

Must Use Care in Storing Potatoes

Unsound Condition of Tubers May Lead to Loss and Disappointment.

By Prof. Ora Smith, New York State College of Agriculture—WNU Service.

A poor storage place may completely ruin a crop of first class potatoes, but the best storage will not make unsound potatoes into marketable ones. To store wet or muddy, unripe, badly bruised, cut, skinned, diseased, frosted, or otherwise unsound tubers, leads to loss and disappointment. Both moisture and temperature can be controlled by ventilation in a properly constructed storage.

Growers of potatoes in New York state suffer greater losses from high temperatures than from freezing. A storage temperature between 38 and 40 degrees Fahrenheit is recommended as the best for potatoes. Below 38 degrees the tubers develop a sweet taste which is undesirable in market stock but does not injure the seed stock. Potatoes will not freeze at temperatures above 2 degrees. They sprout at about 40 degrees.

When first placed in storage, potatoes should have all possible ventilation as long as there is no danger of freezing. This ventilation lowers the temperature and helps to remove the moisture brought in from the field and also that given off by the tubers in curing. If this moisture is not removed, the pile sweats, and rots often develop. Enough ventilation should be provided during the winter to keep the potatoes dry.

Silage Prized as Winter

Feed for the Lamb Flock

Shrewd feeders, and especially those who have plenty of silage available, will be the ones most likely to cash in on the favorable outlook for lambs during the coming winter, according to W. G. Kammlade, assistant chief in sheep husbandry at the college of agriculture, University of Illinois.

Feed costs will be high and profits will be eaten up unless the lambs are fed to gain fast, he pointed out. Rapid gains generally are cheap gains, as they mean good use of feed and a quick improvement in the condition of the lambs.

"Feed costs will be a much more important item in the expense and returns of lamb feeding this season than was the case a year ago. Roughages, especially hays, will cost much more, and all grains have so advanced that it will not be so easy to get a margin over feed costs.

"Silage is a relatively cheap feed and may be used as the only roughage for fattening lambs, if it is properly supplemented to make up for the lack of protein and mineral. When legume hay is not fed in addition to the silage, it is essential that a protein concentrate such as soy bean oil meal, cottonseed meal or linseed meal be included in the ration. Likewise, some simple mineral supplement should be spread over the silage. About one-fourth pound of the protein supplement daily for each lamb is usually enough."

Pretty, but Evil

The wild morning glory may add a bit of pleasing color to the fields, particularly along boundary fences, but its innocent appearance cloaks its real damage. The plant is of the same general family as the sweet potato and thus serves to harbor the weevil, which attacks the sweet potato and does great damage if left uncontrolled. In order to eliminate the weevil it is necessary to clean fields thoroughly after the harvest and also root out the morning glories in order to deprive the weevil of a host between growing seasons of the vegetable.

May Try Desert Grass

If grasslands can survive for thousands of years on the edge of the Gobi desert in central Asia, despite severe droughts, heavy pasturing and wide variations in temperature, why should not grasses of the same species be helpful in rebuilding the depleted range lands of western United States? With this thought in view the United States Department of Agriculture is planning an Asiatic expedition to study conditions in the Gobi region and obtain specimens of grasses with which to experiment in western drought-besieged territories.

Agricultural Notes

Crops in Sweden this year are reported as "generally excellent."

Nearly 300,000 tons of cotton were grown in Brazil this year.

Unchilled meats must be rushed into the cooker and cans right after killing.

Good silage may be made as late as midwinter if approximately an equal weight of water and stover are put in the silo.

Corn stover silage is worth ten for ten about two-thirds as much as normal corn silage.

Cleaning out dirt in stores of potatoes before they are stored for the winter helps prevent sprouting and rotting.

Agronomists point out that early spring pasture growth may be encouraged by allowing a to 3 inches of growth during the fall and fertilizing with a nitrogenous fertilizer early next spring.

RIVER DISAPPEARS; Baffles Experts

Engineers Search for Stream Without Success.

