manufacturer, will work to his ultimate benefit. While payment on the quality basis is established, a premium of three to five cents per pound of butter fat is given for cream of highest grade. Such cream can be produced best by paying close attention to cleanliness and immediate and thorough cooling.

APPLICATIONS FOR GRAZING PERMITS

Notice is hereby given that all applications for permits to graze cattle, horses and sheep within the Cache National Forest during the season of 1914, must be filed in my office at Logan, Utah, on or before February 21, 1914. Full information in regard to the grazing fees to be charged and blank forms to be used in making applications will be furnished upon request.
CLINTON G. SMITH, Supervisor.

—Advertisement. 112

A heavy cold in the lungs that was expected to cure itself has been the starting point in many cases of disease that ended fatally. The sensible course is to take frequent doses of BALLARD'S HOREHOUND SYRUP. It checks the progress of the disorder and assists nature to restore normal conditions. Price 25c, 50 and \$1.00 per bottle. Sold by Ritter Bros Drug Co.—Advertisement.

SEVEN-HUNDRED ATTEND 1914 ROUND-UP

Seven hundred people are attending the Farmers Roundup this year. There will be seven of you die before the 1915 Roundup. Are you going to be one of the seven? Are you prepared for death? How about the widow? Will she be provided for?

See LEWIS S. FARRELL, Penn. Mutual Life Value Underwriter
37 NORTH MAIN STREET Logan Utah

J. Z. STEWART, Jr. ATTORNEY AT LAW
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Phone 431 - Logan, Utah

NOTICE TO THE FARMERS
We are paying the highest price for Hides, Pelts and Beeswax, four cents for old Rubber, seven cents for old Metals, forty cents per hundred for Cast Iron. None of the peddlers work for me, so do not give away to the peddlers, but bring them to the
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