

ALFALFA ON EVERY DU PAGE COUNTY FARM

Demonstration by Automobile Train all over County on July 8-9-10 and 11th

The DuPage County Agricultural Improvement Association plan on a big alfalfa automobile train and have secured Professor P. G. Holden and three or four other speakers furnished by the Agricultural Extension Department of the International Harvester Company for the dates July 8th, 9th, 10th and 11th. These speakers are to come prepared with charts to illustrate the different points in regard to alfalfa growing and in addition to their talking forty minutes at each stop they will distribute free literature to all who wish it on alfalfa growing. Three or four stops will be made in each township of DuPage County. It will be to the interest of every farmer in the county to be present at one or more meetings. The town people are invited to take automobiles and join in the tour over the county. The business men can well afford to take a day or two and go with them and help boost for more alfalfa. Alfalfa will add several hundred thousand dollars to the wealth of DuPage County. There is no question about growing it when the farmer knows how, for we have many successful growers in all parts of the county. A great deal of live stock is found on every farm in DuPage County and we can see the value of alfalfa hay when we know that when wheat bran is selling for twenty-two dollars a ton, alfalfa hay is worth from twenty to twenty-two dollars per ton in feeding value.

The DuPage County Agricultural Improvement Association is conducting this campaign and it is free to the people of DuPage County. Urge everyone to help.

E. B. Heaton, the county advisor, is acting as alfalfa manager for the county. The following men are the local managers for each township: Edgar Simpson, Naperville Township; Roy Lewis, Winfield Township; D. O. Sayer, Wayne Township; F. W. Kusch, Bloomingdale Township; H. F. Bandemer, Milton Township; Adam Kohley, Lisle Township; John Heatt, Downers Grove Township; Alfred I. Atwater, York Township, and A. W. Fischer, Addison Township.

Anyone desiring information should address the Alfalfa Manager at Wheaton or call on any of the local managers.

The schedule will be printed later and the county will be billed so that everybody will know where the local stops will be.

UNITED STATES GEOLOGICAL SURVEY WILL SELL, UNTIL JULY 4, TOPOGRAPHIC MAP OF FAMOUS BATTLEFIELD AND VICINITY AT HALF PRICE.

To meet the demand for an accurate map of Gettysburg and vicinity during the great memorial celebration which will be held at that historic point beginning June 23-50 years after the commencement of the terrific fight which sealed the fate of the hitherto sanguine Confederacy—the United States Geological Survey has combined four of its topographic sheets and printed a large map. The map covers about 925 square miles, including the Gettysburg battlefield and the adjacent portion of Pennsylvania as well as the adjoining portion of Maryland, and is on the ample scale of 1 mile to the inch. It shows accurately the size and shapes of the mountains and ridges, and by means of contour or elevation lines the exact altitudes of every hill, slope, valley and pass. All the roads by which Lee brought his main army in from the West are shown, and the course pursued by the Army of the Potomac under Hooker and later under Meade can be readily traced. Such familiar bloody fighting grounds as Little Round Top, the Wheatfield, and the Peach Orchard are shown in their exact topography almost as clearly as in a bird's-eye photograph, as is also the ground over which Pickett's division of 18,000 men, the flower of the South, made its famous but futile charge—a charge, however, which accomplished its probable purpose of deterring Meade from following up his victory with a pursuit of Lee's shattered columns.

Map Will Be Sold at Half Price.

Such a map would have been worth a thousand times its weight in diamonds to either of the commanding generals at the battle of Gettysburg, where the fate of their great armies and probably of the Union and the Confederacy hung on the issue of a day. The surveys on which the map is based were made in co-operation with the Pennsylvania State Topographic and Geologic Survey Commission and the Geological Survey of Maryland. This map can be obtained from the United States Geological Survey. The regular price is 40 cents a copy, but by special authority granted by the Secretary of the Interior it will be delivered postage free in a mailing tube until July 4, 1913, at 20 cents a copy. Remittances should be made to the Director, United States Geological Survey, Washington, D. C., in cash or money order.

