THE CENTRE REPORTER, CENTRE HALL, PA.

NITRATE OF SODA BENEFITS THREE REASONS WHY TY COBB HAS NOT

TESTING SEED CORN **IS STRONGLY URGED**

Of Greater Importance to Farmer Than Ever Before.

Department of Agriculture Urges That Farmers Do Not Feed Corn That Would Be Valuable If Used for Seeding.

Prepared by the United States Department of Agriculture.)

The germination test of seed corn is more important this year than ever before because good seed corn is scarce, and because the best seed is needed in order to produce the large crop which this nation will need. Even where seed corn has been carefully gathered and stored it should be thoroughly tested in the spring before planting. The best way to do this is to make a seed corn testing box and test one hundred ears separately.

Each kernel that is tested must be perfect, and not injured at the tip when it was removed from the ear. Hand shelling will give much fewer



Seed Germinator - A Homemade Closed; B, Open-This Type Is Suitable for Small Seed-The Box Is Best for Seed Corn.

injured tips than machine shelling. and should be used with all seed corn. from any one ear fail to grow it will supply of seed. If the 100 tested ears the supply is unnecessary.

Prevention Is Best.

It must not be thought that good results from the germination tests are a sure index of high productivity. Ears slightly damaged by poor preservation. as in damp storage places, may germinate well, but will produce less than if they had got better care. Prevention is better than cure; and in the case of poor storage, according to seedcorn specialists, a cure is impossible.

Corn that was selected wisely in the field where it grew, that matured normally and has been preserved properly in mouse and insect proof storages

Where Rapid Maturity Is Desired-Helps in Orchards. Dr. William S. Myers says that nitrate of soda is of high value for early crops, where rapid maturity is desir-

able, such as peas, corn, beets, and cabbage. It is a special help to hay, grain, rye, wheat, timothy, cereals, and orchards, all of which are unable to obtain sufficient nitrogen from the soil just when they need it. It is a great specific in the production of sugar beets, potatoes, cotton and cane.

Highly Valuable for Early Crops

Small fruits, such as blackberries, currants, raspberries, and gooseberries, which need a steady, even growth, are greatly benefited by nitrate of soda, which can be furnished all ready for digestion when the plants require it.

BUSINESS METHODS IN NEED

Many of Farm Failures Doubtless Due to Lack of Science-Farmer Would Produce More.

Much emphasis is being placed upon science in farming. We are often told that if we would use more science we would produce more. There is much truth in this. Many of our failures doubtless could be traced to a lack of science-that is, lack of classified knowledge.

Business methods are indispensable to profitable farming. Without sound business judgment, correct business habits and safe business practice, it will be a very difficult matter to use science for profitable farming.

VALUE OF GOOD IMPLEMENTS

Largely Responsible for Size of Crops and Economy in Production This Season.

Good implements will be responsible very largely for the size of the If three or more kernels out of ten crops and economy in production this year. Those who have used a dull ax be wise to test every ear in the entire in cutting down trees know how much energy is wasted in using a dull imshow no poor ones, further testing of plement and inefficient devices in work. Why waste time and money in trying to farm with inadequate implements? The cost of good implements is not to be compared with their value. Save your labor and that of your teams with efficient implements.

SOIL PREPARED FOR MILLET

Plow Land When It Is Relatively Moist Throughout and Harrow It Thoroughly.

In the preparation of the land for millet, the soil must be made very fine. Plow the land when it is relatively moist throughout, so that it will not turn up lumpy, and harrow it until thoroughly pulverized. It is well to roll the area after planting to make firm the soll over the seeds, and then to harrow it lightly to form an earth mulch and prevent the escape of moisture. The seed may be sown broadcast or drilled.



The celebrated Tyrus Raymond Cobb and his three reasons for not joining name of Baltimore Dundee recently the army. Ty plays baseball for seven months of the year and the rest of the surprised the fistic public by knocktime he devotes to his three handsome youngsters. This photo was made at ing out an old-timer in the Oriole the famous player's home in Royston, Ga.

On the left is the eldest Tyrus Raymond Jr. The little exemption is Roswell Herschel and his daughter Shirley Marion Cobb is seated in the hammock with her dad.

Cobb is reported to be anxious to enter Uncle Sam's service, but it is not to be disputed that there are three strong reasons why he should not.

TWO MORE JOCKEYS ENLIST PRINCETON PLAYER

Tommy Parrette and Eddle Klenck Will Wear Khaki Next Season-Both Clever Riders.

Two more jockeys-Tommy Parrette and Eddie Klenck-will wear khaki instead of racing colors next season.

These steeplechase riders were mustered into the National army at Camp Upton. Both were clever handlers of jumpers and will be missed when the season opens.

