#### Agricultural Experimentation in Box Butte PROF. E. W. HUNT.

DIRECTOR

#### The Potato Stalk Weevil

County =

the following extract, which we think is strip the plant of foliage, more timely published now than later in There are several methods recommend-

eral years past been one of our important way of using them. agricultural industries, and many thousarticle of food.

insect itself is really like, owing to its ob- pose. scure method of feeding.

presence.

of the wing coverts. The grub or larva, bugs nor blight are present. the stage during which the damage is (c) By using lead arsenate with water: done, is also pale in color and has a dark Some people prefer lead arsenate to paris his auto like an expert. colored head. When full grown it is from green because there is not so much danger one-third to one-half an inch in length of injuring the foliage by carelessness, and and is without legs.

pending upon the latitude and the weather, water and use as directed for paris green. the beetles begin their egg-laying for the (d) By using Sodium Arsenate. To ually colarged until it occupies the entire bordeaux mixture pith cavity. Right here is where the (e) By using arsenite of lime: To pre-

work of this weevil, to blight or dry weath- gallons of water. er, and the effect of this infestation is us- (2) Gathering and killing the bugs: pitcher while here.

should be raked into piles and burned, will creep out and climb the vine again. thereby destroying all weevils contained I cannot too strongly urge all potato that the portion of the stock in which the they become a serious menace. eradicate the pest would be fruitless.

#### Potato Bugs

For the first time in many years these insects are doing considerable damage to the growing crop. This part of the state has been singularly free from its invasion. ing. It is very rapid in its development buyer. Write today. and in the damage it works. If its ravages are to be checked so as to save the crop in infected fields, immediate action must be or mail order houses call up the West- to the shop after this. taken. A delay of only a very few days ern Office Supply Co., and let them will result in irreparable loss. At present show you samples. Phone 58 or 340the damage is confined to a comparatively few fields, but there the onslaught was so sudden and unexpected that it escaped

The Colorado potato beetle is the insect that does the greatest damage. The ma- Write today. ture beetle does practically no harm. The lojury is done by the several forms of the

observation until it was too late.

insect through which it passes from the Prof. Hunt bands us Circular No. 8, young, unarmored forms of the beetle are valley on Tuesday, coming on a special issued Aug. 17, '08, from the office of the called, are voracious feeders and, appear- train and making stops and investigations state entomologist, from which we make log in such incalculable numbers, soon of the country at Torrington, Mitchell,

Potato raising in Nebraska has for sev- to call attention here and suggest the best but the supposition is that if the required

ARSENICAL POISONING

from the state annually, while still greater sons put one pound of paris green in fifty of having a factory built at Scottsbluff quantities are retained for domestic con- gallons of water and spray or sprinkle the that the people of that town are now maksumption. The light sandy soil along the vines with the mixture. When using it in ing a special effort. The sugar factory Missouri in the northeastern corner, and this way it is necessary to keep the mixthe soil of the plains bordering the sand ture at all times thoroughly stirred, so that Wyo. hills on the northwest, when intelligently the poison may be equally distributed. handled, are remarkably well fitted for Unless this stirring is well-done, some From Minatare Free Press: the profitable production of this staple plants will receive too little while others may receive enough to do damage to the The potato stalk weevil has long been leaves by burning them. If two pounds known as an important enemy of this crop of caustic lime are slaked and mixed with and has attracted a great deal of attention the paris green this danger of burning from time to time, although many potato may be prevented. Lime that has been growers have no conception of what the partly slaked is worthless for this pur-

