TENTH YEAR

HEPPNER, MORROW COUNTY, OREGON, FRIDAY, AUGUST 5, 1892.

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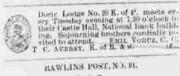
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As the publishers limit the fines and number of books they will respon at the low prices, we advise all she desire so avail there-selves of this great opportunist to attend to it at once.

FREE TO THE AFFLICTED.

All who are specing from the effects of Youthful Ffors, Loss of Manhood, pared this 25th day of July, 1802. Failing Boers, Gonorrhosa, Gleet, Stricture, Schills and the many troubles Where?

At Abrahamsick's. In addition to his disord, will receive, Firm of Charge.

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Tailoring business, he has added a fine full receive, he has added a fine full receive, he has added a fine full receive, firm of underwear of all kinds, negliges the full receive at home by string to the shirts, hosiery, etc. Also has or hand some clegant patterns for suits. A Abrahamsick, May street, Reppmer, Or.

Abrahamsick, May street, Reppmer, Or.

Stricture, Sthills and the many troubles which has terrible discretized full receive, Firm of Charge.

Calculate the effects of these terrible of the purpose of examining hose who may cabbages.

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CONSTIPATION

and other bowel complaints cured and prevented by the prompt use of

Ayer's Cathartic Pills

They regulate the liver, cleanse the stomach, and greatly assist digestion.

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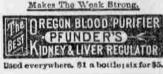
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IT IS THE IDEAL MEDICINE, It rouses the Liver and Kidneys and Stomach ures Hendache, Dyspersia, creates an Appe ite, Purifica the Impure Blood, and





nigh or low, \$15. Grilliary work, to peet have, it or \$16 inch. pair, \$1. (vory, \$1.50. Finest margin eards made, \$60. \$1.51. in roll. \$1 peet out First, Sice guaranteed. \$13. \$28. See E. Calegge, like

NOTICE OF INTENTION Land Office at La Grande, Or., July 25, 1892.
Softice is hereby given that the following amount settler has filed notice of his intention to make anal proof in support of his chain, and that said proof will be made before the County Clerk of Morraw County, Or., at Heppier, Or., on September 3, 1892, viz.
CHARLES H. MYEES,
Hd. No. 5411, for the nWig Sec. 22, Tp. 2 8 R 28 E. W.M.

who pays up and one year in australia was supported by the control of the Country of Carlos August of Car

State of triepoil.

Terms of sele: One hall-rash on day of sale, and balance either rash, or it parchases prefer mortgage for one year on the premises to draw interest from its days at the rate of ten per continuer and mortgage.

Manusers Rangarz, Manusers Canada, and mortgage.

PEAUHERS' EXAMINATION

CULTIVATION OF CORN

Conclusions Drawn from Experiments at Conclusions Drawn from Experiments at the Kansas Station.

At the Kansas experiment station at Manhattan experiments were undertaken to determine: 1. How often corn ought to be cultivated; 2. When to harvest corn the corn among the young clickens, be cultivated; 2. When to harvest corn the corn among the young clickens, the corn and folder: 3. Large and small interesting experiments are reported upon in detail in a bulletin recently is-

sued. Following is a summary of the 1. The results from the experiment with cultivation indicate that it is possible to give too much as well as too little he conclusion that more frequent culti-

tion is advantageous. 2. Corn should not be cut before it is ripe. Three years' experiments have given practically the same results. given practically the same results. They indicate that there is a loss of at all reasonable to me. Gapes are caused, at least 30 per cent. in the yield of grain when the corn is cut in the "milk" state. The yield of cut in the "milk" state. The yield of fodder, too, is greatest when the corn is unit in the corn is cut in the which obstract the passage, so that is fodder, too, is greatest when the corn is unity the chick chokes and dies. To respond to the passage is to remove the disease. quality to that cut at an earlier stage.
3. Practically the yield was the same,

whether large or small kernels were used for seed. The small kernels overaged slightly less sound marketable ears than the large ones did, but the difference is so small that but little weight can be given it, and the deficiency was fully made up by a greater yield of

small ears.
4. In the trial of butt, middle and tip kernels for seed, the butt kernels gave the best yields. Only the outermost, de-3 feet apart and the stalks 20 it.ches apart. Listed, the best yields were ob-In general, corn grown for the grain the lowest sample to 1830 should not be planted closer than 3 the highest. But there can

when the rows were 3 feet apart and the stalks from 12 to 16 inches, or the rows 314 feet and the stalks 8 to 12 inches.

