REPORT OF THE COUNTY AGRICULTURIST FOR 1915

(Continued from last week.) CROP ROTATIONS.

(Project.) The lands of Crook county gener. tween \$99,000 and \$100,000. ally, excepting the narrow river botreturn a larger profit and allow the strychnine mixed dry.

ommended from the beginning of our been saved in this manner. work in the county but, because of a takes to change old methods and be- ty. tively few farmers could be influenc- ticles and through personal recomed to follow our recommendations in mendation in talks with individuals plans for this season's work.

rotation system following this sea- to form community organizations in the list each month. potatoes on these two fields.

lands or on grain lands. Field pess riculture in answer to several hun- a result of this failure on the part grow well, especially when planted in dred letters received by the Depart- of the farmer we have concluded to excellent growth the first year and cating the rabbit as a farm pest. He mers become interested and will regood yields of hay the second year had intended working in the several port sales when made. and potatoes grown on clover sod counties of southeastern Oregon inshow increased yields. Sweet clover dependently but, finding the work been a success and that it has been has this year been proven a profitable started and plans well under way for sppreciated by farmers who have recrop for this section and will make a an active campaign of eradication, it ceived it. The expense of publicagood growth and yield of pasture or was agreed between us that the work tion has averaged \$14 per month and hay on new lands, and, for obtain- would be done co-operatively in this because of lack of written informaing a fair to good crop, requires less county in order that it might be tion as to sales made through this work in preparation of the land for shown what results can be obtained medium we have been unable to grow well on dry lands, which fact cd. Since November 22 we have held has paid. Through this medium, least one cuitivated crop should be community organizations. Four of with many farmers whom we should included in a crop rotation.

It is not difficult to select the crops communities have organized for the asking for a continuation of the pubwhich may be used in a rotation in rabbit fight without our being pres-Crook county with profit. Rotations ent, to follow instructions written to recommended are as follows: pota- personal letters to hem or chained toes, grain crop used as a cover crop from articles which we have written for clover, clover and potatoes; pota- for the local press. Six hundred and agriculturist for 1916 will be a contoes, grain crop, field peas, potatoes; or, sweet clover, potatoes, grain crop. clover; the latter being of especial state moneys to be distributed to ance with our county and because the value to the dry farmer. The first mentioned rotation will cover four lae for mixing poisons and instruc- our work, efforts for this season will years and last two three years.

in this county and where the clovers, especially sweet clover, are grown, larger amounts of humus will be ad-

AS A FARM PEST. county for several years, but in 1914 reach it. caused considerable less. Early in given that it is a very dangerous 1915 very large numbers of lack rab-bits appeared in practically every ing of corrals for putting out baits farming section and on the stock and poisons are recommended. As ranges and sage brush lands and de- this article is written, very little favstroved great amounts of crops and or able weather for poisoning has ocwild grass. Complete data as to the curred, the ground remaining undamage done by this pest in Crook frozen and natural feed for the rabcounty during 1915 is being collect- bits being easily obtained. Mr. K. ed at present but has not yet been D. Houston, near Paulina, on De- and private families.

obtained in full. In our opinion, the total damage to crops in this county for 1915 will be found to be be-

In a few localities destruction of with very little humus or vegetable spring of 1915 by holding communmatter in their composition. Yields ity rabbit drives. As high as 1500 obtained from fields of alfalfa which rabbits were killed in one of these have been planted on new lands have to diminish the number of rabbits unsatisfactory and the grow- noticeably. No reliable information ing of other crops together with the as to methods for the eradication of addition of humus will increase the this pest during the summer or through this "rabbit" campaign will yields of alfaifa planted thereafter, growing season could be obtained. One of the most necessary require- Some poisoned oats and alfalfa were ments for their improvement and for tried by farmers but without material the growing of maximum crops is the success at this season of the year addition of this humus. Through the We found a few farmers who were use of barayard manures, much of succeeding in killing many rabbits the necessary humos may be obtain- by the use of a mixture of strych- products for sale and often on the ed but, in a country as new as this, nine and salt, some using a considfew animals are kept by the average erable amount of sugar in this mixfarmer and the manure is not ob- ture. Upon investigation we found The value of crop rotation that a considerable number of rabbits on more fertile lands and in older were killed through using this meth- exchange list published monthly and cultivated sections has been proven od and we recommended it for use and is recognized by all. The pro- with special caution to keep it where duction of crops which will return a livestock could not reach it. Best profit and, at the same time, add veg- kills seemed to be obtained by using etable matter to the soil will usually two quarts of salt and one ounce of farmer to "make expenses" as he im- was placed in one half teaspoonful 1915. Results obtained with this list doses where stock could not reach it, In our reconnaissance of the agri- usually placing the salt in a hole one lication was made March 1st and the culture of the county in 1914, we inch in diameter bored into a two list continued throughout the year, found that the majority of the far- inch plack and placed in rabbit run- being published the first of each mers, in fact practically all of them, ways, or where they congregate to month. The exchange list was mailed were growing one crop or class of feed. As high as 260 rabbits per only to farmers who asked that they crops on their fields continuously, ounce of strychnine have been killed receive it. By June 1st the list was The value of the rotation of crops this summer through use of this mix- mailed to 355 farmers. On January was recognised and the practice rec- ture and many acres of crops have 1st, 1916, there were 552 farmers re-

