Soil Acidity is Responsible in Many

Instances for Failure of Seeding

of Alfalfa and Clover.

To be careless in the treatment of

the soil is as fatal to profitable agri-

culture as to be indifferent in the care

of live stock upon the farm, writes A.

R. Whitson, chief of the State Labora-

tory, established by the last legisla-

We seem content to stop with the

knowledge that there is something de-

much better crops, but we willingly

"wearing out." Large areas of soils

even in this state are acid, and, as a

consequence will not yield as plenti-

fully as they should. We have to de-

whether or not our fields are acid, and

When a farmer finds that he cannot

get a good stand of thrifty clover on

his land, when he sees that certain

weeds, such as corn spurry and sheep

sorrel, grow readily in his fields, he

could, by obtaining a small quantity of

blue litmus paper at his drug store,

easily test his own soil to find if it is

acid. Soil acidity is responsible, in

many instances, for the failure of seed-

Growing in soils well supplied with

lime these plants are able to obtain the

nitrogen essential for their growth

through the work of certain kinds of

bacteria or germs which penetrate the

smaller roots, forming lumps or swell-

ings, called nodules. Each of these

nodules is a tiny chemical laboratory,

in which nitrogen gas is built up into

MANAGING SHEEP IN WINTER

Shelter and Food Must Be Fur-

nished to Prevent Loss.

Even at the far south, sheep should

be provided with comfortable sheds.

fall, and the food is destroyed by frost,

abundance should be furnished. Where

the winters are severe, shelter and

food must be provided. The sheep

should be brought to the pens early

in the season. At the very first of

the feeding season, the oldest and

poorest of the flock should be separat-

ed from the others and put upon high-

er keeping. They should have grain

in abundance and be made ready for

the butcher as soon as possible. Too

many sheep must not be kept in a

single pen. If the pens are small, or

become diseased, and the owner will

A good shed, which is comfortably

warm and thoroughly ventilated,

should be provided. Sheep can endure

cold much better than they can im-

which are quite warm, should be pro-

vided for the use of sheep at lambing

time, and for sheep which do not own

their lambs. The bottom of the shed

should be kept constantly dry. Plenty

of straw or swale hay should be used

An occasional feed of bright corn-

stalks will be relished by sheep, and

do them good. It is not well to keep

breeding ewes very fat; on the other

hand, it is simply ruinous to allow

them to get very thin in flesh. A va-

riety of food will be relished, and will

A Thrifty Trio.

Seed, Kind of Fertilizer Used and

Culture Employed?

The crops which you are growing

average to mature in 60 to 90 days.

The seasons are short. The plants

must have their food every hour they

If you think you can trust quick-

Practical Farming.

When a milk farmer begins to pick

sheep can have free access.

sustain a heavy loss.

for bedding.

compounds for use by the plant.

ing of alfalfa and clover.

ture to aid Wisconsin farmers.

cidedly wrong with our fields.

Coughs and Colds

Hale's Honey of Horehound and Tar

is unrivaled. Pleasant to the tastesoothing and healing—absolutely de-pendable. Sold by all druggists.

Try Pike's

A man who makes a bluff at hustling succeeds in making others tired.

Putnam Fadeless Dyes guarantee satisfaction. Adv.

Every woman is a good housekeeper -or, at least, it is wisdom to tell her

Sore Eyes, Granulated Eyelids and Sties fromptly healed with Roman Eye Balpromptly l

No Compliment. "Really, Willie, you look more like your father every day." "Quit your guyin', maw."--Life.

Quite Natural. "What fad have you on hand now?" "The most appropriate one to have on hand-palmistry."

Many School Children Are Sickly. Children who are delicate, feverish and cross will get immediate relief from Mother Gray's Bweet Powders for Children. They cleanse the stomach, act on the liver, and are recommended for complaining children. A pleasant remedy far worms. Used by Mothers for 24 years. At all Druggists, 25c. Sample FREE. Address, A. S. Olmsted, Le Roy, N. Y. Adv.

Remarkable.

"Did you husband have any luck on his hunting trip?" "Splendid! Didn't you hear?" "No, what was it?" "He got back alive."

What Displeased Her. "So your servant girl left you wain?" said the woman at the sales. "Yes," replied her neighbor.

"What was the matter?" "She didn't like the way I did the work."