with but little choice between them.
7. There was a decided gain in the yield of corn by pulling the tassels from every other row

8. Land plaster, applied at the rate of 200 pounds per acre with the seed in the row, had no effect whatever on the yield of corn. Castor bean offmeal (pomace). applied at the rate of 200 pounds per acre in the row, did not increase the vield of corn.

does injure the germination of the seed. In a comparison of 140 varieties in the order named: Mammoth White Dent, Hartman's Early White, Silver's greater use of that manure. Mammoth Yellow, Mammoth Dent, North Star, Piasa Queen, Learning, Pride of Kansas, Legal Tender. Large Golden Dent, the yields ranging from 80 to 91 to bushels per acre. Those found to be excellent ensilage varieties were Hiawasse Mammoth, Little Red Cob. Mosby's Prolific and Parrish White.

Experience in Cabbage Culture. At the Virginia station there was testd last season fifteen varieties of cabbage. The plants were grown from seed started in a hotbed late in February or early in March, and transplanted to a cold frame about three weeks later, and spruce timber. set in the open ground as early in April as the ground was fit to work. but seven kinds were fit to cut for cooking on July 2. They should have been Early Jersey Wakefield was pronounce the best, having eight or ten heads fit for cutting out of twenty-five plants, and for cutting out of twenty-hyermans, and being the largest, weighing 2 pounds.

The results of experiments with the turnip graph of the formed heads. The Winnings crop of 1891 at an English agricultural transfer of the form instifled these conclusions: stadt headed ninety-nine plants out of a hundred, and the average weight was six pounds two ounces, but was from five to twelve days later in time of cutting. Cauliflowers were grown, by sowing and setting at the same time as the cabbages, and the best were of the Early Dwarf Erfort type, although known as Early Snowball or other names, according to the fancy of the seedsman or of

6-2ES IN CHICKENS

Approved Methods of Combating This Troublesome Disease.

A World correspondent writes: "Thave never met a poultry keeper yet who was not interested in gapes and couldn't name a new remedy for them. There are of course several approved methods of combating this trouble. That these still continue to be recommended is pretty

for grain and fodder; 3. Large and small charles for seed: 4. Butt, middle and tip kernels for seed; 5. Distance to plant corn for grain and fodder; 6. Distance to cases place the chicks in a cold pit (garplant corn for ensilage; 7. Removing tassels from corn; 8. Plaster and oilmeal as fertilizers for corn; 6. Treating seed corn with crossort for sput; 10. Test of varieties of corn. The results of these interesting experiments are resulted from the control of the same temperature as the surrounding air. Place the women, three of the last named appearing on the roll, though one of the water slowly by dropping small bits of three has since resigned. Certainly no interesting experiments are resided. well done it is an effectual cure.

form of fine powder blown down the throat will destroy the worms. Lime in the air will also effect the purpose, and Organized in 1808.

"Another remedy is spirits of turpenmove the cause is to remove the disease, and the chicken, if not too much weakened, will recover.

ened, will recover.

"For a few chickens, I think the feather treatment ought undoubtedly to be called the best and surest cure. This consists in stripping the feather from a quill five or six inches long to within about an inches of the top, then deather in the advancement of the Jersey cow and of the top, then double this portion over.
Wet this with turpentine a little diluted

the general promotion of the dairy interted of the caputry. At the list most with water, or with a mixture of twenty drops carbolic acid to one ounce glycerin.

feet, nor farther than 3½ feet between the rows, and the stalks should be from 18 to 20 inches apart for medium varieties, surface planted. The highest quality, and instead of 15 per cent. to 18 In discussing the question as to the weights of fodder were obtained when the stalks were but 4 inches apart in the the stalks were but 4 inches apart in the row.

6. The heaviest weight of food material for ensilage, leaves and ears was obfor ensilage, leaves and ears was obtained when the rows were \$1, feet apart and the stalks 4 inches apart in the row.

Next to this, the best results were reached when the rows were \$ feet apart and the stalks 4 inches apart in the row.

