EIGHT PAGES

THE INDEPENDENCE ENTERPRISE, INDEPENDENCE, DREGON.

·ROAD · BUILDING

BENEFITS OF COUNTRY ROADS

Among Other Things They Cheapen

Cost of Transportation of Farm

Products to Market.

community. They make possible

social intercourse. They bring the

benefits of churches and schools with-

in the reach of all. They help to keep

the boys on the farm. They cheapen

the cost of transportation of farm

products to the markets and thus add

to the farm profits. They add to the

value of farm lands much more than

they cost. They mark the degree of

civilization of the rural community.

This, in short, is the value of good

roads as seen by the extension service

of the University of Missouri College

The building of good roads is of the

greatest importance to a community.

What kind of a road should be built?

Of what should it be constructed?

of Agriculture.

USS NOBLEWOMAN DESCRIBES ATROCITIES OF THE BOLSHEVIKI

undreds of Persons Tortured in the Most Inhuman Fashion Before Being Put to Death and Their Estates Pillaged and Mansions Razed-Thousands Die From Hunger All Over Country.

ger: we die!" The despair to which bolshevik mis-

has reduced Russia is thus epito- returned two months after. red by a Russian noblewoman wideknown throughout her country, in a mily murdered, this titled woman is to be shot the very next day.

oved to remark that "three years n my second daughter and her husnd died, he having caught cold in w I envy them."

"I bes of you never to mention my ple of our cities to starve. me; I wrote frankly to you counting your discretion," is the plea which at of bolshevik tyranny moves the nfortunate woman to place at the ese of her letter to her friend, a New ork woman of prominent and influen-I family. "Excuse the Incoherences; write with my heart bleeding, knowthat I shall never be able to give ou the faintest idea of the sufferings at thousands are enduring."

A graphic tale of the misery that preads itself over Russin is unfolded arder by bolsheviki, Germans, Finns

Both the noblewoman who wrote the lutely nothing ! tter and the woman who received it re well known. The danger involved or the former makes it advisable that ot only the names of the persons but he names of the localities mentioned withheld from publication. The leter in full reads as follows:

"My very, very dear Mrs. B----: "At last I am able to write to you guard of the unfortunate emperor and

nd to hope to hear from you. "I will endeavor to tell you briefly the personal events of these terrible ast years. ' But how to begin? How to give you the faintest idea of the the bolshevik1? Speaking . of ourgives, I will tell you that we have ost everything. The bolsheviki have stelen all our fortune, boxes of silvermembrances which uncoubtedly are now destroyed.

New York .- "We do not hope any pers that the reds had sent to Siberia bourgeoisie; some died and the others

"Although under our roof lived a military guard of bolsheviki or reds, markable picture of events in her good luck kept us from sharing their antry contained in a letter received lot. I cannot describe the last days. entry in New York. Her castles After the arrival of the Germans a cently in plundered or razed, her list was found of about a thousand estates plan and her friends and persons, in which we were, who were

"The reign of the Germans lasted exactly seven months; they annihilated all our hopes, they accumulated trenches. Then I was in despair; taxes upon taxes; carrying away all the food to Germany, leaving the peo-

> "No discipline, corruption everywhere, no administration. Only those who deliberately closed their eyes to evidence failed to see that a country rule.

blind ! ing themselves, having nothing, abso-

Reds' Rule Was Worse.

"Then, for another year the country was at the mercy of the reds, and it was worse than the first time.

"The Bolsheviki had with them Chinese and Red Lettes, who were terribly cruel, and those formed the his family.

"On the 28th of November we learned that W-- had failen; that the Germans were leaving us in haste; and, as the German general commandmaginable atrocities committed by ing at R---, had, at the request of the Lettes, refused the formation of troops with the men of the country, we were left without any defense.

"The lights of the electric projectors we could see everything; there was

caught cold in the trenches. Then I by the inland ways, through dreadful

Files Suit on Herself, Then Argues Own Case

Mrs. Alice Viola Parsons, a Denver beauty specialist, appeared before a jury in Judge G. W. Dunn's division of the county court in more roles than it is given most persons to play in court.

