

CORN CLUB CHAMPION TELLS HIS STORY

1916 State Winner Produces 105.5 Bushels Of Shelled Corn At a Cost Of 19.9 Cents Per Bushel.

WILLIAM TROY,
Queen Anne's County.

I succeeded in growing my acre of corn by making up my mind to complete the contest when I asked my brother to let me have an acre of ground to enter the Corn Club. Mr. H. S. Koehler, our County Demonstration Agent, told me to get a piece of ground and have it covered with a heavy coat of manure. I was given the ground at the last School Fair. It had grown a crop of tomatoes and was heavily set in crimson clover and turnips. I did not apply any manure as it had been manured the previous spring, a crop of clover plowed under, and a ton of ground oyster shell lime drilled in before the tomatoes had been planted.



After a large portion of turnips had been gathered, we turned our hogs on the acre to feed on the balance of turnips and clover. They remained there until the first of April this year. On Saturday, April 3, the ground was plowed and rolled to preserve the moisture. On Saturday, April 17, I used a spring tooth harrow on it, and afterward rolled it tight, and this was done again on May 8 and May 22. On Monday, May 31, we used a leveling square drag and ran the ground out with a tomato marker, opening the cross rows about three inches deep. The next morning I was out bright and early and dropped the corn by hand, putting three or four grains to the hill, and planting the hills thirty-six inches apart each way. I covered the grain with a snail, fine toothed cultivator. I had to stay home from school to do this work. This was the only time that I missed from school.

On June 12, the corn was dragged with a spike-toothed harrow. The corn was given thorough cultivation on June 24, July 5, July 16, and July 29. I would have cultivated it again but the storm, August 3, twisted it about so badly, that I could not get through it.

It was cut on August 30 and allowed to stand in the shock until October 25, when it was husked, the total weight being 7,356 pounds. The corn was not in the best condition, being rotten on the tip from lying on the ground. It was nearly all twin corn, standing three to four stalks to the hill.

My expenses were as follows:
Rent of one acre of land..... \$5.00
Plowing, 4 hours @ 20c..... .80
Harrowing with spring tooth, 3 hrs. @ 20c..... .60
Harrowing with spike harrow, 2 hrs. @ 20c..... .40
Rolling, 7 hrs. @ 10c..... .70
Planting, 3 hrs. @ 10c..... .30
Marking the ground, 3 hrs. @ 20c..... .60
Cultivating, 12 hrs. @ 15c..... 1.80
Replanting, 3 hrs. @ 10c..... .30
Cutting, 15 hrs. @ 10c..... 1.50
Husking, 15 hrs. @ 10c..... 1.50
Lofing, 3 hrs. @ 20c..... .60
Labor of man hoeing, 18 hrs. @ 10c..... 1.80
Kainit, 200 lbs. 1.25
Pulling weeds, 20 hrs. @ 10c..... 2.00
Labor of putting on kainit, small amounts of wood ashes, chicken manure, etc., 5 hrs. @ 10c. .50
Cost of seed corn..... .50

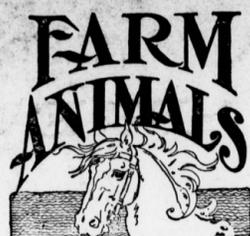
Total expenses.....\$20.95
Total value of crop, 105.5 bushels @ 50c.....\$52.75
Less expenses..... 20.95

Net value of crop.....\$31.80
100 lbs. of cob corn shelled 83.5 lbs., the percentage of moisture being 18.1 per cent, according to the test made by the Maryland Agricultural Experiment Station of the sample sent them by County Demonstration Agent, Mr. H. S. Koehler. The variety of corn I used as seed was Boone County White.

(Signed) WILLIAM TROY.
The above story of how he grew his crop of corn by William Troy is authorized by the Department of Boys' Club Work, Co-operative Extension Work of the Maryland Agricultural College and the Department of Agriculture, College Park, Md., Reuben Brigham, Assistant State Agent, in charge.

OUR FARM BOYS AND GIRLS.

The boys of today will be the men of tomorrow, and the girls of today will be the homemakers for tomorrow's men. Wherefore let every one, now careless concerning the boys and girls on the farm, wake up and go to work to solve the greatest of all the questions before the American people: how to save the bright, wide-awake youth for the land and for the right kind of living, and home-making and farming in the country.



BEST DOG FOR SHEEP FLOCK

Rattle-Brained Cur Is Much Out of Place—Collie Is Most Excellent for Herding Purposes.

The rattle-brained cur is as much out of place in the flock as the man of hasty temper, cruelty, thoughtlessness and disinclination or lack of natural talent for his work. The dog should be born to sheep tending and should be early accustomed to sheep and trained in their care.