Tired of Being Poor.

"Oxford undergraduate scholar, who is tired of being poor, wishes to be adopted by wealthy people."—London Times.

Intuition.

Intuition has been defined as a quick method of arriving at a totally incorrect conclusion.—Puck.

WEST SUBURBAN CHURCH LEAGUE.

Standing of the Teams.			
	W.	L.	Pct.
Brookfield	4	0	1000
Congress Park	3	1	.750
D. G. Congregational	2	2	.500
D. G. Baptists	2	3	.400
Hinsdale	1	3	.250
D. G. Methodist	1	4	.200

Games for next Saturday are as follows:

A much-needed rain for gardening and farming—not for baseball—caused the postponement of all scheduled games in the West Suburban Church League last Saturday, June 21st. Each team was in prime condition, having rested since June 7th (except Congress Park M. E. and Downers Grove M. E., who played their postponed game from June 7th on June 14th). All three of our church teams in this league are playing good ball now and the games should be well attended, as the boys are working hard and should put up a good game. The Congos are playing an exceptionally good game, but have slumped a little since the league opened; however, will soon be back in old-time style. Whitney is pitching a good game and with the proper support will pull them through in safety. The Baptists and Methodists after having had a poor start are rounding into shape, their pitching and batting having strengthened, and still have a little pennant hope. All three teams are showing up well and are endeavoring to show Downers Grove that clean athletics are the best and will be carried on in this league; so BOOST your team. A game is scheduled here each Saturday afternoon, starting at 3:15, which gives all fans, no matter what team they represent, a chance to come out and root for their town, providing they do not care to travel with their team.

Games for June 28:

D. G. Congo vs. Congress Park M. E. at Congress Park.

D. G. Baptists vs. Hinsdale at Hinsdale.

D. G. Methodists vs. Brookfield M. E. at Downers Grove.

NOTES OF THE DIAMOND

Leonard, the new Red Sox hurler, appears to be the genuine article.

Joe Tinker has ordered all his Reds to desist from smoking until the end of the 1913 season.

Joe Tinker has reiterated his statement the Reds are going to beat out the Cubs in the coming race.

The Cincinnati Reds have released pitcher Jack Frost to the Montreal club of the International league.

A doctor who has made a physical examination of every Detroit player says the Tigers are in fine shape.

Charlie Carr's Kansas City Blues look very much like a winning combination in the American association.

In the six years that Walter Johnson has been with the Senators he has fanned 1,162 batters and issued 260 free passes.

Peter Wood, younger brother of Smoky Joe, has signed up to pitch for the Brockton club, of the New England league.

An examination of the bats used by the Hilltoppers disclosed the fact that Chance's was the heaviest and Daniel's the lightest.

Southpaw Cottrell, Connie Mack's recruit twirler, seems to be a real find and possesses everything needed by a big league pitcher.

Harry Niles, who is playing left field for the Indianapolis team, is the same man who once burned up the paths in the American league.

The tour of Japan by the Stanford baseball team this summer will be the first oriental invasion ever made by a college team west of the Mississippi.

Although Jennings had on his own team the champion batter in the person of Ty Cobb, he holds up Hans Wagner to his recruits as a batting model, not Cobb.

Chance day is going to be the biggest thing that has ever been pulled off in Chicago baseball history, judging from the way the fans are lining up for that event.

HOPE!

I HEARD the walls of grief and shame
When Priam's walls were wrapt
In flame.
I stood within the Forum place
When Vandal ax and Gothic mace
Battered the pride from Caesar's face;
When Fugate's foul legions filled
The Seine
With corpses and bestank the plain
Of France from Paris to Lorraine;
When Flanders fell before the siege
That made a Spanish send her
Lige;

When werewolves wrought a gulf—
For Louis and his fragile queen
Twas I who staged anew the scene,
Twas I who wiped away the tears
And set the heavens fresh with stars.

—Herbert Kaufman.

Diplomat.

She—"Jack, when we are married, I must have three servants." He—"You shall have twenty, dear—but not all at the same time."—Answers.