She is plaintiff, defendant, plaintiff's attorney and star witness in a suit brought by herself against the Instant Anti-Wrinkle company, of which she holds 40 per cent of the stock. The suit is being contested by

other stockholders in the concern. Mrs. Parsons claims that the company obtaned valuable wrinkle eradicating formulas from her and has withheld her salary. She asserted that she had no money left from the venture, and so was obliged to act as her own attorney.

thus plundered and so badly treated a hundred and fifty marks; a kilowas not to remain long under their gramme of sugar one hundred marks, But, alas! How many were etc. Also Finland tried to get rid of so many people she had to feed, and,

"Then came the great catastrophe; as the bolsheviki who come up to 28 the German troops fraternizing with kilometers from R---- had been rethe bolsheviki at W----; surrendering pulsed by the Fina troops, which had to them cannon, war ammunition, and at the last moment come in aid to the refusing to fight. The Germans even Letts and to the volontaire corps of the letter. Wholesale pillaging and damaged the cannon they left to the Balthes-Germans, the Finns then or-Esthes troops, which had been formed dered all fugitives to leave the country and others swept the land clear of its hastily and were incapable of defend- within six days. However, we received, on account of my husband's bad condition, permission to stay until he

would get better. "Going back was an impossibility. the situation being still very grave; a

second expedition was no longer possible for the strength of my poor husband; moreover, we had nothing left. Our large city house was taken and Good Roads Like This Bring Farmer turned into a hospital by a Russian volontaire corps. M---- devastated and plundered! First by the bolsheviki, then by the Esths, whom the Germans left unpunished; then by the white troops and the Finns, who were fighting the reds, German properties

being left unmolested. Family Lost Everything. "Last year our estate had suffered, but our magnificent castle with all its dependencies had been respected. Now ware, precious objects, personal re- of the enemy's ships already illuminat- all have pillaget it. The Finns being ed our shores ; from the castle's tower more civilized stole the most beautiful things-paintings, bronzes, antiques, not a minute to be lost. The trains were etc. Finally the 36 masters' rooms and "Three years ago my second daugh- running only for the German troops; the 11 servants' rooms were plundered. ter and her husband died, he having it was then necessary to risk traveling What they could not take away they smashed or burned. We lost everywas in despair, now I envy them. The ronds and in a country in revolution, thing. Not a sheet, not a plate or a year 1917 in autumn, we had to flee for when the Germans took posses-glass exist, and when our intendant a used road is bad it should be from M-, and come to the city, sion of the provinces they took care complained to the minister of state (a changed if possible. In relocating roads from M—, and come to the city, sion of the protect friends, the bol-where we lived under the reds' regime until the arrival of the Germans. see and to live with the people who to have some souvenirs. The whites had stolen and pillaged our properties. pillaged, as I hear, 80 estates, and they load which can be hauled economically. The Germans did nothing to find out were supposed to be our defenders! "Friends here obtained for us the permission to come to K-, where we "After having packed in haste the found two rooms in a family. We strictly necessary things, our small hope soon to find some occupation, and caravan started at five o'clock in the sell some furs that I could take with morning; it was dark and the roads me, for unfortunately my beautiful laces are also in Petrograd. "I do not know whether you have an of December. We were able to stay idea of what the bolsheviki have done four weeks at our home, then in great everywhere whenever they had to rehaste we had to embark on the boat tire. At W- they killed 82 people; sent to Finland for the fugitives and we have lost friends, acquaintances we arrived at Helsingfors. Lassitude, and our excellent and noble doctor. Altroubles, and emotions of all these most all were tortured before being put they broke his two legs. To the old "Fortunately we found two rooms in Baroness H., seventy-two years old, a hospital; there we lived for two after having opened her stomach, months, being often hungry, and when snatched out her intestines while alive. we could get some food it was execra- They killed priests, doctors, nobles, ants. They made several persons dig their own graves, forcing them to unwhich ordinarily cost from five to fif- dress; a carriage was waiting to take teen kronen, cost from one hundred to awny their clothes. Then they torlegs, crushing the limbs, snatching the intestines, gouging out the eyes, scarring the cheeks, and they even burned two persons alive.

Much Depends Upon Interest of Gardener Being Maintained Throughout Season.

IN HOME GARDEN

MAKING SUCCESS

Man Must Make Continuous Fight From Start, Never Shirking Duty and Keeping Everlastingly on

(Prepared by the United States Department of Agriculture.)

The ultimate success of a home garden depends largely upon the interest of the gardener being maintained throughout the season. Many persons have gotten the idea that when the garden is planted and cultivated two or three times their work has ended, and as a result the garden soon goes to weeds or is destroyed by insects and diseases. The successful gardener, declare the specialists of the United States Department of Agriculture, is the one who wages a continuous fight against the enemies of the garden from the very start, never shirking his duty and being everlastingly on the Job.

A crop of weeds can be destroyed in a few moments by means of a steel rake or a hoe, if it is used when the weeds are just coming through the ground. If allowed to remain, the weeds become firmly rooted and a thorough renovation of the garden is necessary to rid it of them.

Seem Innocent, but They're Not.