Many years ago it was a practice in Texas to take a puppy from its dam before the eyes had opened and place it with a ewe, let her nurse it and allow the puppy to grow up with



Splendid Sheep Dog.

the sheep and be with them night and day. Then the dog would become the natural defender of the flock against all dangers and foes, stay with them all of the time and possess their confidence. It was also stated that a dog so raised would bring in the flock at a given hour, when accustomed to be fed at that time.

Sheep know a strange dog instantly. The dog to work among them must not be strange to the sheep in any way, must have their confidence and command their respect and be able to "boss" them when that becomes necessary. The collie is the dog for such service. Sheep herding has been the work of the breed for generations and to tend sheep is a hereditary tendency in the well-bred collie.

No dog bred and born otherwise is worth raising for work among sheep and it is waste of time to train a wrong dog for such work.—American Sheep Breeder.

HORSES IN UNITED STATES

According to Estimate of Department of Agriculture There Were 21,195,000 on January 1.

The United States department of agriculture estimates the number of horses in the United States on January 1st of each year, except 1910, when the April census figures are used, as follows: 1910, 19,833,000; 1911, 20,277,000; 1912, 20,509,000; 1913, 20,567,000; 1914, 20,962,000; 1915, 21,195,000.

In spite of automobiles and everything else it can be seen that the horse is gradually gaining in numbers. In spite of the heavy exportation of horses on account of the war, the total amount available is so great that the exports are not materially reducing the supply. It is doubtful also if the war will affect American horse-raising very greatly. In the western fighting everything appears to be trench warfare, where cavalry is of little use and the slaughter of artillery horses must be moderate, while on the eastern front Russia has millions of horses and would not need to call on America, even if shipments were possible. One of the ways America is hardest hit is in the supply of imported draft stallions.

TELL SHEEP'S AGE BY TEETH

When Purchasing an Animal One Should See to It That None of Molars Are Missing.

A lamb has eight small first-teeth on the lower jaw. When the animal reaches the age of about one year, the middle pair are replaced by two permanent teeth, at the age of about two the teeth on either side of these permanent teeth are also replaced with a permanent pair; at the age of three the next tooth on either side gives way to a permanent tooth; and at about the age of four, the last or back teeth are replaced in like manner.

Briefly, then, a sheep with one pair of permanent teeth is a yearling; sheep with two pairs is a two-year old; with three pairs, a three-year old; and with four pairs, a four-year old.

After a sheep is four years old, one cannot tell by the teeth about the age. However, one who is purchasing a sheep should see to it that it has not lost any teeth, or that the teeth have not become long and shoe-peggy in appearance.

Have Some Sheep.
A nice herd of sheep will fit in almost any farm equation. Look up the pros and cons of the question very carefully and we believe that you will include them in your next year's schedule. If you have not the cash or inclination to start with an entire purebred flock, buy the best ewes you can and grade up with a purebred ram.

Important Stock Function.
It is an important function of live stock on the farm to furnish a market for the crops grown, enabling farmers to convert the grasses, forage crops, legumes, and so on, into higher-priced finished products and to return to the soil the plant food taken from it.

EARLY SPRAYING OF THE ORCHARD IS URGED

T. B. SYMONS,
Maryland Agricultural College.

The man who wins in the orchard business is the man who prepares for the harvest in the early spring. Trees should be pruned properly, and all dead wood and brush removed from the orchard. Both apple and peach orchards should be sprayed with the concentrated lime sulphur at a dilution of one part of the solution to nine parts of water. Growers can buy this material and make it themselves using 100 pounds sulphur and 50 pounds stone lime, 55 gallons water and boil for one hour. The homemade solution had better be diluted at the rate of one to seven or eight parts of water.

The above treatment will control the San Jose Scale, and aid in preventing leaf curl, a disease especially bad on the Elberta variety of peaches. All spraying apparatus should be gone over and put in good shape for work. It is expensive to stop work in the field to fix up parts or mend hose, etc. Be sure that the spraying is done thorough, that is all parts of the trees should be hit especially the terminal twigs for it is on the tender wood that the scale settles. Trees can be sprayed with this dormant solution until the buds begin to swell.

Small Orchards.
It is the small growers that sometimes neglect this treatment. There are many home orchards in the state that are not producing a revenue. Now is the time to make their fruit good by first giving them a severe pruning and good spraying. In many places, such as towns, a group of people should get together and employ some one to spray their trees. In this way the work can be done more cheaply and satisfactorily, buy using a good barrel pump, than if the individuals attempt to do the work with small pumps. Orchardists who have been troubled with scab in apples should prepare to spray with Bordeaux mixture just as the bloom shows pink. Persons desiring further information should communicate with the Extension Service, College Park, Md.

EARLY HATCHED PULLETS MAKE WINTER LAYERS.

Poultry Keepers Are Advised As To Best Time And Methods of Hatching.

ROY H. WAITE,
Maryland Agricultural Experiment Station.