(b) By using paris green with bordeaux In Nebraska it is probably found quite mixture: To make the bordeaux mixture, generally over the state, but is pre-emi- inclose four pounds of copper sulphate or nently a pest in those regions where pota- blue vitriol in a cloth sack; suspend it in Miss Emma Roth, who came out here toes are raised on a commercial scale, twenty-five gallons of water until dis- from Switzerland to visit her brother, notably the northeastern corner along the solved. Make a smoothly flowing lime Albert Roth, Missouri and in the northwest, principal- paste by slaking six pounds of unslaked ly in Sheridan and Box Butte counties. lime in a little water, using care that there to Scottsbluff, broke down in the Abe The former county suffered a severe in- be water enough to prevent the lime from Smith neighborhood Sunday. festation of the potato stalk weevil during burning, then gradually dilute, stirring all the year 1901, the crop being almost the time, until there is twenty-five gallons From Rashville Standard; ruined, and during the present season the of the lime solution. This solution should writer found almost all early potatoes in be in a separate vessel from the copper the northeastern corner of the state to sulphate solution. These should be run family and on Thursday went to Neligh have been greatly reduced in yield by its together into the spraying barrel, being for a visit with other relatives, constantly stirred, and used at once as the The potato stalk weevil is a small snout- mixture becomes valueless after standing. beetle. Its general color is a light gray, To this mixture add one pound of paris Monday her parents came across country in the state to place your advertisements which is caused by a covering of tiny green. Properly made bordeaux mixture in the automobile and Miss Wilma joined in. Just give it a trial and see the busiscales of that hue; beneath this covering with paris green added, will control both them on their camping trip up on the Ex- ness men of Marsland take notice. the insect is jet black. One of the most potato bugs and potato blight without inconspicuous chaarcters of the beetle is the jury to the foliage. It will also secure inpresence of three black spots at the base creased yields of tubers even when neither

because they think it adheres to the leaves Some time during the spring, either the better. To use, dissolve one pound of latter part of May or early in June, de- Swift's arsenate of lead in fifty gallons of

new brood. This is accomplished by prepare, put two pounds of white arsenic making a small slit in the stalk in which a and eight pounds of sal soda in eight galsingle egg is deposited. According to Fa- lons of water and boil till the arsenic is ville and Parrott these eggs hatch in from dissolved. This will usually take about 7 to 11 days and the young grub immedi- fifteen minutes. Replace the water ately begins to work its way downward evaporated by boiling. Keep this mixture toward the root. As it eats and grows in in tightly stoppered jugs labeled "poison." size the channel which is made is grad- Use one quart of this to fifty gallons of

damage is done, this channelling interfer- pare, boil together one pound of white ing with the flow of sap and causing the arsenir, two pounds of unslaked lime and plant to wilt. In this latitude the beetles one gallon of water for about forty-five They left Wednesday. become adult during August. They re- minutes, or until the arsenic is all dismain within the potato stalk during the solved. This makes a stock solution which winter and emerge in the spring through will keep in good condition for a long time. The vessel containing it should be Potato growers as a general rule attri- labeled "poison" and kept where it will do bute the wilting of plants, due to the no harm. Use one quart of this to fifty

ually called "blight" by them. Whether For this purpose place a stout hoop in the or not the wilting is caused by the pres- opening of a grain sack so as to hold it ence of the weevil or by drought may be open. Place the open mouth under and easily ascertained by cutting the stalk to one side of the vine, and with a brush or a large whisk broom jar the slugs into Owing to the fact that this insect passes the sack, and afterward kill them by the winter within the old stalk of the pota- drenching with kerosene oil. Where only to the matter of its control is rendered a comparatively few of the vines are invery simple. In the fall, just after or fested, this is undoubtedly the best way in just before the crop is removed, the field which to handle them. It will do no good got off the road, or ran up against fences should be thoroughly harrowed in order to to knock them to the ground and cover pull the vines with their roots, and these them with dirt as in a few minutes they

within. Some growers have made a prac- growers to keep a sharp eye on their growtice of mowing the vines and burning ing crop so as to note the first arpearance them; this method fails to get a large per- of the bugs, and take immediate action. centage of the beetles because of the fact A short delay gives them such a start that

insect is contained is often below where Sometimes the vines are infested with the sickle cuts it off, leaving it still in the the blister beetle which are troublesome, ground. To secure the best results from but rarely do serious damage. These, if this method strict cooperation among they become too numerous, may be driven growers is essential. A single field in away from the field as they fly readily and which the above directions are not carried are easily frightened, or they may be out will furnish enough beetles to infest a poisoned by either of the above methods. considerable area in that vicinity, so that Sometimes the bite of the beetles causes the efforts of those who had attempted to some inconvenience, as it usually raises a large blister, which may develop into a bad sore. I know of one instance in which septicaemia developed and the victim died from blood poisoning.