CORN GROWING A GOLD MINE FOR BOYS

BY CONGRESSMAN CLYDE H. TAVENNER

Washington, June 2.—"Boys, grow corn," is now established as the slogan of the Department of Agriculture. The sentence has taken the place of Horace Greeley's famous advice, "Young man, go west."

In the past five or six years the Department of Agriculture has shown by demonstration that for young men there is greater opportunity in producing the gold of the corn crop than there ever was in gathering the gold from the placer mines of California.

For no 10-year period has the corn yield of the United States exceeded an average of 28 bushels per acre. Not even the most fertile state has ever produced over 54 bushels per acre. Yet in practically every section of the country yields of over 100 bushels are continually being produced by good farmers.

It is asserted that the corn yield of the United States can be easily doubled by the spread of good farming methods. Or, if such a yield is beyond our needs, the acreage devoted to corn can be greatly reduced and the land devoted to other needed crops.

There are untold billions of dollars which can be added to the wealth of the nation by increasing the corn production. No other line of activity offers such opportunities.

The hope of the Department and of the country is in the boys. They, more quickly than men, grasp the scientific principles underlying the successful breeding of corn for greater crops. Youthful enthusiasm guarantees that the principles once learned will be applied to actual corn production with conscientiousness and perseverance.

Consequently we see the great and growing organizations of boys' corn clubs, promoted by schools, states, independent organizations and the national Department of Agriculture. Each year the champion boy corn growers of each state are given a free trip to Washington, where they meet the President and receive diplomas from the Secretary of Agriculture.

The work of getting boys interested in championship corn contests has advanced to a point where the Department is now showing its hand—how it intends to utilize this organization of boys in the future. A bulletin has just been issued on the subject, and one sentence in the bulletin might have been written in this form:

WANTED: A boy in every corn-growing county of the United States, who can prove his ability as a farmer by several years of superior work in the corn contests, to act for the rest of his life as the official seed-corn grower and distributor in his county for the government. Pleasant and profitable work. For further information apply to office of Corn Investigations, Department of Agriculture, Washington, D. C.

In other words, it is the intention of the Department to effect a permanent organization of boy champion corn growers. One in each county is desired. By improving seed and fertilizing it to the farmers of his county he will help toward the general plan for doubling the American corn crop.

The name of the new bulletin is, "How to Grow an Acre of Corn." It is a corn-grower's text-book, written in short, pithy paragraphs, each giving a suggestion on how to improve corn.

"Boys have splendid opportunities to produce better varieties than have ever been produced," is the promise held out.

It is also pointed out that while corn sells commercially for 50 or 75 cents per bushel, the successful corn-breeder can sell his corn to his neighbors for seed for \$2 or \$3 a bushel. A boy who can grow 100 bushels of this sort of corn on an acre spends a very profitable summer.

Every boy in town, village or the country who has access to an acre of ground ought to write to his congressman for this bulletin and get into the corn growing contest.

OLDEST CHURCH IN AURORA CELEBRATES DIAMOND JUBILEE

Rev. W. T. Bray, Pastor of Church 52 Years Ago, Speaks on "Years of Ancient Times" Recalling Days of Parish's Infancy.

The First Congregational church, of Aurora, began a celebration marking its seventy-fifth anniversary Sunday. The sermon opening the celebration was delivered by the Rev. W. L. Bray, who was pastor of the church 52 years ago, and who came to the church when a boy.

AUTO ENGINE EXPLODES INJURING MOTORIST

Cylinder Head of Engine Blows Out at Sandwich and Wilbur Haines is Hurt.

Wilbur Haines, 35 years old, and residing near Sandwich, Ill., at the St. Charles Hospital, Aurora, in a critical condition, the result of an automobile accident near Sandwich Monday morning. The cylinder head blew out of his auto and struck him on the head, causing a fractured skull. He had just primed the auto and was cranking it. There was a sudden explosion, the cylinder head flew out, striking Haines on the head.

ROAD BUILDING

TO LESSEN COST OF LIVING

Government Bulletin Shows How Hauling is Cheaper in South—Actual Figures Given.