On the whole, few jockeys have been called thus far, as the general run are too light for soldiers.

Everett Haynes, who rode Omar Khayyam at Laurel when the great three-year-old was beaten by Hourless, and A. Nicklaus, who handled the jumpers of Capt. J. E. Davis, are among those now in the service.

YOUTH COMING TU ANSWERED THE CALL OF HIS COUNTRY **FRONT IN SPORTS**

Youngsters Taking Place of Veterans Who Are at War.

Lad Who Has Not Yet Reached His Majority Finds Himself in Position to Rule in Nearly Every Branch -Some Instances.

Never before in the history of American sport has the youthful sportsman and athlete face opportunities such as he is facing in these parlous times of war.

With thousands of college athletes in the service, and other thousands of young men of the nation under arms the lad who has not yet reached his majority finds himself in a position to rule in nearly every branch of sport. And he is rising nobly to the occasion. At the close of the recent football

season many of the players who invaded the rankes of stardom were yet in their teens. Ralph Flowers of Davidson college, a youth of seventeen years, is carrying the honor that comes with being chosen as an all-Southern halfback. Everett Strupper, star of the great Georgia Tech eleven, who was mentioned by many critics as all-American timber, is only twenty years old.

In the boxing world a seventeenyear-old lad who boxes under the

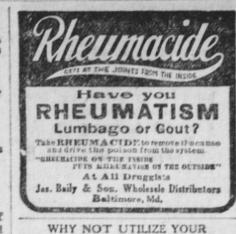
city and is now hailed as a coming champion. Jack Dempsey, the new heavyweight title aspirant from the Pacific coast, is just of age.

Ralph Greenleaf, the Illinois pocket billiard wizard, is just a lad under age, yet he played Frank Taberski for the title in Milwaukee recently and made a great showing. Welker Cochran, the balkline billiard prodigy from Iowa, has startled New York during the winter with his wonderful playing and is being mentioned as Willie Hoppe's successor.

Golf has seen some youthful players spring to the fore in past years, and hundreds of young golfers of the present day are rising to fame. The most youthful of all the young stars of today is George von Elm, who has just turned fifteen summers. Von Elm is the state champion of Utah.

In San Francisco "Peck" Griffin has a brother who has already taken his measure on the tennis courts, while E. H. Hendrickson, national junior indoor tennis champion, is still too young to vote, but has been mentioned as a likely candidate for the national singles championship this year if he is permitted to enter.

On the racecourses is



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HAVE YOU BARREN COWS ? Are your mares or sows troubled with Abortion? Overcome the dif-ficulty by feeding Dr. David Roberts'

BREEDING TONIC Price \$1.00 ABAS acts on the organs of reproductio d puts the animal in better breed Read the Practical Home Veterinarian,

Dr. David Auperts Vet. Co., 100 Grand Avenue, Waukesha.



Oklahoma has more multi-millonaires than any other state, except New York. Men poor to-day are independent to-morrow. Jolians grow rapidly in Oklahoma. For interesting information write Williams 646 Grafs Erchang, Othebus Gir, Othebusa

FORMULA for making sriffelal coal, apple butter without apple and cereal coffee, sent postpaid for dime. 4. Besstes, Woodford, Wia

True to Tradition.

An English, Irish and Scottish soldier were returning to camp after a stroll. They were footsore and tired, and a kindly farmer on his way home from market gave them a lift on the road.

The soldiers were very grateful and wished to reward the farmer for his kindness

Said the Englishman: "Let's stand him a drink !"

"Sure," said Pat, "that is agin the Isw. Let's give him some baccy !"

"Hoot, ma laddies!" interjected the Scot. "Don't be extravagant. Let's shake hands with the mon and wish him good nicht."-Tit-Bits.

BOSCHEE'S GERMAN SYRUP

will quiet your cough, soothe the in-

fiammation of a sore throat and lungs,

coughing and with easy expectoration

America for fifty-two years. A won-

derful prescription, assisting Nature in

building up your general health and

throwing off -the disease. Especially

useful in lung trouble, asthma, croup,

SCORES A VICTORY

will grow and produce satisfactorily. Because there is such a scarcity of seed corn in some sections of the corn belt, the United States department of agriculture urges that farmers in this and other sections be careful not to feed corn that would be more valuable if used for seed. To the detriment of the 1918 crop some corn suitable for seed is being used to some extent by farmers who have enough seed for themselves. This is especially regrettable because the corn is frequently adapted to conditions and is not a great distance from where it will be sadly needed for spring planting.

Get Seed Best Adapted.