the difficulty always encountered campaign for the eradication of the when a new man in a country under- jack rabbit as a pest in Crook coun-The campaign was started cause we are aware that compara- through the writing of newspaper arwas made fourth in our ty commissioners at their August Two farmers were this year influ- in this work. This amount was dup-Also, sweet clover will in a count; if organized effort is us- show with definite data that the list At 26 meetings and organized 20 new however, we have become asquainted these organizations already active not have otherwise reached. We an-With the above facts as our guide, have taken up the rabbit work. Three ticipate a large number of requests twenty two ounces of strychnine have tinuation of the work of 1915. Howbeen purchased with the county and ever, because of a better acquaintorganized communities. The formu- farmers are better acquainted with tions for each community's work is be largely on the project plan. These There is no doubt but that any of given by us. Only organizations are projects allow more definite work these rotations will prove profitable furnished free strychnine and those along certain lines and will d-al which do the most effective work will largely with organized communities.

receive a larger amount of free poisded to the soils. In adopting one of "poison mixer" or "rabbit man" who Community and county organization these systems of crop rotations, it is has full charge of the work done in of farmers; eradication of jack rab not necessary to abandon the grow- eradicating the rabbits. The mixture bits as a pest; eradication of ground ing of alfalfa for, while one or more of poisons is under the supervision squirrels, commonly known as sage fields may be used in the rotation, of Mr. Ward who has recommended rats, as pests; boys and girls indusone field may be left in alfalfa for for use in this section the following trial clubs; improvement of farmer's four to eight years. During the first poison mixtures: Chopped alfalfa hay markets; duty of irrigation water; three to six years, however, the land 16 pounds, sprinkled and thoroughly drainage of wet and alkali lands and will be greatly benefitted by use of a mixed with one ounce of sulphate use of best crop varieties. rotation system similar to those here strychnine in two gallons of water, suggested and the larger yields of This has proven an effective poison. alfalfa thereafter obtained will well bu is more dangerous where lives pecially a group of farmers, interrepay the farmer for postponing his stock are present than are the pols- ested in any of the above named oned oats which are prepared by mix- projects we shall undertake to spend ERADICATION OF JACK RABBITS ing one tablespoon of gloss starch in the season with them assisting in one half tea cup of cold water and the solution of their problems in Work against farm peats was not stirring it into one pint of boiling every way possible. A large part of included in the regular plan of work water to make a thin clear parte; one our work for this season will be done for this year as submitted at the he- ounce of powdered alkaloid strych- through and with community orgaginning of the serson, but because of nine and one ounce of powdered bak- nizations. the appearance of large numbers of ing soda and one tenth ounce of sacrabbits and ground squirrels in the charine are stirred with the starch county, it was found necessary to to make a smooth creamy mass. take up this work as fully ac prac- This is applied to 12 quarts of clean ticable throughout the year. Both oats and mixed thoroughly to coat back rabbits and ground squircels each kernel. This poison is also (locally known as sage rats) have dangerous for livestock if placed in been known as a farm pest in this large quantities where they can If scattered sparingly they appeared in large numbers in a along rabbit trails, live stock have few localities for the first time and not noticed it, but caution is always

cember 14, put out two quarts of the poisoned oats about his hay stacks and the following morning we assisted in the picking up of 45 dead rab- Commissioner Blanchard Working bits resulting. The Hemstad Valley Development Club put out 12 quarts of poisoned oats and obtained 240

dead rabbits from same. We are of the opinion that a very large number of rabbits will be kill- graded during the past two years, a ed this winter through this organized work against them. The organization of communities will continue and every interested community will be tion of the elements Commissioner assisted in every way possible.

