

IRRIGATING SEDIMENTS.

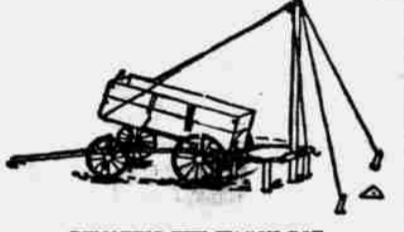
They Necessitate the Best Cultivation That is Possible. The streams of the southwest carry unusually large amounts of sediments, particularly in times of flood.

The "Blanketing" Effect. The results show in general a marked injurious effect from the accumulation of sediments in alfalfa fields, but like results from the use of water rich in sediments were not in general observed in the case of corn, barley and wheat.

Mine Tailings—Settling Basins. As compared with the natural sediments the mine tailings were of little or no fertilizing value and were fully as injurious from the standpoint of the physical properties of the soil.

A LIFTING DEVICE.

An Arrangement for Removing a Wagon Box to a Platform. There are various ways of removing a wagon box from the trucks, and in the following plan, described in Iowa Homestead one of these is brought out:



REMOVING THE WAGON BOX. The upright pole is 4 by 4 by 14 feet and is set several feet in the ground, so that it will be firm enough in its position to stand the strain which is required of it.

Experience With Manure Spreader. My experience with the manure spreader teaches me that the modern method of applying manure to land is far in advance of the old practice.

Hornless Cattle. The time will come when horned cattle will be bred only as curiosities or for show purposes, as fancy breeds of poultry are now.

Apple Growing. An authority states that the cause of many failures in apple growing may be found in the bare stems six or eight feet high to the lowest branches.

BEST DAIRY CROP.

Grass Should Figure Largely, but Not Wholly, Says Gilbert. All grass, or nearly so, is considered by many to be the correct crop for dairying.

Best Hay For the Cows. Cows should have the best hay, so that it is false economy to sell the hay because it may happen to fetch a high price and feed with second rate stuff.

Buying New Feeds. The buyer should be very cautious concerning new feeds and should ascertain their feeding value before purchasing.

Excitement or noise among the cows is costly. Cows are nervous animals, and they resent any noisy interference.

Do not forget the salt. Do not mix it with the grain ration either. The cows like it straight.

If you guess about your cows, you will guess about your profits—and guess wrong. Don't forget that the calf of today will be the money maker or the money loser tomorrow.

Dairy Wisdom In Brief

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The best way to bring cream to the proper temperature is by putting the cream can into a pail or tank of very warm water. Stir gently until the cream is of the proper temperature.

Did you know that if your finger nails get too long some cows will let you know it by squirming about when you are milking and maybe by upsetting things. Take time to trim your nails once in a while.

SILAGE FOR HORSES.

Many Breeders Using it as a Feed With Good Success. I know silage is a good feed for horses, for I have tried it. I have not, however, fed to any great extent because I did not have as much silage as I wanted for both cows and horses.

One winter we had a brood mare that was fed silage all winter, probably twenty pounds a day. She had some hay and straw to go with it and no grain except what was in the silage, and she came out fat and with a glossy coat in the spring and had a fine, healthy colt.

Care of Work Horses. Many persons after driving their teams in the slush and mud think if they dash a few pails of water over the horses' limbs upon returning they have left the poor brutes in the best possible condition until morning.

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THE VETERINARY.

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Treatment For Ringworm. A New York breeder has several cattle that have a skin disease. It affects them around the eyes and neck, causing a whitish thickening of the skin.

Cure For the Lambers. In reply to the question, "Will you please send remedy for my mule and horses?" they have what I call the lambers; their gums are swollen and they do not eat.

A Remedy For Boils. The veterinary of the American Agriculturist gives the following remedy for a horse that is troubled with boils.

Hair Disease In Horses. In reply to a breeder who writes, "We have a four-year-old horse which seems to have some hair disease which causes the long hairs in its tail to break off and fall out, the trouble being first noticeable about twelve months ago," the veterinary of Western Life says: Do not brush tail.

Scouring In Horses. Scouring in horses is sometimes due to indigestion, nervousness and a constitutional weakness. If from the former, it is easily obviated by care in feeding, etc.; if from the latter cause, it is very difficult to overcome.

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The remark was made by many a person yesterday, that more flowers had never been seen at a funeral in this city than were banded in the M. E. church, yesterday morning, at the service held for the late Arthur Belknap.

Next Sunday is the time for the third quarterly conference for the Corvallis church of the M. E. church, South, Rev. C. L. McCausland, P. E., will preach.

For Stomach Sufferers.

Mi-o-na is the one remedy for stomach troubles that publishes its formula; chemically pure bismuth subgallate, to allay any indigestion of the stomach and bowels; cerium oxalate, to strengthen the stomach nerves; sodium bicarbonate, to neutralize the poisonous acids that are present in stomach troubles; and nuxvomica, which restores vigor to the digestive organs and tones up the whole nervous system.

This combination of valuable remedies is found only in Mi-o-na stomach tablets, and it so rarely fails to strengthen the digestive system, and cure even the worst form of stomach trouble, that Graham & Wells sell the remedy under guarantee to refund the money unless it cures.

Women Who Wear Well.

It is astonishing how great a change a few years of married life often make in the appearance and disposition of many women. The freshness, the charm, the brilliance vanish like the bloom from a peach which is rudely handled.

As surely as the general health suffers when there is derangement of the heart, so surely when these organs are established in health the face and the entire system witness to the fact in renewed comeliness.