Bonneville, Ore.—A turbulent river which flowed out of a mountain at the south abutment of the legendary Bridge of the Gods west of Cascade Locks, Ore., disappeared in 1918 and army engineers say they cannot find it.

The engineers searched for months for the stream, sufficient in volume to supply the city of Portland, but announced they were baffled and would give up the search temporarily.

The army experts must find the missing water eventually, because they have to make the mountain behave. They cannot have the huge rock, which Indians claim once formed a natural bridge across the wide Columbia river, sliding around the landscape as it has in the past.

The mountain threatens to cause trouble for the Union Pacific railway tracked through the Columbia gorge. The federal government is building a new bed for the railway between Bonneville and Cascade locks to replace the present line, which will be covered by water when the Bonneville power dam is completed and the Columbia river is backed up for fifty miles.

The mountain slowly is sliding toward the Columbia river on a bed of solid rock. The migratory grounds, known as Ruckel slide, is saturated with water, crumbling and unreliable.

The missing stream used to flow from eight bores into the mountain-side made by the Union Pacific, to preserve its tracks from being swept away. Before the tunnels were built it cost the railroad \$50,000 a year to keep its line in repair over a mile and one-half stretch.

In 1918 the flow of water ceased. The railroad tracks, however, were not affected further. Engineers theorized that the flow was halted by a disturbance within the earth, which caused the interior of the mountain to buckle. They believed the stream found a new subterranean passage into the Columbia.

Geologists assert that an entire lake probably is held within the mountain. Government engineers recently bored three tunnels into the mountain to a depth of 1,000 feet. They also drilled a number of wells to supply Harney valley with water. Now they are waiting to see how much water will come out of all the bores during the winter and hoping the entire vagrant river will come to the surface.

Crow Indians to Raise

Buffalo to Meet Needs

Hardin, Mont.—Inspired, perhaps, by success of its famous experiment with importing reindeer herds for the American Eskimo, the government intends to launch a buffalo-raising program on the Crow Indian reservation.

Superintendent Robert Yellowtail, full-blooded Crow leader, has suggested the experiment.

Yellowtail said he has been promised by the government fifty head of buffalo cows and two buffalo bulls from the Yellowstone herd.

The park bison would be removed to the Big Horn canyon range on the reservation, and in time, Yellowtail hopes, the bison will multiply sufficiently to take care of a large portion of the Crows' food and clothing problems, just as the reindeer have for the Eskimo.

Before the white man invaded their domain, the Crows subsisted almost entirely on buffalo meat, wild herbs and used the bison skins for clothing.

Air Transports Can Fly

Higher Than Any Bird

Chicago.—United Air Lines' fleet of Boeing multi-motored transports can fly higher than any bird, tests made with the transport show.

According to the American Museum of Natural History, migratory birds usually average about 3,000 feet altitude above the ground. The highest bird flier is the condor, whose haunts in the Andes are 10,000 to 15,000 feet. The highest recorded condor altitude was 23,000 feet, observed by Humboldt, the naturalist, over Chimborazo. The Boeing, carrying 13 people, mail and express, can fly, if called upon to do so, at an altitude of 27,500 feet, although its normal cruising altitude, because of passenger comfort, is 8,000 to 10,000 feet.

Bible 300 Years Old

West Granville, Mass.—Fred H. Coe has a Bible more than three hundred years old. The Bible, well preserved and slightly yellowed with age, is covered with heavy brown leather, has hand-made brass clasps riveted to the covers, measures five inches wide, seven inches high and two inches thick.

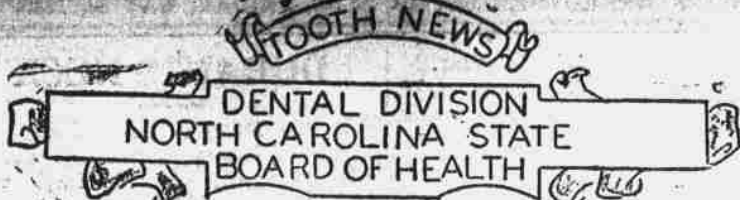
Shrimp Town Claims

Record for Nickels

Southport, N. C.—This town, on the southeasternmost tip of North Carolina, claims more 5-cent pieces in circulation per capita than any other place on earth.

