

From The County Agent's Office

By N. C. Anderson

On Tuesday of this week the county agent accompanied Mr. Fahey and Mr. Busdicker of the bureau of entomology and plant quarantine in a survey of the mormon cricket area in North Morrow county. During the day a complete survey was made by jeep of over 100,000 acres in the Boardman bombing range and the area lying on each side of it. Concentrated surveys were made in the areas where the last infestation of mormon crickets were especially heavy. Crickets were found to be in the second in star and were very scattered. There was no area surveyed where they were found to be thick enough to warrant a spray program this year. A follow up survey will be made about June 1st, when the crickets become adults in order to determine whether there might have been some concentrations missed.

It appears as though the extensive airplane baiting program carried on four years ago has paid off in controlling mormon crickets in our county.

An error has been called to our attention in the potato seed rot story on page 13 of the spring issue of Oregon's Agricultural Progress. For those of you who receive this periodical, the statement should read "Dip all seed pieces in Physgon, one pound in 10 gallons of water."

For those of you who garden as a hobby and to supplement their home food supply, good news has been announced this week in regards to a new green bean just released. It is especially adapted to Eastern Oregon and has been named Columbia. It is an improved strain of the Blue Lake type. A few seed houses have a supply of this seed for 1954 planting.

Each week we receive inquiries regarding the multi flora rose and its use under our conditions. Since every farm magazine and daily paper that one picks up has

advertising for the multi Flora rose, the following information released from the Horticultural department from the college should be of interest to those planting a planting of multi flora rose. This is the same plant that is used as an under stock of our yard roses. I think that every one knows how hard it is to get them to grow and produce as they would like them to do. First, one must have perfect plants, then a rich well drained soil, proper planting, protection from damage, water, fertilizers, sprays, dust, pruning, and a continuous round of care. Anyone who has an inclination to do all of these things to have a multi flora rose hedge or fence will surely get a lot of encouragement on establishing one. As yet there have been no plantings reported in Oregon which resembled a stock proof fence unless a good fence was a part of the planting. The material does offer something as a cover for birds and as a protection against certain cases against soil erosion. Very few can give the care needed to grow it into a food fence or hedge row. If it is not trained it would occupy from 8 to 10 feet of land which if good enough to grow multi flora rose is of too much value to be so occupied.

Visiting at the D. O. Nelson ranch in the Alpine community last Sunday, some interesting things were noted in windbreak and grass plantings at his farmstead. To my knowledge, Mr. Nelson has the oldest planting of Caragana in Morrow county. This was planted in 1949 as a shrub on the windboard side of Mr. Nelson's four row windbreak. It has made a good growth but has not been pruned to form a dense low growing shrub. This can still be done by cutting it back and forcing it to shoot out from the roots. Mr. Nelson plans to do this during the dormant season next fall and winter. The four row windbreak is providing much protection from the prevailing

winds. Since Mr. Nelson has a well capable of irrigating the windbreak, he has seeded grass between the rows, rather than clean cultivating it. The grass is providing a considerable amount of pasture and last year 15 sheep and two ponies were grazed on it continuously for three months. The seeding is less than one acre. The excellent grass mixture is composed of orchard, smooth brome, alta fescue, with ladino clover. Incidentally, fruit trees and very vines that the Nelson's have put out are providing them a lot of home grown fresh fruit.

The new livestock pest control circular that we announced was soon to be available in our column a few weeks ago, has arrived. In looking through it, it appears to be the best yet published in regards to the various livestock pests which includes, grubs, lice, ticks, and horn flies. Nine different insecticides with application recommendations including amounts and equipment. A copy can be secured from this office.

Attention is called to livestock operators who are interested in the feed efficiency testing program which is being carried on at Condon again this year. The annual field day will be held at the Fair grounds there on Saturday, May 1st. The program will start at 10:00 a. m. and will be finished by 3:00 p. m. Several Morrow county bulls are being fed in the program this year. Those with bulls from here are Harvey Smith, Ione; Steve Thompson and Frank Anderson of Heppner.

While feed efficiency of the bull has been the main program at Condon, some thought has been given to feeding out some calves from some of the bulls that have been tested in order to test their efficiency in utilizing feed. This would tie in to the bull efficiency program to determine what percent of the calves being sired by such bulls are efficient in converting feed to meat. Some work of this kind has been done at the Pan-Tex station near Amarillo, Texas. A record on 341 bulls tested revealed that the top gaining one third gained at the rate of 2.8 pounds per day and required 805 pounds of feed per hundred pounds gained. The low gaining one-third gained at the rate of 2.1 pounds per day and required 913 pounds of feed per hundred pounds gained. One of the highest gaining and one of the lowest gaining bulls were used on uniform groups of randomly selected cows. Calves sired by high gaining bull 25, average 492 pounds at weaning. Those 26 sired by low gaining bull weighed 442 pounds. An advantage of 50 pounds per calf in favor of the high gaining bull. After a one hundred forty day feeding period the difference was one hundred two pounds in favor of the high gaining bull. The interesting feature was that there was nothing about the appearance of the bulls to indicate any advantage of one over the other.