Have you a farm to sell or exchange? It costs only a cent a word per day to run an advertisement in The Omaha The present activity is undoubtedly due to Bee- It will reach over 40,000 subthe warm, dry weather we have been hav- scribers and is almost sure to find a

> Before ordering anything in the line of office supplies of traveling salesmen

If you need help of any kind, tell as the old Willis place on Grand avenue, many people as possible. There are more than 40,000 people who subscribe for The Omaha Bee. You can tell

Lawn Swings at The Gadsby Store.

#### **Neighboring Notes**

Mrs. M. Bristol returned Wednesday from Thermopolis, Wyo. Mr. Bristol met ber at Alliance.

President Morey of the Great Western Sugar Beet Co., and several of the diegg to maturity. The "slugs," as the rectors and others visited the North Platte Scottsbluff and we presume other points. They stated that the location of the proed for combating the pest to which I wish posed factory is not yet fully determined, acreage can be secured they will build a factory somewhere in the valley this year. ands of bushels of this tuber are shipped (a) By using paris green; Some per- It is to secure this acreage with the idea men went from this valley to Sheridan,

Miss Ethel Bowman came home from Alliance to spend the Fourth.

Robert L. Alkire was a passenger for Alliance Tuesday, to return the following

Alex White went to Alliance Saturday to meet his nephew, Jimmie White, who has come from Havelock to visit his grand-H. L. Nehne went to Alliance to meet

Two automobiles from Alliance, going

Roy Beckwith and wife came over from Alliance Monday to visit his brother and house, it being situated on Park street.

Miss Wilma Wood came over from Al-

W. W. Woods and wife automobiled

over from Alliance Monday and went with Dr. Wilson's family up north of town for

From Crawford Courier:

to Chadron in the evening where he will meet Wm. E. Curtis of Chicago, and S. L. Miller and Mr. Walters, general freight and passenger agents of the North-Western R. R. The party left Chadron Friday morning for Lander, Wyo. Prof. Hunt accompanied the party in the interests of western agriculture.

From Bayard Transcript:

several weeks' stay in Alliance.

Dan Bullard, wife and son, Clifford, are visiting friends in Alliance this week,

Cook Bracken, salesman for the popular Newberry Hardware Co., of Alliance, was in town the first of the week.

Link Lowery of Alliance was in town the first of the week on business. Link established quite a "rep" as a horse shoe

Jack Grimm is another one of the good people from this vicinity who was looking after business in Alliance Wednesday

Mrs. S. J. Holdridge accompanied Mrs. T. F. Watkins home from Alliance last Sunday for a few days' visit. They drove through and it is needless to say that they with no gate in sight. However Mrs. H. says the B. & M. will be good enough for

#### MARSLAND.

(Received too late for issue of July 8th) A nice shower fell Saturday and it was needed very much.

Tom Hunsaker is clerking for Bellamy & Miller this week,

The new hardware store adds very much to the looks of Grand avenue.

The patients at the hospital are doing well and some of them have gone home. Mr. Clatterbuck's new residence is nearly ready for the plasterers and paint-

Geo. Gregory and family took in the 4th of July Saturday and Sunday at

Mr. Bellamy has been beautifying his park and has just added a new fountain to

Mr. Hesser is building Mr. Clatterbuck's new house and doing other carpenter work in Marsland.

Tom Squibs has sold his blacksmith shop to Gene Kendericks, who will attend

The new druggist, Mr. Hanson, arrived Monday and is doing business at The new furniture and hardware store

on Grand avenue is neatly finished with them all for one cent per word per day. a glass front and will soon be running full

> B. Furman, the banker, will have his new residence ready to occupy soon and Fp July s-t

#### - SPECIAL -

## Bargains

For the next thirty days we will offer high-grade pianos at bargains never before heard of in Alliance

We have some special \$100 on easy payment

If you contemplate purchasing a piano it will pay you to see us while this Special Sale is on

For particulars call on the

### G. A. Crancer Piano Company

1st door west of the Jollo theatre

IDA M. ROSS, Manager

we all will expect a royal welcome when

Trussell and family, Woodie, wife and child, Hoffman and family, Gregory and family, Ellsworth and family all went to Crawford Monday.

Mr. and Mrs. Bask and children went to Crawford Saturday to celebrate the 4th of July and they got caught in the big shower Saturday evening.