A few old-fashioned hardshell potato bugs may not appear to do any great harm, but the crop of soft-shelled beetles they produce will eat the leaves from the potato vines almost before you know they are present. A few spores of some mildew or other disease may not do any great amount of damage, but if the weather is favorable for the spread of the disease, it will soon cause the loss of the entire crop

The old adage of "A stitch in time saves nine" applies with double force to the care of the garden. Keep up interest in the garden and make successive plantings of various crops, so that a continuous supply of vegetables may be provided for the table. There is nothing gained by having the land lie idle, and it is easier to keep it clean if there is a paying crop upon it.

"Seedy" Gardens Show Neglect.

Too often gardens with a "seedy" appearance are seen in the middle of the summer. The brush on which the peas were grown or the wire trellis on which they were trained is left with the remains of the crop upon it, and general unsightliness rules the entire plot. It is a little more trouble to keep things neat and attractive, but it pays in the long run; and if you as a gardener want to maintain a reputation



PAGE

INCREASE IN DAIRY PROFITS

Dairy Bull Associations Have Done Good Work and Show Big Increase in Incomes.

(Prepared by the United States Depart-ment of Agriculture)

Scrub dairy bulls are doomed. The bull association sounds their death knell, but it replaces them with, bulls of better breeding. In June, 1916, there were 44 dairy bull associations and several have been organized since then. They are doing excellent work. Without exception they show an increased income without an increased cost.

The New Windsor (Maryland) Bull association has furnished production records of dams and daughters for three successive years. Each year the daughters have produced more milk and butter fat than their dams, which



A Good Holstein Bull.

demonstrates that the bulls were well selected. Of the 21 daughters of association bulls for which the 1918 records are available, 16 excelled their dams in butter-fat production, and 15 excelled their dams in production of both milk and butter fat,

The average yearly production of the dams was 5,560 pounds of milk and 219 pounds of butter fat. The average yearly production of the 21 daughters was 6,523 pounds of milk and 263 pounds of butter fat. In milk production the daughters excelled their dams by 963 pounds or 17 per cent, and in butter-fat production by 44 pounds, or 20 per cent. These are not as large gains as some other bull

associations have given, but are well worth while,

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Because of co-operative ownership the bulls cost the farmers no more than would have been paid for scrubs; it costs no more to feed the daughters than to feed the dams, and it costs much less to feed the bulls because there were not so many of them. The increased production, therefore, was all net profit.

GROWS GARDEN TO BUY CALF



Nearer to City Markets.

What are the things to be considered In locating the road? What "grade" should be maintained? How should the road be drained? What are the laws governing highway construction? There are a few questions answered in extension circular 68 dealing with country roads.

Matters of prime consideration in locating a road are: Easy grades, good drainage, exposure to sunshine, elimination of culverts and bridges by avoiding unnecessary creek crossings, directness and the number of farms to be served for a given length of road. Whenever possible to avoid it, a good location should not be rejected merely because a certain roadway has been in use for some time. If the location of

The grade of the road is important for on this depends the weight of the By grade is meant the rise or fall in feet for each 100 feet in horizontal length of road, usually expressed in percentage. A 5 per cent grade means that the road rises or falls 5 feet each 100 feet along its center line. It has been calculated that on a smooth country road the load that one horse could pull on a level would require two on a 5 per cent grade, three on a 10 per cent grade and four on a 15 per cent grade. Engineers usually figure a 6 per cent grade as a maximum. Road work in Missouri has not been as well managed as other public work. Projects have been too narrowly limited to localities, resulting in fragmentary effort. Skilled locating and supervision of construction have been generally lacking. The remedies are: First, a wider co-operation and the adoption of broad schemes of improvement, preferably with units no smaller than countles. Second, the absolute elimination of political considerations in the spending of money. Third, securing good engineering advice in the preparation of plans and requiring careful engineering supervision of construction.

Good roads promote self-respect in WAGE FIGHT AGAINST PESTS Job-Easy to Kill Weeds.

atil the arrival of the Germans. "Yeu have probably read in the pa-

Potatoes Without Vines Are Grown by Girl

Kutztown, Pa.-Lizzle, daughter of Jefferson Hoch, discovered in their potnto patch that a number of seed pointoes failed to produce any vines on top of the soil. She was surprised to find the seed potatoes in every hill had clustered around good-sized new potatoes, that the entire vitality of the seed potato was transferred to the new ones, and that there was no vine growth above the surface of the potato hills. The mother potnto was still in the bill, but had given up its substance to the young potatoes, which were already so well matured that they could be used for a meni.

the revolutionists and to protect us, nothing!

were frightful.

"We arrived at R---- on the second weeks overwhelmed at last my poor to death. Before shooting Doctor Lhusband.

ble.

"The high prices of living in Fin-

"There were three large pits; they tossed pell mell in one of them the living and the dead, and then these monsters jumped into the pit and trampled under foot the unfortunates until they were lifeless,

"Twelve persons were so crushed and disfigured that they could not be recognized. And all that is true!