The Harsh Judge. A judge was recently at a private dinner defending a harsh sentence. "I believe," he said, "that it is better for law and order that sentences should

than on the side of lenity. "Look at nature, the great judge of us all. Was there ever a harsher, severer judge, than nature, who sentences each and every one of us to hard labor for life?"

err on the side of harshness rather

Enjoyment!

"Do you get much enjoyment out of the new dances?" they asked the stout man of mellow years. "Enjoyment!" he echoed.

Seizing his partner in a grip of iron, he ambled to the right, kicked to the left, doubled his knees, kicked all around, lunged ahead, dipped to the rear, kicked some more, took a short run, beat a retreat, kicked a passing couple and sank down heavily.

"Doesn't that 1-1-look like enjoyment?" he stammered.

No More "Black Broth" for Him. Among the forgotten dishes of the past was the "black broth of Lacedaemon." "What the ingredients of this sable composition were," says a writer, "we cannot exactly ascertain. Doctor Lister (in 'Apicius') supposed it to have been hog's blood. could not be a very alluring mess, since a citizen of Sybaris, having tasted it, declared it was no longer a matter of astonishment with him why the Spartans were so fearless of death, since any one in his senses would much rather die than exist on such execrable food."

Speaking Of Lunch

the wife said, "Bring home a package of

Post **Toasties**

---Sure!"

Toasties are wonderfully good at any meal, and somehow seem to match the appetite of both home folks and guests.

Bits of selected Indian Corn, delicately seasoned, cooked, rolled thin and toasted to a rich golden brown - that's Post Toasties.

Fresh, tender and crisp, ready-to-eat direct from the package. With cream and a sprinkle of sugar —

"The Memory Lingers"

Toasties sold by grocers

-everywhere.

ERRORS IN MANAGING SOILS TESTING SMALL SEEDS

EXCELLENT METHOD FOR OATS, WHEAT, ALFALFA, ETC.

Ordinary Blotting Paper With Squares Marked Off Will Be Found Entirely Satisfactory-Make the Test Every Year.

(By BERT ZALL, National Crop Improvement Service.)

A simple method of testing small grains for germination is to take an know that at one time they yielded ordinary piece of white blotting paper, about five or six inches wide by 19 inches long, fold twice, making paper about square, as in cut.

Mix the sample thoroughly so that when you count out 100 seeds they will fairly represent the entire lot. termine by means of a very simple test Take them as they come, large, small, shriveled, smutted and weed if so, apply a known and dependable seeds, if there are any in the sample. remedy. Mark of 100 squares on one page



Seeds Wrapped in Blotting Paper.

of blotter after folding. Place one kernel in each square, fold as shown in Fig. 1 after wetting thoroughly. Wrap test in waxed (buttered) paper after inserting a strip of cloth about ten inches long to act as a wick.

Pile up the tests as in Fig. 2 with wicks leading into a glass of water. Where the Weather is Severe Ample Keep cool but do not let the test freeze. Read the test in six to ten days. Ninety-six seeds should germi-

It is important to test all of the seeds every year, because, for many and in those portions where snows reasons, there are times when the germination of the seeds is very low, hay and roots of good quality and in and many a poor crop, as, for in-



Wicks Lead to Water.

stance, the oat crop of 1913, is largely pure air. Still they should not be exdue, not only to the weather, but to posed to the action of wind or rain, the fact that a great deal of the seed and the temperature of the pen should was not in proper condition to plant. not run extremely low. Small pens,

DAMAGE BY POCKET GOPHERS

Little Animals Are Very Destructive to Orchard and Nursery Stock and to Garden Truck.

(Prepared by the United States Department of Agriculture.) According to the biological survey of the department of agriculture, the pocket gophers are very destructive to orchard and nursery stock, and to garden produce. Apricot trees six inches in diameter have been destroyed by the gopher. In one orchard in California alone an assistant of the survey counted seven trees that had been killed by gophers. The ranchman did not seem to know what was the trouble, but thought it was due to some blight. A gopher was seen boring under one of the trees and later on was caught in a trap. One of the greatest enemies of the gopher is the barn owl. One-half bushel of the remains of gophers was found near the nest of an owl of this species, and yet almost every ranchman would shoot an owl at sight. The survey is trying

to educate them to the value of owls. The best method of killing the pocket gopher is to destroy them by the use of poison mixed with chopped sweet potatoes. The potatoes are NECESSITY FOR PLANT FOOD very acceptable to the gopher owing to the fact that they keep well under Can Farmer Afford to Take Risk in ground. In one experiment of 20 different runways, dead gophers were found in 19, and in the twentieth the potato had been stored up by the gopher for a future meal.