The department of animal husbandry at Oregon State College has just completed a beef cow record sheet for keeping individual cow records. Several livestock operators are using the type of record now for livestock in keeping complete record of vaccination, calfhood weaner and yearling weights, birthdays and other information which is helpful in culling cows and in improving the range beef herd. We have a supply of these record sheets and would be glad to supply them to anyone who is interested in their use.

O. W. Cutsforth, Lexington, has recently added a new herd bull to his commercial herd. The bull, a proven sire from the Ted Ball

ranch, is Wasco County, has sired some excellent calves including several grand champion 4-H club steers. The bull, a 6 year old is still sound and gets around like a two year old. This is an example of putting a good proven herd sire to work rather than beefing it while there is still good years of service left.

At an annual meeting of the American Society of Agronomy, E. R. Jackman, Farm Crop Specialist at Oregon State College, gleaned some rather interesting items. He reports that it has been found that soil losses are three times as much on slopes facing the direction of the storm as they are on slopes facing away from the storm. It has also been found that strong mulch is three to four times effective as Krillium or any of the other new soil conditioners. The loss of soil with a straw mulch is only one-fiftieth that from a bare surface. Here is one that was reported at this meeting that might be tried in Morrow County if we could find some brave rancher who would be willing to try. A field of Ladak alfalfa in Oklahoma has been pastured constantly for 16 years and is attracting a great deal of attention all over Oklahoma and other surrounding states. The system that this man uses is to wait until the alfalfa bloomed then turned his cattle into it and pasture it the balance of the summer and all fall and winter until all vegetation is cleaned up. Stock are taken out in the early spring and the alfalfa allowed to grow again. Under this system, the alfalfa has maintained its stand beautifully. There is practically no encroachment of any other vegetation and this man has the heaviest steers for their age that are produced on pasture in that state. I would not like to guarantee the same results as this gentleman has found in Oklahoma and I might be a little uneasy thinking of blots for a while at least.

A good many acres of grass and alfalfa for pasture and hay are being seeded throughout the county this year. A few of the farmers who have seeded grasses and legumes are Jim Lindsay and Herbert Ekstrom of Ione; Alvin Wagonblast and Vernon Munkers Newt O'Harra, Bernard Doherty of Lexington; Ladak alfalfa is the popular alfalfa used in the mixers although other varieties are used. Some Namad has been used this year and Alvin Wagonblast seeded Talent, a relatively new alfalfa in his seeding. For pastures, Alta fescue, smooth brome and intermediate wheatgrass are most popular. Intermediate wheatgrass with alfalfa is gaining much popularity as a hay seeding. While there are a few ranchers that hesitate to feed intermediate wheatgrass, there are a majority that are so unanimous in their praise for intermediate wheatgrass that it is a recommended practice. One of these ranchers is Ralph Beamer, Heppner. Mr. Beamer is very well sold on intermediate wheatgrass in his alfalfa as a feed and recently told us that his cattle would clean up every spear of intermediate and alfalfa mixed hay. He further stated that one group of yearlings were doing so well on this hay that he discontinued feeding them grain. Their gain and condition was so good.

HAPPY BAKERS
The Happy Bakers cooking III club held their second meeting at the residence of Cecil Jones on April 14.

After the business meeting we made savory stew. It was eaten by the members.

Barbara Steagall, reporter

USE GAZETTE TIMES CLASSIFIED ADS

IONE School Notes

By Supt. Chester L. Ward

Donald Peterson, commander of the American Legion Ione post, appeared before the student body Monday and presented in behalf of the American Legion, a beautiful trophy to the students. On the trophy was engraved the names of the players who played basketball at the tournament in Salem. This was a wonderful gesture to the entire student body; they greatly appreciate the cooperation. This trophy may be seen in the new case in the new building.

At the regular P-TA meeting Wednesday April 28 a panel discussion was held with Mrs. Alfred Nelson, Mrs. Franklin Ely, Lloyd Howton, Supt. Leslie Grant and Supt. Chester L. Ward taking part. The topics were: Supt. Grant spoke on community guidance; Mrs. Ely on school guidance; Mr. Howton on adult and parent guidance; Mrs. Nelson on organization guidance, particu-

larly the P-TA; Supt. Ward on co-ordination and the importance of guidance. He spoke briefly on spiritual guidance.

Supt. and Mrs. Ward spent the weekend in Portland on business. Ione lost to Stanfield at a baseball game there Thursday evening last week.

The grade school lost here with a game with Echo Saturday morning.