Strychnine is being purchased for drag in his territory, about twelve in drives, but this method did not seem them in 100 ounce lots from the number and every road that is in manufacturers at prices considerably proper condition will be dragged just elow the retail price of the poison. A full report of results obtained be given at its completion or in our regular report in 1916.

FARMER'S EXCHANGE LIST.

In our travels about the country and in talks with farmers we found many farmers with livestock or farm same day discovered a man who wished to purchase livestocs or pro- that is in hand, with a view of having ducts similar to those for sale by the it practically completed before the first farmer. The value of a printed dry season starts. giving a list of live stock and farm products was soon appreciated and taking the list of these articles from o r notes taken in the field we published the first Crook county farmer's exchange list on January 22. were so satisfactory that second pubcelving it. During the time of pub-In August we started an active lication 146 farmers used the exchange list as a medium for buying Bend Bulletin and selling. An average of 13 farmers used the list each month.

Farmers using this exchange list were asked to report all sales or purchases from the list in order that we this particular, the "rotation of crops and at farmers meetings. The coun- might have definite data to show that the list was of value as published. meeting appropriated \$250 to assist Few of the farmers reported sales when made but upon inquiry we, in enced to start a rotation system by licated by the state in confirmation nearly every instance, found that plowing clover sod and planting on with the law passed at the last State sales were made. A statement printthe field a crop of potatoes. Several Legislature. The plan for work in ed in large type asking that report have stated that they would use a this fight against the jack rabbit is of all sales be made was placed on son's crop. Resulting crops from every inhabited section of the coun- from those receiving the list indicate planting potatoes on clover sod, show ty, these organizations to undertake that it has been appreciated and that an increase of 40 and 60 bushels of concerted action in the use of pois- it is considered of value by the farons or other methods recommended mers. However, because of failure On new lands in this section, pota- for the eradication of the pest. On of those using the exchange list for toes make a very fair yield. Grain November 18, Mr. R. A. Ward, U. S. advertising to report sales and beerops following make an increased Biological assistant came to Crook cause we would be unable to show a yield over those planted on new county from the U. S. Dept. of Ag- cash value for the exchange list, az rows and cultivated. Clovers grown ment from farmers in Eastern Ore- discontinue the exchange list after with the grains as a cover crop, make gon, asking for assistance in eradi- the issue of January 1st until far-

We know this exchange list has

THE AGRICULTURIST'S WORK

A large part of the work of the

Some of the more important pro-Each community elects its jects as planned at this time are:

Our work is co-operative and whenever we find farmers, and most es-

THE END

Clean up and paint up. See Edwards.-Adv.

LEAVE SILVER LAKE.

(Silver Lake Leader.) The Strahorn railroad engineers and surveyors, with N. H. Hogue at the head, after making Silver Lake their headquarters for the past three weeks, moved camp last Friday to the Thompson valley, 12 miles southwest of town, having finished the prelimmary survey from Lakeview to Silver

The American Bakery announces that it has begun to make ice cream and from now on will have it for sale at all times to hotels, restaurants

ROAD CREWS ARE BUSY

Over a Hundred Men.

(Crook County Journal.)

The recent storm has been of great value to the roads in Central Oregon. Many miles of road have been

large percentage of which was becoming somewhat cut up by the heavy traffic. Quick to take advantage of the ac-

Blanchard ordered out every road as soon as it is dry enough to permit first class work.

Incidentally the rains softened up the surface of the roads and makes improvement and grading easier in the Crooked river road and others that are now receiving the attention of the court.

There are now more than a hundred men in the employ of Commissioner Blanchard, rushing the work

"I am 52 years old and I have been troubled with kidneys and bladedr for a good many years," writes Arthur Jones, Allen, Kans. "My age is

against me to ever get cured, but Foley Kidney Pills do me more good than anything I ever tried." Rheumatism, aching back, shooting pains, been relieved. Sold Everywhere, adv When you buy a sack of outside flour you hinder the development of

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