Poultry Experiments.

As a result of feeding experiments are in the soil, and it must be availconducted at the Missouri station it able or they will not grow. was concluded that whole grain does not fatten chickens, that it is cheap growing crops on insoluble fertilizers, er to feed the grain finely ground; and that is for you to determine, but in that the best grains can be had by my judgment, taking the seasons as feeding birds finely ground feeds when they go, wet and dry, hot and cold, confined in crates. The best returns you will find you will be the loser, resulted from a ration consisting of says a writer in an exchange. You 24 parts white bolted corn meal, 6 have to take a great risk as to the parts low grade flour and 1 part each weather. That is the largest factor of oatmeal, pea meal, buckwheat mid- in raising crops. dlings, and wheat middlings. The Can you afford to take any risk in flesh of the birds fed on this ration the seed, the kind of fertilizer used, was creamy white in color, the fat or the culture employed, factors over was distributed over the body, and the | which you have control? entrails were encased with fat.

Better Cows. Let the serious, earnest watchword himself up and grow ambitious, one of be, fewer cows and better. If the cows the surest signs is better stock, better that bring no profit to the owner were fed. When a truck farmer begins to put to the shambles the price of milk really hustle, he commences by using would at once advance to where it more manure. Did you ever know a ought to be to correspond with the really successful practical farmer who cost of production. Sell the robber didn't feed well both his cows and his sows now!

Weekly Review of Trade and Market Reports.

Dun's Review says:

"Distribution of seasonable merchandise has been stimulated by zero temperatures, which have accelerated the movement of heavyweight apparel and fuel. Recent stormy weather also broadened the demand for footwear, and the general business situation rerest with the conclusion that they are flects gradual betterment.

"In the matter of prices the general tendency is upward, with producers reluctant to contract for future business except at advances over former quota-

"Failures this week numbered 403 in the United States, against 320 last year, and 51 in Canada compared with 22 a year ago."

Bradstreet's says:

"There has been a shifting of activities in trade and industry, but no apparent abatement of the sanguine sentiment hitherto in evidence. Activity has been chiefly noticeable in the large primary markets where good reports as to past business have been and are being confirmed, and in the ranks of final distributers, who have felt the beneficial effects of a full week of cold weather upon retail trade in heavy wearing apparel."

Wholesale Markets

NEW YORK .- Wheat -- Spot firm; No. 2 hard winter, \$1.031/4 c I f to arrive; No. 2 red, \$1.011/2 elevator, domestic; No. 1 Northern Duluth, \$1.041/4 f o b afloat; No. 1 Northern Manitoba, \$1.031/4 f o b affoat.

Corn-Spot firm; new No. 3 yellow, 70%ccif to arrive. Potatoes-Firm; Bermuda, per bar-

rel, \$3.50@5.50; Maine, \$2@2.35; State, \$2.12@2.40. Butter-Firm; creamery, extras, 28

@281/c; firsts, 26@271/c; State dairy, finest, 27@271/c. Cheese-State, whole milk, fall and

summer, average fancy, 17% @17% o; winter made, specials, 171/20; average fancy, 16% @17c. Eggs-State, Pennsylvania and nearby, mixed, colored, 27@28c.

Dressed Poultry-Firm; fresh-killed, Western chickens, 15@24c; fowls, 15 @18%c; turkeys, 18@25c.

PHILADELPHIA. - Butter higher: Western creamery, extra, 29c; nearby prints, fancy, 32.

the food is poor, large flocks will soon Eggs-Easier; nearby firsts, f c, \$9; current receipts, f c, \$8.55; Western extra firsts, f c, \$8.85; firsts, f c, \$8.55. Live Poultry-Firmer; fowls, 180 19c; ducks, 17@19. Dressed poultry firmer; fowls, Western fancy, heavy, 18@18%; medium sizes, 15@17; old roosters, 1414.

Wheat-Higher; No. 2 red and export, 97@971/2; No. 1 Northern Duluth, export, 10114@10214.