Good roads are an important factor in the reduction of the cost of living. At least that is the theme of the latest farmers' bulletin of the department of agriculture, which shows that the benefit from improved highways does not accrue only to automobilists, but also to the farmer and the shipper of produce of all kinds. For instance, there are parts of the south, according to the bulletin, in which the time required for hauling goods to market has been reduced from twelve to two days by the improvement of the highways and a saving of three dollars a day in drivers' pay alone thus has been effected. Really good roads would save the cotton states of the south approximately \$2,000,000 according to the department, which gives these figures to prove its contention:

"In the cotton states of the south the total cost of hauling the cotton crop in 1911, including the seed, was \$37,375,634. Any system of road improvement throughout this zone which would reduce the annual hauling charge five per cent, would effect a saving of \$1,868,781 a year. From these figures it would appear that it would be good business to incur an expense for road improvement, even if such investment entailed an annual interest and maintenance charge of \$1,000,000 to the community of cotton states."

"There are certain direct economic or money advantages which follow the improvement of public roads in every community," says Acting Director Sargent of the department in the bulletin. "These advantages are probably most apparent in the reduced cost of hauling."

"Certain dependent or reflex economic advantages also arise in a community where roads have been improved. The increase in the value of farm lands is an example of the indirect economic advantages of improved road conditions. It should not be considered, however, that, in presenting the advantages of improved roads the direct increase in the cost of hauling and the increase in farm values are entirely separate and independent. The farm increases in value partly because the cost of hauling is decreased.

"Whatever methods are used to improve a road, the improvement for hauling purposes is due to three causes—the betterment of the road surface, the reduction of the grade and the shortening of the length. On such an improved road the time required to haul a given quantity of material a given distance is reduced. The reduction may be largely due to increased speed of hauling, to increased load, or to both. It is important to recognize that for transportation purposes reduction of time is equivalent to a decrease of the distance from the market centers. It is easy to see, then, why the increase of farm values must follow improved roads, for their effect is to bring the farms, in a sense, nearer to the towns. The fact that on roads with improved surfaces hauling becomes largely independent of the season of the year or weather conditions means another very considerable reduction in hauling costs. It also means that many of the limitations of the number and kind of farm operations are immediately removed.

"In order to fix one's ideas on the reduction in the cost of hauling due to the improvement of roads, the transportation of goods to the markets and of farm produce to market should be considered. The cost of this work in the United States at present is high, and is due mainly to steep grades and yielding road surfaces on unimproved roads. When a grade exceeds a rise of six feet to the hundred feet in a horizontal measure, it becomes an increasing hindrance to traffic. On any grade, in addition to the surface conditions, the force of gravity must be overcome. The horse must also raise his own weight and, because of the manner in which his strength is applied, it becomes less and less available as the grade increases. It must always be remembered that the worst grade on any road tends to limit the load that can pass over the entire road."

CLEANING THE SOILED EGGS

These for Hatching Purposes Should Be Placed in Warm Water and Handled Carefully.

If eggs, while hatching, become soiled, and it is necessary to clean them, a basin of warm water at a temperature of 103 degrees Fahrenheit should be used, but not above this, a little less being better than a greater degree.

The eggs should be put into this water and the dirt gently removed after soaking and washing with the hands, then dried with a cloth and put back in the nest, which should be first renewed with clean hay. If not badly soiled they may be cleaned by gently scraping with a knife or with the fingers. Care is necessary to avoid cracking the shell or jarring the egg, as such an injury will destroy the possibility of a hatch.

Skill Required. Road building requires skill. Did you ever notice how many unskilled men are working on roads?



Every House Owner Knows

that it pays better to invest money in improvements than to spend it in repairs—that a good cement walk costs less in the long run than any board walk you can build. The boards soon decay. In a few years many of them need replacing—and then you have a patched sidewalk after all. Not only sidewalks, but cellars, porches, outside steps, fence posts, well curbs, barn floors, should be built of concrete made from clean sand and

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