Ordinarily seed corn should not be obtained from a distance. The nicestlooking seed may be entirely unadapted and cause the loss of a crop. As their own wood as a substitute for there is but little "hold over" the frost-stricken and drought-stricken areas must get their seed from other points. It should be obtained from a locality having a similar climate, and obtained now.

If you have a large amount, or but a few bushels of a 90-day corn which cerminates well, let your county agent, your state experiment station and the United States department of agriculture know about it. Prompt co-operation should prove profitable to all and prevent many failures next year.

USE CEMENT AND CLAY TILE

One is Just About as Commonly Used as Other and Are Considered of Equal Value.

Cement and clay tile are now considered of equal value. One is just about as commonly used as the other. A tile of any kind well made and well. laid is supposed to last indefinitely. While tile is laid so that no water stands in the tile, there is no danger of breaking from freezing. You should have a tile expert lay the tile.

IMPORTANCE. OF GREEN FEED

Highly Concentrated Ration Will Ruin Flock Unless Given Sprouted Oats or Some Roots.

No matter how much exercise the chickens have, a highly concentrated ration such as table scraps and mill stuffs will ruin a flock unless they are given green food. Sprouted oats, clover or alfalfa hay, mangels, cabbage and small potatoes are good greens.

WHOLE OATS ARE DANGEROUS

Good Feed for Poultry, but Hulls May Cause Impacted Crops and **Result Fatally.**

Oats is a good poultry food. There as watermelons, cantaloupes, soris some risk, however, in feeding whole oats. The hulls may cause impacted kins, cushaws, sweet and Irish potacrops and death. The best way to toes. Set an orchard and see that you feed oats is to crush them, sift the have plenty of berries. Then keep anthulls out, and fied in the mash.

USE WOOD INSTEAD OF COAL

Opportunity Now Presents Itself for Farmer to Make Use of Wood Lot for Needed Fuel.

Farmers with timber on their land have a big opportunity this year. An opportunity to save money by cutting



Fine Stand of Young White Oak.

coal and selling a portion of it to relieve a serious situation in the coal market and benefit the country at large.

Many farms have wood lots from which wood may be cut without injury to saw timber which may be growing. Scrub timber, properly called "weed" trees, can be cut and instead of taking away any value from the property actually better the condition of the timber which may later be cut for lumber.

ARRANGING FOR MONEY CROP

Define Acreage to Be Planted in Food and Feed Crops-Keep Animals for Meat Supply.

Before any definite arrangements

are made for the money crop plan and define the acreage to be planted in food and feed crops. This should include a large garden for fresh and canned vegetables; such truck crops

ghum or ribbon cane for sirup, pumpmals for fresh and cured meats.

NO AUTO RACING DURING WAR

Events Will Not Be Sanctioned by American Automobile Association -Must Serve Country.

No automobile races in America will be sanctioned by the American Automobile association until after the war ends. The contest board of the assoclation recently decided upon their course, thus practically ending all racing in America. The action was taken to remove the tempfation of racing from more than 1,200 drivers and mechanics, many of whom will now seek the same thrills by serving Unole Sam.

***** JINGLES OF SPORT

New York fan asks if John McGraw is losing his punch. Boy, go page Bill Byron.

Jack Hendricks will spend the coming summer managing Roger Hornsby.

Those weightless, pugless, roundless fights are not popular with the New York fistic public. Jack Dillon says that a life in

the ring is easy after the first 3 seventy-five years or so.

The mat game is mighty healthy in Washington. Unk Samuel is wrestling with a lot of problems.

Heinie Zim has one great regret. He should have drawn salary from the White Sox for his services in the world's serles.

The fighter who fights in times of peace is peaceful in times of war.

Fred Fulton has challenged everybody but the kaiser. Players traded by the Dodgers

and Pirates have nothing on each other. Being a Dodger or a Pirate is fifty-fifty. The poor downtrodden ball-

players will have to carry their own luggage this season. But the poor downtrodden Pullman porters will not miss the liberal tips of other years.

Eddy a First Lieutenant.

John Eddy, former Princeton athlete, has been promoted from second lieutenant to first lieutenant, on recommendation of Brigadier General Kennon.

Guilford Will Fly.

Jesse Guilford, who has been acting as a golf partner for Francis Quimet, has passed his examination for entrance into the army aviation service.

Shy on Pitchers.

The enlistment of Win Noyes and the sale of Joe Bush to the Red Sox will leave the Athletics a bit shy on pitching material.



Walls, who has ridden a number of winners, and Thomas Hitchcock, Jr., youthful polo prodigy of the Meadow Brook club, has brought down a stop irritation in the bronchial tubes. Boche airplane in France at the age insuring a good night's rest, free from of seventeen.

Youth is certainly getting its in the morning. Made and sold in chance, and youth will be served.