BALTIMORE.-Wheat-No. 2 red, spot and February, 98%; March, 99%; April, 101%. Corn - Contract, 661/4c; steamer

mixed, 62%. Closing firmer; spot and February, 66 1/20. Oats-No. 2 white, 45c bid; standard white, 44@44%; No. 3 white, 43%@

Rye-Rye, Western, No. 2, 68c; do, No. 3, 65@66: do. No. 4, 64@65: bag lots nearby, as to quality, 60@68. Export delivery-Rye, Western, No. 2, 65 @66c; do, No. 3, 63@631/2; do, No. 4, 62 @ 62 1/4.

Hay-Timothy, No. 1, \$17.50; do, standard, \$17; do, No. 2, \$16@16.50; do, No. 3, \$14@15. Clover, light, mixed, \$16@16.50; do, No. 1, \$15.50@16; do, No. 2, \$14@15; heavy, \$14.50@15.50; No. 1 clover, \$14@15; do, No. 2, \$12.50

Straw-Rye-No. 1 straight, \$150 15.50; do, No. 2, \$14.50@16; No. 1 tangled, \$11.50@12; No. 1 wheat, \$8.50; do, No. 2, \$7; No. 1 oat, \$9@9.50; do, No. 2, \$8@9.

Butter—Creamery, fancy, 28@28%; creamery, choice, 26@27; creamery, give better results. As in summer, good, 24@25; creamery, prints, 29@30; salt should be kept in a box to which creamery, blocks, 28@29; ladles, 19@ 22: Maryland and Pennsylvania, rolls, 20@21; Ohio, rolls, 19@20; West Virginia, rolls, 19@20; storepacked, 17 @18; Maryland, Virginia and Pennsyl-

vania, dairy prints, 19@21. Cheese-Jobbing lots, per 1b. \$200

Eggs-Maryland, Pennsylvania and nearby firsts, 26c; Western firsts, 26; West Virginia firsts, 26; Southern firsts, 26. Recrated and rehandled eggs, %@1c higher.

Live Poultry-Chickens, old hens, heavy, 18c; do, small to medium, 18; do, old roosters, 11; do, young, choice, do, rough and staggy, 12@13. Ducks, 18. Geese, nearby, 15@16; de, Western and Southern, 12@14. Pigeons, young, per pair, 30; do, old, 30. Guinea fowl, old, each, 30; do, young, choice, 60; do, small and poor, 25. Turkeys, hens, per 1b. 24@25e; do, young gobblers, 21@22; do, old

Dressed Poultry-Turkeys, choice hens, 25c; do, mixed hens and young gobblers, 22@24; do, old toms, 20. Chickens, choice, young, 20; do, old and mixed, 18@19; do, old roosters, 10@11. Ducks, 18@20. Geese, near by, 15@16; do, Western and Southern, 11@12. Capons, seven pounds and over, 24@26; do, medium, 22@ 23; do, small and slips, 18@19.

toms, 19; do, rough and poor, 12.

Dressed Hogs-Choice light weights, 11c; do, medium weights, 101/4; do, heavy weights, 9@10; boars and rough stock, 7@8.

Wanted-A New Baseball Rule. Walter Johnson was pitching for the Washington team, and Mr. Jennings, who was trying to pump optimism into his despairing players, sent up an ambitious young man to try to make a hit. He acted briefly. After swinging wildly at two of Johnson's offerings, he made a third wild swing, and, entirely by accident, popped up a little fly to first base.

As he loped down toward first, and was called out, he turned to Jennings, let out a stream of emphatic and picturesque language, and wound up with this observation:

"I'm a son of a gun if there oughtn't be a rule making that guy hang lights on the ball!"

Jennings, who got his start in life as a miner, smiled grimly. "Where do you think you're working," he asked softly, "in a coal

ECZEMA DISFIGURED FACE

mine."-The Popular Magazine.

Hampton Springs, Fla .- "I had had ecsema on my face and hands for about three years. My face was badly disfigured. The eczema broke out in pimples and itched so very badly I would scratch it all the time. It was the most irritating disease I ever had. It started on my face and hands and it spread all over my body. I had

I was almost terrified until a friend recommended Cuticura Soap and Ointment to me. They helped me from the time I started to use them. I only used two cakes of Cuticura Soap and two boxes of Cuticura Ointment and was cured." (Signed) Mrs. E. C. Parker, Dec. 7, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book, Address postcard "Cuticura, Dept. L, Boston."-Adv.

Two Kinds of a One. "Gosh, but that fellow is dense!" "And a child can see through him! -Baltimore American.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy. Adv.

The more things a man learns from experience the more things he would like to forget, but can't.