Next to this, the best results were reached when the rows were \$ feet apart and the hand a search has been made among the Powell converted to his (Ives) docthousands of rocky islands which exist trine. There is no doubt but a saving on the west coast of Peru, where the of food and an increased production of birds have their breeding grounds, and a milk can be secured in so keeping cows. targe deposit of high class guano has but it is not the immediate increase in been found. As this has been found in the rainless zone and has had time to get sources that we should look for permainto that mature friableness which was nent gain; especially if we are to keep such a characteristic of the earlier ship- our dairies replenished with strong, rements, the discovery is a valuable one, bust, healthy cows of our own breeding as the shipments which have arrived in and rearing. The latter object should Europe prove. Several samples have be paramount and the first one sought. 9. Soaking seed corn in solutions of from 12 to 13 per cent, of ammonia, one joints on some of his stock, particularly 9. Soaking seed corn in solutions of crossote does not prevent smut, but it sample showing as high as 15 per cent. the younger portion, that were showing does in the properties of the seed. There can be no doubt but that these signs of disease, when such stock is kept

> Here and There. An irrigation canal is in process of building in Utah and Idaho by Chicago Hoard's Dairyman.

capitalists, it is told, that will irrigate 100,000 acres of land. The New York state experiment sta-tion has been presented with two choice that she would be heard all over the The New York state experiment sta-Guernsey heifers by the American land calling for an improved breed of Guernsey Cattle club for experimental dairymen." says Field and Farm.

Mr. A. D. Hopkins, of the West Virestimates that 800 square miles of the state are still covered by excellent black loss as small as possible.

commissioned an agent to investigate habit of slightly skimming the milk be growth was retarded by severe drought, and report upon methods of irrigation fore he sent to the factory had been deemployed in France, Italy and Spain. Cornell university has opened a dairy A handful of whole flaxseed stirred school, where cheese and butter making into wheat bran slops night and mornready nearly four weeks earlier. Of school, where cheese and butter making these seven early kinds the Wakefield or breeds and feeding are the subjects for

study. Manusing the Tarnip Crop i. A green crop should not be grown without farmyard manure if possible. However much farmyard manure be supplied some artificial manure rich in phosphates should be added in order to ive the crop a good early start. 3. Of the several artificial manures experimented upon that prepared as a special turnip manure, whether used alone or those who originated them by selecting with half a dressing of farmyard manure, gave the most satisfactory results.



AMERICAN JERSEY CATTLE CLUB.

see the nances of noted lawvers and law-makers, preachers, editors, famous linanciers, doctors, farmers, governors of states and generals of both Federal and Confederate armies. Indeed it seems that in the course of her career the little live stock organization in America represents more intelligence and enterprise "Stoddard says that camphor has been used with success given in the form of a pea, and that alum and sulphur in the form of five powers the success of the control of the c

interests of the world as the American Organized in 1868 and incorporated by culture. The plats cultivated four times during the scason gave the best yields.

In a box covered with fine mustin and this is for a wet season, however; in a dry season general experience points to the conclusion that more frequent cultiistence. In December last, at the close tine, a few drops at a time. By some persons a diet of crushed corn, soaked in alum water or kerosene, is considered good. This last remedy does not appear thousand lave been registered sine. of the thirty-sixth volume, the member

any other pure bred cattle organization.

the advancement of the Jersey cow and ests of the country. At the last meeting the club appropriated \$10,000 for its exhibit at the Columbian fair. It is no the best yields. Only the outermost, deformed but and tip kernels were used.

5. The experiment of growing corn at different distances was tried en partially exhausted soil, and the corn therefore did not grow with the vigor it would on richer soil, nor yield as well. On this soil it was found that small to median sorts, like the Pride of the North, yield best when the rows are 3 feet apart and the stalks 16 inches apart in the row. Leanning about the same, though the stalks 16 inches apart in the row. Leanning about the same, though the best yield of merchantable corn was reached when the rows were \$1/2 feet apart and the stalks 20 itches apa Push the feather down gently through the valve of the windpips as far as it will the Columbian fair. It is no and should sleep a severy twenty-four. member every applicant has to be recommended by five or more members as apart. Listed, the best yields were obtained when the rows were 4 feet apart and the stalks 8, 12 and 16 inches apart for Pride of the North, Leaning and St. Charles, respectively; and the best yields of merchantable corn when the stalks and the stalks and the best yields of merchantable corn when the stalks were 4 inches farther apart, in each case. In general, corn grown for the grain the lowest sample to 13.94 per cent. In the lowest sample to 13.94 per cent. In the lowest sample to the count of the price of the pric s a change, cheat's to the ciul. - W. Gettys in Breed-

Reeping Cows in Stables.

been taken, and these show an analysis Mr. Powell said he had noticed the shipments mark the beginning of a new in the stable and not turned out til the following ten gave the best yields, ora in the history of guano, and one spring, and it could not be hid to a want in the order named: Mammoth White which will be marked once again by the in such a way as to be able to turn and lick themselves whether standing or lying down at all times, and had all the room needed in their stalls. - Report in

Dairy and Creamery.