"Hobey" Baker, former Princeton football star and hockey player, recently scored a victory for the American aviation corps in France, when he sent a German airplane crashing to the ground "somewhere" on the western front.

The photograph shows Baker in military garb "Somewhere in France."

FOOTBALLS SENT TO FRANCE

More Than 1,000 Balls, Purchased by Harvard Graduates, Sent to American Soldiers.

Fred W. Moore, Harvard university's graduate treasurer, has sent more than 1.000 footballs to American soldiers in France. They were purchased with funds supplied by Harvard graduates, and were sent to France through the Red Cross. Fully four-fifths of the consignment were soccer footballs, the chief reason for the selection being that neither the equipment nor the fields were qualified to meet the demands of the gridiron sport, while soccer, like baseball, may be played almost anywhere and without extensive 1915 and 1917, has enlisted in the medi-

GIVES MEDALS TO COLLEGE

equipment.

Lleutenant Richards, Former Star Athlete, Makes Presentation to University of Utah.

First Lieutenant Alma W. Richards, Cornell university's former star athlete, has presented to Brigham Young university at Prevo, Utah, his large third baseman, has been accepted as and valuable collection of medals, an aviator by the government. Breton trophy cups, statuettes, etc., which he was signed by the Sox as a result of won in various competitions in the last his stellar work for the University of few years. This is the institution Illinois nine. He is a graduate of the where Richards performed in the early engineering department of the school

Club for Motorcyclists.

part of his field career.

The New York Motorcycle club will build a clubhouse and establish permanent quarters at Amityville, Long Island. Men and women motorcyclists will be eligible to membership.

Practice in Tournaments.

advance of a championship match,

year-old daredevil named Georgie

JACK WILCE ENLISTS IN MEDICAL RESERVE CORPS

bronchitis, etc. For sale in all civilized countries .- Adv. Retribution. R. D. Cooper, president of the Dairy-

men's league, said at a banquet in New York : "Farmers should marry. A bachelor farmer is a solecism. No farmer, though, should marry a wife as he

buys a tractor-for the work he can get out of her." Mr. Cooper smiled.

"The farmer who marries," he ended, "thinking he can do nothing without n wife, is apt to discover afterward

that he can do nothing with her."

Catarrh Cannot Be Cured by LOCAL APPLICATIONS, as they cannot reach the seat of the disease. Catarrh is a local disease, greatly influ-enced by constitutional co.ditions. HALL'S CATARIRH MEDICINE will cure catarrh. CATARIH MEDICINE sull cure catarrh. It is taken internally and acts through the Blood on the Mucous Surfaces of the System HALL'S CATARRH MEDICINE is composed of some of the best tonics known, combined with some of the best blood purifiers. The perfect combination of the ingredients in HALL'S CATARRH MEDICINE is what produces such won-derful results in catarrhal conditions. Druggists 75c. Testimonials free. F. J. Cheney & Co., Props., Toledo, O.

Not Good Boon Companions.

I'd never accept an invitation to drink with a doctor." cal enlisted reserve corps. He will fin-"Why not?" "Because even when they treat a

man they make him pay for it."

Garfield Tea, by purifying the blood, eradicates rheumatism, dyspepsia and many chronic ailments, Adv.

A forestry service is to be established in China with the hope of bring-Jimmy Breton, former White Sox ing down the price of lumber.

Piles Cured in 6 to 14 Days regists refund money if PA20 (INTMENT falls cureltching, Blind, Bleeding of Protrading Piles. is application gives relief. 50c.

A large percentage of pencils is be-Ing made from California incense cedor.

To keep clean and healthy take Dr. Pierce's Pleasant Pellets. They regulate liver, bowels and stomach .- Adv.

Canada has handled \$1,000,000,000 in bullion for the Bank of England since the war began.

When Your Eyes Need Care Try Murine Eye Remedy to smarting - Just Eve Confert. 60 cents of Drogists of mail. Writs for Free Hys Bood WUEINE EXE REMEDY CO., CHICAGE

Birthday for Moakley. Coach Jack Moakley of the Cornell university athletic team, recently celebrated his fifty-fourth birthday, Monk-

iey has coached teams that have captured seven intercollegiate track and In future amateur balkline billiard field championships and fifteen intertourneys contestants will be allowed collegiate cross-country championships five minutes preliminary practice in while in charge of Ithaca college squads.

Coach Jack Wilce, who piloted Ohio

state to football championships in

ish his course in medicine at Ohio state

before being called for active service.

JIMMY BRETON AERO PILOT

Former White Sox Player Accepted as

Aviator by Government-Graduate

of Illinois.

and had no difficulty passing either

the physical or the technical examina-