Mr. Bellamy is building another new It is a neat little cottage and will add very much to the appearance of the street.

As a compliment to the dear old Herald liance Sunday evening on the train. On it is said to be one of the very best papers

#### What the Editor Cannot Do

Don't think because the reporter a week's camping out. Mr. Wood runs sees you getting on the train that he ought to know who you are and where you are going, or if he sees you greet some friends that he knows who they Professor Hunt of Alliance came up on are and where they are from. We aim the Burlington Thursday afternoon, going to get all the news, but you may be the one we don't happen to know. We try to become familiar with names and faces if possible, but during the years past we have been to church and failed to see you there; we have hung around the town pump, but some of you were not there; we have loafed on the street, we've even risked our reputation on back streets, but you weren't all there. John King returned home Saturday from And we'll be hanged if we know where to find you all. So if you are going or coming or know anybody cutting up queer capers, let us know.-Norton (Kan.) Telegram.

#### **Horses Wanted**

To pasture. Grass and water, good and plenty, one mile west of town. A. R. Wilson.

#### BRENNAN'S SANITARY FOUNTAIN

It couldn't be better IT'S BEST

#### Conrad Koch

Jewelry

and Watch Repairing

Special attention given to RAILROAD WORK

#### BRENNAN'S DRUG STORE

LEGAL NOTICE

To J. B. Wyatt, W. N. Corneal and Barney Riley:
You and each of you are hereby notified that on the 4th day of November, 1907. I, the undersigned, John Keefe, purchased at public tax sale of the treasurer of Box Butte County, Nebraska, the following described premises situated in Box + nute County, Nebraska, towit: Lot No. 10, in Block No. 37, original town of Alliance, Box Butte County, Nebraska, towit: Lot No. 10, in Block No. 37, original town of Alliance, Box Butte County, Nebraska, issued treasurer of Box Butte County, Nebraska, issued treasurer's carrificate of tax sale No. 44 therefore, and I have since paid as subsequent taxes after same became due and delinquent, the taxes for the years 1907 and 1908; that said land was taxed for years 1907, 1908 and 1907 in the name of J. B. Wyatt, and for the year 1908 in the name of W. N. Corneal.

You and each of you are further notified that after the expiration of three months from date of service of this notice that I will apply to the treasurer of Box Butte County, Nebraska, for a tax deed for said Lot No. 10, in Block No. 27, original town of Alliance, Box Butte County, Nebraska, Dated this 7th day of July, 1929

JOHN KEEFE,

Parchaser and Owner of Fp July 8-2. To J. B. Wyatt, W. N. Corneal and Barney Riley:

#### {{ Acheson Bros. {{

Refrigerators Ice Cream Freezers Gasoline Stoves and Ranges

OPERA HOUSE BLOCK

#### Palace Livery Barn H. P. COURSEY, Prop.

(Successor to C. C. Smith)

ONE BLOCK WEST OF THE NE V ZBINDEN BUILDING. 'Phone

Good turnouts, strict attention to our business, and courteous treatment to all has won for us the excellent patronage we enjoy. Try us.

#### LEGAL NOTICE.

To Lizzie Jackson:
You are hereby notified that on the 4th day of November, 1967. I, the undersigned, John Keefe, purchased at public tax saie of the treasurer of Box Butte County, Nebraska, the following described premises situated in Box Butte County, Nebraska, towit: Lot No. 11, in Block No. 25, original town of Alliance, Box Butte County, Nebraska, for the taxes for the years 1965 and 1966, and C. W. Brennan, then County Treasurer of Box Butte County, Nebraska, issued treasurer's certificate of tax saie No. 39, therefore, and I have since paid as subsequent taxes after same became due and delinquent, the taxes for the years 1967 and 1968; that said land was taxed for years 1965, 566, 1967 and 188 in the mane of Lizzie Jackson.

You are further notified that after the expiration of three months from date of service of this notice that I will apply to the treasurer of Box Butte County, Nebraska, for a tax deed for said Lot No. 11, in Block No. 25, original town of Alliance, Box Butte County, Nebraska.

Dated this 7th day of July, 1969.

Jos S Keefe, Purchaser and Owner of Said Certificate.

