# TREAT OATS AND WHEAT FOR SMUT

Reports Show That It Pays to Use Formaldehyde at Time of Planting Crops.

### **WORK OF DIFFERENT AGENTS**

Practically None of Fields Give Treatment Showed Any Signs of Disease — Farmers of Porter County Lost \$140,000.

Disease — Farmers of Porter County Lost \$140,000.

(Prepared by the United States Department of Agriculture.)

Evidence that it pays to twhent and oats at the time of planting with formaldebyde to prevent sum its given in reports of a number of the providence of the United States department of agriculture and the State Agricultural college, showed practically flower of the United States department of agriculture and the State Agricultural college, showed practically flower of the disease, while fields planted from seed not treated contained about 16 per cent saut, according to the local county ageat a report.

Work in Warren County.

As a result of the demonstration conducted by the county ageat in Warren county it was found that a plot of oats planted with untreated seed showed 33 per cent smut, while another plot in the same field planted with treated seed was free from the disease. Other oat fields throughout the county that were not treated were infested with the disease in amounts varying from 7 to 35 per cent.

As the result of the damage done by wheat smut in Porter county, farmers will lose shout \$1.40,000 on the crop, according to statistics compiled by the county agent. In checking up the damage done by smut the agent found that the disease of the county agent of Steuben County. The county agent of Steuben county, The county agent of Steuben county, The county agent of Steuben county.

saving of nearly \$100,000.

Smut in Steuben County.

The county agent of Steuben county, in company with a representative of the United States department of agriculture, found one field of wheat with as much as \$4 per cent of smutted heads, and considerably more than 50



rotecting Seed Wheat Against Smut-by Formaldehyde Treatment.

per cont of the crop was lost. Other fields showed as high as 40 to 50 per losur of seab. Where wheat had been sown in corn stubble ground the scab was much worse than where it followed other crops. The agent took advantage of the gatherings of farmiers while they were transhing to show how smut and other cered diseases!

nish the best kind of feed for all kinds of stock.

Where an abundance of cultivated grasses can be obtained for pasturage, no further attention need be given the subject. Mendow aftermath containing clover, or timothy and elements are subject. Mendow aftermath containing clover, or timothy and elements of the subject of the containing clover, or timothy and elements of the containing clover, or timothy and elements of the containing clover. The subject of the containing clover of the containing clover of the containing clover. There are many advantages to be community raise the same breed. Before the containing clover of the containing clover. The containing clover of the containing clover of the containing clover of the containing clover. The containing clover of the containing clove

# WOOD ASHES ARE VALUABLE

As They Have Peculiar Fertilizing Value They Should Be Carea fully Stored Away. 1 1

The farmer who burns wood for heating or cooking should estrefully stort, the sakes and dust permit them to leach, as they have a peculise far-filtring value. They not only contain potash and phosphoric acid in appreciable amongs; but also cantain masstort the asies and dust derunt them to leach, as they have a peculiar fortilizing value. They not only contain potents and itine, and when apple the land they also the also they also they also they also they also they also the also

# GOOD STALLIONS TO IMPROVE COLT CROP

Harvest Aid, Animal of Highest Type, Is Purchased.

Work at New Breeding Station at Buffalo, Wyo., Carried on by Gov-ernment in Co-operation With State Officials.

State Officials.:

Greated by the United States Department of Agriculture.

A stendard-bred stallion, Harvest Ald, 62009, an animal of the very highest breeding type, has recently been purchased by the United States department of agriculture and placed station at Buffalo, Wyo. Work at this station is being carried on in co-operation with the state of Wyconing, the object being to develop utility horses especially adapted to western range and farm conditions. Harvest Ald is by the champion trotting stallino The Harvester, and his dom. Is Santos Maid, a mare which holds the trotting record of 2:08%, and a daughter of



A Sire That Insures an Improved Colt Crop.

Peter the Great, the leading sire of speed in America. Harvest Aid is an autimal of great stamine, field size and conformation, and while he was selected on his merits as an individual, the horsemen of the depuriment say they are extremely fortural tell in great such a well-bred animal. It is not the purpose at the horse-freeding statution to develop speed animals, but it is well understood that a good station to develop speed animals, but it is well understood that a good station from a family noted for its speed is highly desirable for the production of active utility horses.

# MAKE MONEY RAISING BARLEY

Experiments Show it Will Surpass Corn as Ration for Fattening Hogs if Properly Fed.

Hogs If Property Fed.

Experiments at the Wisconsin experiment station show that barrley will surpass corn as a ration for fattening, longs if it is property fed. Twelve lots of pigs were fed, using avits some a corn ration, while the others were, aren barley. The return for each rige over the cost of feed was \$14.28 for the burley-fed pigs, and \$12.38 for the corn-fed portices.

The corn-fed portices, and the property of the most interesting facts brought out was the value of a barley and whey combination, which netted a handsome return, and the galass made with this ration were very rapid.

If you are in a negton which is suffered for the production of barley, or if you have been usually it as a nurse crop or affaifa, do do just the property of the prope

pay you more than ever as a feed your hogs and your other live sto

### LIMESTONE INCREASES YIELD

Demonstrations Carried On for Two Years in Indiana to Show Value of Ground Material.

crs while they were thrashing to show walle throw must and other cereal diseases were causing losses and to demonstrate methods of seed treatment.

PASTURE FOR STOCK IN FALL For two years the tenanty agent the first of the control of the control

ment of Agriculture.)
There are many advantages to be gained when the stock jusisers of one community raise the same breed. Better prices may be secured from the sale of a uniform product and suitable breeding stock can be secured near bome.