Shrimp pickers are paid a nickel a bucket for all the shrimps they pick. Each bucketful is paid for as soon as it has been filled.

More than 3,000 daily in nickels is necessary to pay them. From October 1 to November 17 47 net tons of shrimp were shipped from here.



Conservation and Development of Child Health

By CARL V. REYNOLDS, M.D.
Acting State Health Officer

ALTHOUGH I have been State Health Officer for only a short time, I am well acquainted with the mouth health program as conducted by the State Board of Health, due to the fact that before I became Health Officer I was officially associated with the State Board of Health.

It has been said that the North Carolina State Board of Health has the outstanding mouth health program in the United States. This is indeed a compliment and stimulates us to press forward. However, this could not be true were it not for the loyal support and cooperation of organized dentistry in the State. When we think of what organized dentistry has done for public health in the State and the way it has stood by the State Board of Health every time it needed assistance, we cannot help but take our hats off to the dental profession.

The mouth health program conducted in the public schools of the State on the 20th and 22d of February, 1934, by organized dentistry was unusual and unique in that the dentists of the State closed their offices and gave their time on these two days to making an inspection of school children's mouths without any financial remuneration whatsoever. I am quoting an interview relative to this survey given to the press by Dr. James M. Parrott, former State Health Officer:

"The dental profession had an unusual opportunity to discover undernourishment, as it is now agreed by every branch of the medical profession that undernourishment of the child is reflected in the teeth, among the first places; improperly calcified enamel of the teeth is one of the surest signs of undernourishment, and an unclean mouth and a mouth with decaying teeth and gumboils means a sick child. These facts are evidence of the great importance of mouth health teaching in every public health program.

"I wish to congratulate organized dentistry in North Carolina upon this thorough organi-

zation and unstinted support of public health and the splendid



DR. CARL V. REYNOLDS

manner in which the Mouth Health Survey has been carried on. The Old North State is under lasting obligation to the dental profession for this unselfish dedication to humanity. The magnitude of this activity on the part of the dentists (700 men in the schools at the same time, doing the same thing in a public health endeavor) is something never heard of before in this State or any other. I wish to express to them the sincere appreciation of the State Board of Health."

I wish to pay my respects to these gentlemen here and now, and also to say that the splendid success of this mouth health survey could not have been possible were it not for the cooperation of the school people of the State, all the way from the State Superintendent of Public Instruction, the Executive Secretary of the State School Commission, Superintendents of the Schools, principals, and teachers.

However, we wish it to be definitely understood that the correction of physical defects of the child is the parents' problem and that the State Board of Health's responsibility is the teaching of prevention.

Through Capital Keyholes

(Continued from Page One)

debate around Capitol Hill. Many reports think their cause was hurt by enactment of the measure and the constitutionality of the law has been questioned. The constitution says that the legislature shall not enact local laws partially repealing any State-wide law and some able lawyers have declared that is just what the liquor bill does. The opinion here is

that drys will seek injunctions to prevent the elections and that the Supreme Court will get a shot at the problem.

MORRISON — The grapevine reports that former Senator-Governor Cameron Morrison is trimming his sails to race against Senator "Our Bob" Reynolds in 1938. But many of the boys who were aboard with Morrison when he went down at the hands of Reynolds in 1932 believe the Mecklenburg dry will change his mind and decide not to run.

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NOW GOING ON—The State Highway and Public Works Commission is now engaged in a comprehensive program to improve conditions in the State's prison. The Commission through its Chairman Capus M. Waynick wants the personnel of the prison to realize that such institutions can be run without the brutality revealed in certain camps recently. But through all the legislative investigation not one word of criticism was against the Central Prison at Raleigh where the amiable, white-haired Warden H. H. Honeycutt maintains discipline with lashes and the like.

NOT SO BAD—When Senator W. P. Horton, a personal wet from a dry county, put the legislative clincher on the Day bill to put the State in the liquor business a lot of his friends thought he had done himself a great political damage.



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