Arrangements for the second annual livestock field day have been completed and will be held at the Fair grounds on Saturday, May 1st. All 4-H livestock members and leaders will have the opportunity to do fitting, judging and showmanship during the day. The program begins at 10:00 a. m. and will continue until

about 3:00 p. m. Jim Elings extension animal husbandryman from Oregon State College will be with us to assist with the field day. Those club members who will furnish sheep, swine, beef and dairy, are Shirley Peck, Douglas Terry, Dickie Ekstrom, Martha Rogers and Dennis Doherty. Kit George, and Jerry Anderson. The field day was scheduled by agricultural leaders after a successful field day held in 1953. Club members, parents, and others interested are urged to attend. Every one should bring a sack lunch. Lunch will be eaten at the fair pavilion and Cocoa and cold drinks will be served.

Recently announced is a new ten year 4-H member award which will be provided effective this year. For those club members who have completed ten years of club work, a necklace will be the recognition for the girls and a key for the boys. 4-H Club members who completed nine years and who are again enrolled in the 4-H club program this year are: Deane Graves, Heppner; and Edna Grim, Irrigon.

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Advertising helps you live better. It introduces you to new products you need. And because it makes business more competitive, advertising stimulates the development of many of these superior products.

Advertising creates jobs. The increased demand for goods that advertising builds—and the mass production that results—leads to mass employment, faster promotions, higher pay levels.

Advertising helps those who serve you. It helps the farmer sell his crops... the manufacturer sell his factory output... the merchant sell his wares... the technician sell his skill. And because, with advertising, all these people sell more, each can afford to sell his goods or services to you for less and still make a reasonable profit.

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Super Kem-Tone \$5.45 gal.
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Flows on freely, dries in 3 to 4 hours to a satiny surface like baked enamel. Beautiful lustrous enamel for kitchens, bathrooms, all woodwork. 24 colors.

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MORROW COUNTY SCHOOL DISTRICT BUDGET 1954 - 55

ESTIMATED RECEIPTS	Heppner	Irrigon	Lexington	Boardman	Ione	Hardman	Non High	Rural	Total	Total	Increase	Decrease
	No. 10	No. 10	No. 12	No. 25	No. 35	No. 40			1954-55	1953-54		
1. Delinquent Taxes	1,000		700		1,000				3,074	1,641	1,433	
2. County School Fund	6,200	2,300	1,010	1,500	1,700	350			13,060	10,507	2,553	
3. Basic School Fund	50,500	18,283	10,000	15,145	17,908	1,840	600		114,276	101,546	12,730	
4. Irreducible School Fund	400	210	70	150	135	15			980	942	38	
5. Vocational Education	1,700								2,700	2,700	0.000	
6. Elementary Tuition	150								150	7,050	-6,900	
7. High School Tuition	3,200								3,200	9,000	-5,800	
8. Transportation									0.000	730	-730	
9. Rentals	500		100		50				650	2,110	-1,460	
10. Estimated Total Receipts	63,650	20,793	11,880	17,795	20,793	2,205	974		138,090	136,226	1,864	
11. Estimated Cash Balance or Deficit	39,822	40,000	8,000	2,975			7,321	750	98,868	36,780	62,088	
12. Total Receipts and Available Cash Balance	103,472	60,793	19,880	20,770	20,793	2,205	8,295	750	236,958	173,006	63,952	
1. General Control	14,250	4,730	2,325	3,590	7,524	180	150	7,665	40,414	30,481	9,933	
2. Instruction	126,050	57,675	33,010	46,925	49,757	4,250	6,045	3,870	327,582	327,260	322	
3. Operation of Plant	22,000	15,290	7,060	9,350	11,790	2,650			68,140	62,360	5,780	
4. Maintenance and Repair	12,000	4,850	2,700	4,810	3,400				28,210	31,095	-2,885	
5. Auxiliary Agencies	25,185	9,946	11,035	11,461	25,655	875	2,000		86,157	89,968	-3,811	
6. Fixed Charges	9,818	6,000	1,925	4,680	4,500	600		375	27,898	26,024	1,874	
7. Capital Outlay	7,997	1,700	900	6,110	4,200	600		100	21,607	23,080	-1,473	
8. Debt Service				300	350				650	780	-130	
9. Emergency	2,700	1,300	700	1,000	1,200	100	100	4,125	11,225	11,210	15	
Total Estimated Expenditures	220,000	101,491	59,655	88,226	108,376	9,705	8,295	16,135	611,883	602,258	9,625	
Total Receipts and Available Cash Balance	103,472	60,793	19,880	20,770	20,793	2,205	8,295	750	236,958	173,006	63,952	
Amount Necessary to Balance the Budget	116,528	40,698	39,775	67,456	87,583	7,500	15,385	374,925	429,252	-54,327		
Tax Rebates Estimated	2,800	1,650	930	1,200	1,600	275	460	8,913	9,238	-323		
Total Estimated Tax Levy	119,328	42,348	40,705	68,656	89,183	7,775	15,845	383,840	438,490	-54,650		