# FARMER WHO AIDS FERTILITY

Dairyman Who Studies Feed for Land Is Not Soil Robber Something Must Be Put Back.

# Some Charming Street Shapes



Hats for street wear vary all the way from the plain, businessilled in the plain businessilled in the provide businessilles in the provide businessilles in the provide businessil

# Dividing Honors With Street Suits



The "ail-day dress" appears to have come to stay, and is dividing honors with the tallored suit for street, travieting and business wear. It is defined by its mime and is a karment for morning or 'atternoon wear, which made the proposed state of policy is made of brown in tricoulib be made by dressmakers had to be dressed allowed by the mime above in the picture. It is made of brown in tricoulibe tritle a facinating escaled of folds formed by draping the material all the tight side, and a long rate with a facinating escaled of the skirt. The very simulation of the skirt. The very simulation was allowed the sample bedden the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and folded to the skirt with a piping of the goods. The dress of the wistings and the most open as the right side and a long rate row sash of the material ties here, in the silvest of loops and the most of the continuous states of the skirt. The wisting and piping the manufacture with a piping of the goods. The dress of the skirt with a piping of the goods. The dress of the skirt with a piping of the goods. The dress of the skirt with a piping of the goods and the most in the windows of the mining with a piping with the piping with the

### GOODBY WOMEN'S ROUBLES

kiney rouble, no "female conflaints," These general sri pitons of kidney and bladder disease at well known—o is the secondary of the secondary

Some folks who claim to be cultivated don't like the harrowing details of

# DEWS OF EVE

No More Gentle Than
"Cassarets" for the
Livet Bowels

Live A Bowels

It is just as Jet Iless as it is dangerous to take violent or nasty cathartica. Nature provides me hock a baseboers for your liver and howels against calomed, hursh pills, sickyaing oil and salist cathartic construction of the cons

Little Control erry With Passenger
Became of Friffe Personal and
Ho Shut it Off.

"Fare please?"
"My fare is in the box."
"Nix on that stuff. You went right by."

active independent of the caused by fighter than the five of some article of food had beer reduced.

"There's a quarrel as to who gets food had beer reduced."

Seeds Gre on By Electricity.
An English scientist has had much success with an electrical treatment to increase the germination of several kinds of seeds

# ASPIRIN FOR HEADACHE

Name "Bayer" is on Genuine Aspirin-say Bayer



Insist on "Bayer Tablets of Aspirin",
In a "Bayer package," containing proper direction for Hendache, Colds,
Patn, Neuralis, Lumbago, and Rhematism, Name 'Bayer' means gamine
Aspirin prespribed by physicians for
insieten years. Handy in toxes of 12
tablets cost faw cents. Aspirin is trade
mark of Bayer Manufacture of Monoaceticacidester of Salicylleatid.—Adv.

It is estimated that there is only one sudden denta among women to eight nmong men.

### A SUMMER COLD

A cold in the samer time, as everybody knows, is the hardest kind of a
cold way in the hardest kind of a
cold way in the hardest kind of a
cold way is to the hardest kind of a
cold way is to to bed and stay there
if you can, with a bottle of "Boschee's
Syrup" handy to insure a good night's
reat, free from couphing, with easy expectoration in the morning.
But if you can't stay in bed you must
keep out of draughts, avoid sudden
changes, eat sparingly of simple food
and take occasional doses of Boschee's
Syrup, which you can buy at any stors
where medid no its sold, a safe and efficient remedy made in America for more
than firty years. Keep it handy—Adr.
A cubic fors of water contains seven

A cubic topt of water contains seven and one-half gallons, or 1,728 cubic inches, and weighs 62½ pounds.

SIGO Reward, \$100
Cattern is, boal disease greaty influenced by constitutional conditions. It therefore requires constitutional treatment. HALF/S CATARRH MEDICINE is taken internally and acts through the Blood on the Nicrous Surface of the System HALF and the Street of the System o lestroys the foundation of the disea-tives the paient strength by improvi-he general sealth and assists nature loing its work. 100.00 for any case Naturih that HALL'S CATARI MEDICIND fails to cur-Druggists Ft. Testimonials free P. J. Chency & Co., Toledo, Ohlo.

### PECULIAR "GOOD-LUCK" SIGN

"Net on that sunt. You went right by."
"Et your life f did. I been waitin' two hours for, a chance to get inside," 'Porget it. Per your fan and cut out the buil."
"Get off your loot, I dug up once," 'Where'd you get oun."
"Where'd you get oun."
"Where'd you get oun."
"Where street, fust now?"
"Well, far. Hiver street, for one thing, a woman banded you a quarter day on buffedgier out of the change at Hill street fyr, recople got on any our nar unty fee farers at Prante street, when y cleanged that \$5 gold.

At this pool, the conductor decided had conoug.

At this pool, the conductor decided had conoug.

At this pool, the conductor decided had conoug.

"Yhore, on the shouted. There's year the conductor decided had conoug."

"Yhore, on the shouted. There's year the lord in a fish of the had conoug."

"Yhore, on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Your on the shouted. There's year the had conoug."

"Yhe year the had conough the shouted. There had so you had be not on the shouted. There had been the shouted. The year the had conough the had

Why Girls Stick Around.

"Is Flubdab a profound lawyer?"
"Very. He'd lug Magna Charta into
a dog case."



A Drink That's Part of the Meal!

# OSTUM

has a flavor that's sure to please. An economical factor in . housekeeping. A health builder, used instead of coffee.

No Raise in Price

Two sizes usually sold at 15 6.25

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