In order to get a flock of pullets that will produce well in early fall and winter the chicks must be hatched early enough so that they will have time to mature. A partly matured pullet cannot grow, keep warm, and lay eggs in cold weather. The time to get her matured is during the natural growing season when the weather is most favorable.

The period required for maturity varies with different breeds and it also varies with the way the chickens are cared for and fed. Two flocks of the same breed, hatched at the same time, may look very different when they are a few months old. Some flocks under favorable conditions may even mature twice as quickly as others poorly cared for.

Five or six months is usually considered about the proper time to allow for maturing the Leghorn varieties. They can sometimes be grown in a shorter period but it is not considered good practice to force them too much.

The heavier breeds like the Plymouth Rocks, Wyandottes, Rhode Island Reds, etc., require more time. Six or seven months should be allowed for them and with some of the extremely large breeds like the Light Brahmas an even longer time is required.

Hatch in April.
White Leghorns hatched during April will usually commence laying a few eggs about the first part of September and be laying in "full blast" in October. April is an ideal month in which to hatch this breed for the weather is usually such as to give the chicks a good start and they mature in time to fill in part of the gap between the moulting and the starting of the old hens to lay. White Leghorns hatched on as late as June sometimes begin laying about December and June hatched Leghorns are usually considered successful.

March is considered an ideal month for hatching the large breeds but it is often difficult, especially to those on farms, to have things in shape for such early hatching. In any event chicks should be hatched as early as possible.

Where one can make use of an incubator the problem is considerably simplified. An incubator is broody any time the lamp is lighted and the machine regulated, but it is often difficult to get hold of sitting hens before April.

Girl to Receive Precious Gift.
A birthday gift beyond price is planned for little Lina Cunningham, aged eight. It is her sight. The sight of both eyes was believed destroyed when an arrow, which struck her while she was "playing Indian" some time ago. Her parents were unable to pay for the services of a high-class specialist.

The Humane Society for Children became interested and canvassed the hospitals, with the result that the Good Samaritan hospital offered to house the child a room free for two weeks. Dr. Rose P. Kerschbauer of Salzburg, Austria, will perform an operation she believes will restore Lina's sight.—Los Angeles Dispatch to Kansas City Star.

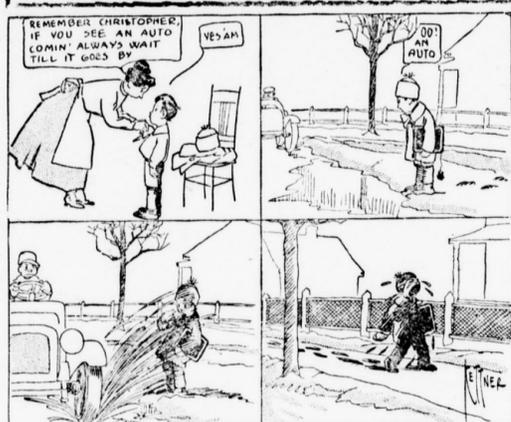
Children Cry FOR FLETCHER'S CASTORIA

ANOTHER RESOLUTION GONE TO SMASH



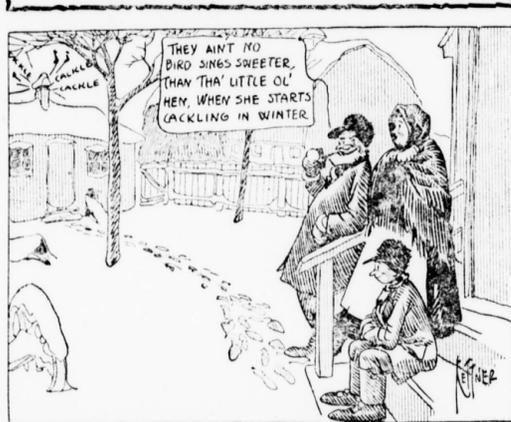
(Copyright.)

HE DID



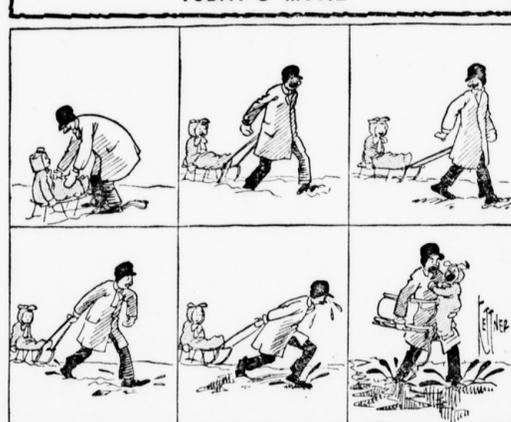
(Copyright.)

MUSIC IN THE WINTER TIME



(Copyright.)