A conscientious man should back up the good opinion he has of himself.



WILL NOT CURE Asthma, Catarrh or Hay Fever. POWDER

COLD IN THE HEAD Contains nothing injurious. Absolutely hamsless. Coursested under pure food and drugs act, Serial No. 22,27th, 51 per box, 6 boxes \$5. Sent prepaid on receipt of price. A.H.Hillman,325 Washington St., Brooklyn, N.Y.

PILES CURED IN 48 HOURS Mullins Lightning Pile Cure will do all we claim; if it will it's worth the price \$2.00 postpaid; if it won't your money will be refunded. Don't suffer longer, send today. MULLINS REMED'S CO., 153 Main Street, Brockton, Mass.

great large sores all over me, caused from the eczema. It bothered me day and night so that I could not rest at all.

"I used three remedies for skin disease and they didn't give relief at all.

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MENDETS Mends all leaks to grandtowars, but water bags, coulding uterails, rise No heat, solder, sement or rivet. Pit any surface. Sample box, 10s Compilets box, assurant ches, Sic. Wenderful opportunity for ilvesponts PATERSON, Box 4217, Germantown, Pa.

FRUIT TREES We pay the freight and sell at wholesale prices. Selistaction guaranteed. Send for our large descriptive catalogue today. Peach Trees. \$4.56 per 100. L'A Moreaux Runery Co., Schobarie, N. L.

DROPGY IREATED, usually gives quick a short breath, often gives entire relief in 15to 25 days. Trial treatment sent Free Dr. THOMAS E. GREEN, Successor to Dr. H. H. Greens Sons, Box O, Atlanta, Ga.

CIRCULARS MAILED with ours, at \$2 per buyers. We guarantee satisfactory re-a. Macon Green Co., Columbia, Tenn.

WANTED Men and women in every locality to open a Cleaning, Dyelng and Pressered ing Shop, Big profits, No experience, required. RAUFFMANN & COMPANY, Augusta, Ga.

Pettits Eve Salve SORE EYES

MY OKLAHOMA FARM FOR SALE or trade for land. Bonska, Beatrice Creamery, Lincoln, Neb. W. N. U., BALTIMORE, NO. 9-1914.

Reliable evidence is abundant that women are constantly being restored to health by Lydia E. Pinkham's Vegetable Compound

The many testimonial letters that we are continually pubfishing in the newspapers-hundreds of them-are all genuine, true and unsolicited expressions of heartfelt gratitude for the freedom from suffering that has come to these women solely through the use of Lydia E. Pinkham's Vegetable Compound.

Money could not buy nor any kind of influence obtain such recommendations; you may depend upon it that any testimonial we publish is honest and true-if you have any doubt of this write to the women whose true names and addresses are always given, and learn for yourself.

Read this one from Mrs. Waters:

Campen, N.J.-"I was sick for two years with nervous spells, and my kidneys were affected. I had a doctor all the time and used a galvanic battery, but nothing did me any good. I was not able to go to bed, but spent my time on a couch or in a sleeping-chair, and soon became almost a skeleton. Finally my doctor went away for his health, and my husband heard of Lydia E. Pinkham's Vegetable Compound and got me some. In two months I got relief and now I am like a new woman and am at my usual weight. I recommend your medicine to every one and so does my husband."—Mrs. TILLIE WATERS, 1135 Knight St., Camden, N.J.

And this one from Mrs. Haddock:

UTICA, OKLA .- "I was weak and nervous, not able to do my work and scarcely able to be on my feet. I had backache, headache, palpitation of the heart, trouble with my bowels, and inflammation. Since taking the Lydia E. Pinkham's Vegetable Compound I am better than I have been for twenty years. I think it is a wonderful medicine and I have recommended it to others."—Mrs. Mary Ann Hap-DOCK, Utica, Oklahoma.

Now answer this question if you can. Why should a woman continue to suffer without first giving Lydia E. Pinkham's Vegetable Compound a trial? You know that it has saved many others-why should it fail in your case?

For 30 years Lydia E. Pinkham's Vegetable Compound has been the standard remedy for female ills. No one sick with woman's ailments does justice to berself if she does not try this famous medicine made from roots and herbs, it has restored so many suffering women to health. Write to LYDIA E.PINKHAM MEDICINE CO. (CONFIDENTIAL) LYNN, MASS., for advice. Your letter will be opened, read and answered by a woman and held in strict confidence.