"After the corpses had been exhumed the doctors and the officers of and bridges in England in 1919. Dethe state took photographs of each, af- mobilized army units will be used to ter having examined everyone of them. Russia Awaiting the Allies.

"At D-, at W-, etc., whenever the Reds were repulsed-note, I pray program of road work as they carried you, that I say 'everywhere'-the same tortures were inflicted to the unfortu- taken into consideration, England's nate ones. I shall not try to describe the herrors of other places, for it has been the same everywhere.

"At D-, hundreds have been thrown under the ice of the river, yet clement death compared with the

thers. Russia; bolshevism reigns everywhere. We had hoped to be delivered by the Germans, and they having falled we hoped for the allies; now, as an offi-cer who has escaped from Petrograd was telling, we do not hope any longer, we die!

"Russia is anxiously awaiting the conquer the terrorizing bolsheviki."

ENGLAND SPENDS 50 MILLION Grants to That Amount Will Be Distributed for Reconstruction of

it is not possible to keep garden crops Roads and Bridges. growing, the land should be cleaned, replowed and kept stirred from time to Grants amounting to \$50,000,000 will time until conditions are suitable for be distributed by the British road the planting of fall vegetables. Under board for the reconstruction of roads ordinary conditions it is best to have some crop growing on the soll, and if the period between the carly spring do the labor. Local highway authorivegetables and the fall vegetables is ties will be required to match this sufficient, a crop of cowpens should appropriation by at least as large a be grown upon the garden land. This will shade the soll and prevent the out in the year before the war. Area sun burning the organic matter out of it, and at the same time will actually program is thus far in excess of that add fertillty to the soil.

KEEPING HARNESS IN REPAIR

Tools and Facilities Are Comparatively Inexpensive and Simple-Special Devices Needed.

(Prepared by the United States Depart-ment of Agriculture.)

The tools and facilities required for keeping harness in repair are comparatively simple and inexpensive. A constderable portion of the repair work on harness can be performed by the aid of tools required for other purposes, but help of the allies, for she alone cannot increase in tonnage since that time there are a few special devices that are desirable.

Washington Boy Raises Prize-Winning Vegetables and Buys Jersey Heifer With Money.

(Prepared by the United States Depart-ment of Agriculture.)

Alfred Olson of Klickitat county. Wash., is a member of one of the calf clubs organized by the United States department of agriculture and the state college of Washington. With his purebred Jersey helfer calf, Arca's Babe, he won the state championship prize last year: In 1917 Alfred became interested in the calf club work, but a purebred calf costs money, and he did not have funds to buy that requisite for membership. To enroll in a garden club as the first step toward entering the calf club may seem unusual, but that was what the Klickitat county boy did, and he reached the desired goal. The weeds in his club garden kept him busy all summer, but he gave it such faithful care that his vegetables were prize winners. He exhibited a collection of them at the state fair and took \$60 worth of prizes.

Meanwhile he had been writing to Jersey breeders for prices and descriptions of calves. He decided on Jerseys because that was the breed his father had. With \$40 of his garden prize money he bought a month-old comes extremely hot in summer and Jersey helfer calf in October. He kept her in the barn all winter, but in the spring she was turned out on the range. When brought in In September to be made ready for exhibition purposes she was larger at eleven months than his father's grade calves of fifteen months. At the state fair Alfred's Jersey was awarded the state championship prize in the boys' and girls' club class and was valued at \$150.

SMALL-TOP MILK PAIL BEST

Prevents Entrance of Dust or Dirt and Greatly Reduces Number of Bacteria in Milk.

In modern dairies where clean milk is produced the small-top milk pail is a necessity, as it presents only a small opening into which dust and dirt may fall from the air or from the cow's body. It has been found by experience that the use of a pail of this kind greatly reduces the number of bacteria in milk from dairies where it is used. Many types of milk pails are for sale, but any tinner by the addition of a hood can convert an ordinary pail into a small-top pail.

SPORT ON SHIPPING BOARD VESSELS

The sailors on the merchant vessels operated by the shipping board have plenty of amusement in their times of leisure. The photograph shows a boxing bout at a shore station.

of the United States, including both federal aid and state funds. POOR ROADS ARE EXPENSIVE

"Thousands die from hunger in all Congressional Report Places Annual Loss at \$504,000,000 for Transportation Alone.

> The congressional report of 1914 placed the economic loss of the United States through poor roads at an annual figure of \$504,000,000 for transportation costs alone. The heavy probably makes the loss today close to \$1,000,000,000.



for a good garden, the necessary atten-

tion will have to be given to its neat-

In sections where the weather be-

ness and general appearance.