TODAY'S MOVIE



(Copyright.)

Talk—The Manner of It.

The high schools and colleges of the day ought to do something more to teach students how to talk. The young man would be better off for some instruction of the kind, but in the case of the young women it is little less than a necessity. Their voices, to be candid, are by no means as pleasing as they might easily be were their possessors even reminded occasionally of the value of modulation, variation, softness and correct and fairly precise pronunciation. As it is, however, the sweet girl graduate has anything but a voice and a manner of speaking consistent with the refreshing charms with which she is otherwise so generously blessed. In one university in the state—typical of others—a visitor recently observed that nearly every young woman in the senior class was woefully addicted to habits of mispronunciation. "And their voices," he added, "were most distressing. What they said was well enough, but the manner of their saying it was—agonizing." The indictment, it must be admitted, is well founded. It is one, however, that should never be brought—for which there should be no support. And there would be none of it, either, if no more than casual attention were paid to the matter in our schools and colleges. Singing is taught—to be only rarely used. Why not teach talking?—Indianapolis News.

Curing the Drug Habit.

The drug habit can be cured. At least, so say the authorities of the Philadelphia General hospital, after four months of experimentation with the drug victims who sought its aid, after the enactment of the new anti-drug law. Since March 1 the hospital has dealt with 250 of these unfortunates, and in every case the craving for the drug—whether opium, cocaine, morphine, heroin or laudanum—was checked and broken. The victims came from dives and from homes; they were of all ages, and eighty of them were women. But they were all successfully treated.

"The habit," said the chief resident physician, "can be cured. The process is one of giving the victim a backbone. But right here is the crux of the whole matter—if a man doesn't want to be cured, he can't be cured." It is a great and important message, full of hope to drug victims everywhere and to those who love them and grieve to see them in the bonds of a destructive slavery.—Columbus Dispatch.

Children Cry FOR FLETCHER'S CASTORIA

Children Cry for Fletcher's CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Dr. J. C. Fletcher, and has been made under his personal supervision since his infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but experiments that trade with and endanger the health of Infants and Children—Experience against Experiment.

What is CASTORIA
Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its use is guaranteed. It destroys Worms and allays Feverishness. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind & Colic, and Reddened Throat and Diarrhoea. It regulates the Stomach and Bowels, assimilates the Food, gives healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS

Bears the Signature of
Dr. J. C. Fletcher
In Use For Over 30 Years
The Kind You Have Always Bought
THE CENTAUR COMPANY, NEW YORK CITY.

Originated in 1887
The Roofing with
28 years of Service
Look for the Trade Mark
CORRIGING IS THE

This record for durability, without leaks, rot, or other common roof troubles, has attracted many imitators. If the thing offered you looks like "CORRIGING," don't let it go at that. Get the stamp on the corrugation at the top of the shingle. "CORRIGING" REG. U. S. PAT. OFFICE.—It is put there for your protection. Use it!
For Sale by

G. L. Winebrenner, Tinner, Maryland

McCall's Magazine and Model Patterns
For Women
Have More Ideas than any other magazine. It gives you the latest designs for all the things you need for your wardrobe. It shows you how to make them. It gives you the names of the best materials to use. It tells you where to buy them. It is the most useful magazine for women.
McCall's Magazine has all the latest, fit, stylish, and beautiful patterns for all the things you need for your wardrobe. It shows you how to make them. It gives you the names of the best materials to use. It tells you where to buy them. It is the most useful magazine for women.
McCall's Magazine, 230-245 W. 37th St., New York City

PEERLESS Paper MATT Sacks
An indispensable part of every household. They are made of the best material and are guaranteed to last. They are the most useful and economical sacks you can buy.
Peerless Paper Matt Sacks, 230-245 W. 37th St., New York City

Foley's Kidney Pills
What They Will Do for You
They will cure your backache, strengthen your kidneys, correct urinary irregularities, build up the worn out tissues, and eliminate the excess uric acid that causes rheumatism. Prevent Bright's Disease and Diabetics, and restore health and strength. Refuse substitutes.

THE BALTIMORE NEWS
Daily and Sunday
A live, independent newspaper, published every afternoon (Daily and Sunday).
A newspaper for the home—for the family circle.
Enjoys the confidence and respect of its readers.
One cent everywhere.
Buy it from your local Newsdealer or order by mail.
One month.....\$.30
Six months.....\$ 1.75
One year.....\$ 3.50
The Baltimore News
BALTIMORE, MD.

NEW HOME
THE SEWING MACHINE
WARRANTED FOR ALL TIME.
If you purchase the NEW HOME you will have a life asset at the price you pay, and will not have an endless chain of repairs.
Quality Considered it is the Cheapest in the end to buy.
If you want a sewing machine, write for our latest catalogue before you purchase. The New Home Sewing Machine Co., Orange, Mass.