LEGAL NOTICE

LEGAL NOTICE

In the District Court of Box Butte County Nebraska. In Matter of the Guardianship | Order to Show of Adelia Ramsdell, an Insane | Cause

of Adelia Ramsdell, an Insane Cause of Adelia Ramsdell, an Insane Cause person.

The cause came on for hearing upon the pertition of Frank H. Ramsdell, guardian of the person and estate of Adelia Ramsdell, an insane person, praying for a license to sell the South Half of the Southeast Quarter (8½ SE<sub>3</sub>) and South Half of Southwest Quarter (8½ SE<sub>3</sub>). Range Thirty (30) West, in Holt County, Nebraska, or a sufficient amount of the same to pay the sum of twelve hundred eighty dollars (\$1280 00) for the payment of expenses incurred in the support, treatment, care and maintenance of saidward, there not being any personal property and the lacome of said ward being insufficient to pay the said debts and expenses, and maintain the said ward.

It is, therefore, ordered that the next of kin and all persons interested in said estate appear before me at Chambers at O'Nelli, Nebraska, on the 28th day of July 1908 at nine o'clock A. M. to show cause w y a license should not be granted to said guardian to sell so much of the above described real estate of said ward as shall be necessary to pay said debts and expenses. I specify that this order be published in The Alliance Heraid, a weekly newspaper, published at Alliance in said county for three weeks prior to the date of said hearing.

Dated June 25th, 1909. J. J. Harrington.

I hearing. ated June 25th, 1909. J. J. Harrington, July 1-3w Judge District Court.

CONTEST NOTICE

DEPARTMENT OF THE INTERIOR, UNITED STATES LAND OFFICE.

Alliance, Nebraska, June 12, 1809
A sufficient contest affidavit having been filed in this office by Harry Derr, contest-ant, against homestead Entry No. 01613, made October 30th. 1808, for S. W. '4 section 18, N. '5 section 18, township 24 N. of range 52 W. of, the 8th P. Meridian, by Ellert Stindt, Contestee, in which it is alleged that the said Ellert Stindt does not reside on the said Inad and has no buildings or improvements thereon and that he loss abandoned the same for more than six months prior to the date of this contest, said parties are hereby notified to appear, respond, and offer evidence touching said allegation at 10 o'clock a. m. on July 23, 1809, before the Register and Receiver at the United States Land Office at Allhance, Nebraska.

The said contestant having, in a proper affidavit, filed June 7, 1809, set forth facts which show that after due diligence personal service of this notice cannot be made, it is hereby ordered and directed that such notice be given by due and proper publication fp. June 17-5w W. W. Wood, Register. be given by due and proper publication fp June 17-5w W. W. Wood, Register.

ORDER FOR HEARING

State of Nebraska. Box Butte County ss.
At a County Court, held at the County
Court Room in said county on the 3rd day of
June, 1809.
Present L. A. Berry, County Judge.
In the Matter of the Estate of Nancy C.
Watson, Deceased.
On readous the continuous Estate of Nancy C.

In the Matter of the Estate of Nancy C. Watson, Deceased.
On reading the petition of Francis M. Watson filed herein, praying that Administration of said estate be granted to Alien D. Rodgers as Administrator.
Ordered, That said petition will be heard on the 2s day of July, 1999, at 16 o'clock a.m. That all persons interested in said estate may appear at County to ourt on sais date, and show cause if any there te why sain netition should not be granted; and that notice of the pendency of said petition and of said hearing he given to all persons interested in said matter by publishing a copy of this order in The Ailliance Hernid, a weekly newspaper published in said county for three successive weeks prior to said hearing.

L. A. Behney, Ip July 1-2w.
County Judge.

# Ranchmen

We cordially invite you to make our office your headquarters when in Alliance. Big rest room. The daily and weekly papers on file. Easy chairs and a good, clean place to rest.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Remember, when you have land for sale that we have a big organization and can sell it for you.

Buyers and Sellers We get them together \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### Phillips-**Thomas** Land Company

Ora E. Phillips Lloyd B. M. Thomas Lloyd C. Thomas

#### Combination Jack



Lifter. Post Puller, Splicer and Wire Stretcher,

most useful tool on a farm. Can be seen and tested at

604 Yellowstone Av.

Alliance, Neb., by

M. E. Anderson