In every case some of the butter fat in milk is lost whether the milk is skimmed gipla agricultural experiment station, or separated. Personal care and exact-estimates that 800 square miles of the ness must be the factor to make this

"I tell you this cheese business ain't The department of agriculture has what it used to be," said a man whose tected by means of the milk test.

A handful of whole flaxseed stirred ing will sometimes care a cow's cough.

HOW TO MEASURE HUMIDITY

NO. 513.

A Rough Test Which Will Auswer All

Ordinary Purposes. "Humidity" is the proportion of water in the atmospheric air. It is measured by percentage, 100 per cent, being the full amount that can be held in vapor form without actual precipitation in the Volume Thirty-six of the Year Book of form of dew, rain or snow. Scientifi-Running down the list of members we all the moisture from a given amount of

A rough test, however, can be made which will give an approximately correct measurement and which is an in-teresting experiment. Partly fill a thin glass with clear water of the same temof the glass read the thermometer again and notice how great the fall has been Then figure the humidity by the following rule: Two degs. fall-94 degs. huing rule: Two degs. fall—93 degs. fut-midity; 4 degs. fall—88 degs. humidity; 6 degs. fall—72 to 80 degs. humidity; 7 degs. fall—76 to 78 degs. humidity; 9 degs. fall—78 to 75 degs. humidity; 10

degs, fall—71 to 73 degs, humidity.
Of course this rule is not exact, and moreover is only calculated on a temperature of 75 to 95 degs. Fahrenhelt.

How to Make a Baby's Wrapper A dainty present for a baby's outfit is wrapper made of choeseciolis. Cut out the wrapper, using a slip pattern only opening it down the front. Each piece must be cut double, but seamed up separately. When seamed, cut cotton wadding to fit the whole gown and place it between the two parts. the edges with ribbon or turn them in. overhanding them on the under side. Tack the whole with blue or pink worsted, and sew strings to match down

the front. How to Keep Young at Seventy When a friend asked Edward Everett Hale for the secret of keeping young at seventy, he said that one should never work after 3 o'clock in the afternoon and should sleep at least ten hours in

A bit of fresh green is always a wel-come addition to a plain dining table This simple sort of a centerpiece can be kept ready by growing some vine, as perhaps that familiarly called Wan dering Jew," in a rose bowl or dish of

How the Word Candidate Originated The Latin candes means I am white, shine. Among the ancient Roa those who sought the consulship wore robes of remarkable winteness, and hence were called condidati.

How to Prevent Convulsions After a Futt. When a child in falling has hit the head, besides buthing the place, admir ister every half hour a teaspoonful of a mixture made by putting tifteen drops of arrive into half a class of water sometimes happens that convulsions follow a blow on the head, resulting some times long afterward. This simple prescription will, it is claimed, prevent

How to Stop Perspiration. If you are the ewner of hunds that perspire varigarly try anothting them with a preparation consisting of an ounce of cologne water, a dram of the tineture of belladomus, a little glycerine and enough soft water to equal the quantity of the mixture. It may

How to Remember to Do Something at a Given Time. It is an actual fact that a man who was apt to forget some important duty when the day came to discharge it used to write a poetal card to himself and mail it so it would reach him at the right time. It wouldn't be a bad idea if only one could remember to write the

How to Steam Food Without a Steamer Food can be nicely steamed by being set in a colauder over a ketile or pot of boiling water, the lid being put on outside the colander. Course not may also be used to auspend the food over the

How to Clean Vinegar Builtes Vinegar bottles may be cleaned with crushed eggabells in a little water

How to Keep Sait Day Drop a pinch of cornstarch into the alt shakers when it becomes warm, muggy weather and the damp salt will not fall out properly. The cornstarch keeps the sait dry and will not hure it.

Hang a small bag of chargoal in it.



ABSOLUTELY PURE