Lincoln In Prophetic Mood. "It was on the 5th day of July, 1863," General Daniel E. Sickles said recently, "that I was brought to Washington on a stretcher from the field of Gettysburg. Hearing of my arrival, President Lincoln came to my room and sat down by my bedside. He asked me about the great battle, and when I told him of the terrible slaughter the tears streamed from his eyes. I asked him if he had doubted the result. He said, 'No.' Then he continued: 'This may seem strange to you, but a few days ago, when the opposing armies were converging, I felt as never before my utter helplessness in the great crisis that was to come upon the country. I went into my own room and locked the door. Then I knelt down and prayed as I had never prayed before. I told God that I had called me to this position, that I had done all that I could do and that the result now was in his hands; that I felt my own weakness and lack of power and that I knew that if the country was to be saved it was because he so willed it. When I went down from my room, I felt that there could be no doubt of the issue. The burden seemed to have rolled off my shoulders, my intense anxiety was relieved, and in its place came a great sense of trustfulness, and that was why I did not doubt the result at Gettysburg. And, what is more, Sickles,' he continued, 'I believe that we may hear at any moment of a great success by Grant, who has been pegging away at Vicksburg for so many months. By tomorrow you will hear that he has won a victory as important to us in the west as Gettysburg is in the east.' 'Then, turning to me, he said, 'Sickles, I am in a prophetic mood today, and I know that you will get well.' 'The doctors do not give me that hope, Mr. President,' I said, but he answered, cheerfully, 'I know you will get well, Sickles.'"

AN ELOQUENT STORY.

No Need of Comment. It Speaks For Itself.

That the small farm will not only make a living for a family in the Willamette valley but that it can be made to make good money is plainly shown by the experience of H. Wunder whose farm consists of only 45 acres, and lives in the hill district beyond Monmouth, says the Independence Westside.

Just now he is selling spring chickens and has been doing so for some time. They net him 35 cents each, dressed. He takes orders for them one week and delivers them the following week. He started to raise them in the fall and has them on the market before spring fairly opens, thus obtaining the best prices.

The cash receipts of the farm last year were as follows: Fat hogs sold \$130 Stock hogs and sows sold 260 Cream from six cows 180 Calves 36 Eggs 90 Chickens 60 Grain 50 Hay 30 Prunes 100 Apples 35 Total cash receipts 971

Increase in stock 250 Living expenses 300 Total 1521

Considering the living expenses of the family at \$300 and the increase in stock at \$250, which are fair estimates, gives a gross return from the farm of over \$1500.

The farm consisted of 45 acres but Mr. Wunder had 15 acres rented last year which should be taken into consideration. About 37 acres put in grain, 15 acres put in hay, 5 acres are in prunes, and 1 acre in apples, cherries, etc. From 250 to 300 chickens are kept by the family.

These returns certainly indicate the possibilities of the small farm in the Willamette valley and doubtless there are many others that are making an equally good showing.

Real Estate Transfers.

M M and E W Arnold to H H and Nettie Glassford, tract size of one lot in Corvallis; \$1400.

R L and C H Sabin to Fred Duncan, 160 a near Summit; \$1.

Fred Duncan to L C Cox, 160 a near Summit; \$10.

Chas H Everett to W F Gay, lot 6 in block 4, Dixon's Add to Corvallis; \$1.

L L Taylor to Edgar A Blake 40 a near Wells; \$1000.

Charlotte Polly and bus to W P Taylor, 1/4 a in Alsea; \$1.

C C Johnson to C F Kempkin, 143 1/2 a of Philomath; \$4050.

Marshall C Miller to W A Wells, lots 11 and 12, block 27, Avery's 2nd Add Corvallis; \$5.

Dan McClain to Martha Hay, 10 a near Monroe; \$200.

A Kyle to E McKennan, lots 1 and 2, block 10, Wilkin's Add Corvallis; \$500.

The Coast Land and Livestock Co to O B Durrall, 3918 a in Benton, Polk and Lincoln Counties; \$1.

L J and Samuel King to S L Kline, lots 11 and 12, block 18; Corvallis; \$10.

Geo Jones to M B Rankin, 40 a in Alsea; \$900.

J D Whiteaker to M B Rankin 80 a in Alsea; \$1200.

royd, lots 5 and 6 block 19, Dixon's 2nd Add to Corvallis; \$525.

Ben Olson to Hiram Parker, 16 1/2 a near Blodgett; \$1800.

T C Spearman to Charles Bunnell, lots 7 and 8, block "E," Avery's Add to Corvallis; \$450.

Additional Local.

A. J. Metzger returned the first of the week from Portland. He has been ill for some time but is able to be at the store again.

M. V. Weatherford, Carl Clark and Royal Selleck returned yesterday from Pullman, Wash., where they met the W. S. C. in debate, Monday night.

A Michigan mother broke her arm the other day while spanking her son. In her case it must have been true that it hurt her more than it did the boy.—Ex

Mrs. Gertrude McElfresh has been visiting in Corvallis the past few days, having come up Wednesday with the Belknap family on their return with the remains of the late Arthur Belknap.

Bert Stevens, who has been employed as floor manager at the Corvallis skating rink ever since it opened, is to resign the position tomorrow and return to his home in Albany for a vacation. The last of June he goes to Jamestown and later enters college at Annapolis.

The high track meet between Pullman and OAO occurs on the local field, Monday afternoon. It will doubtless attract a good crowd. The boys have been practicing faithfully and there is no doubt that the contests will be worth seeing.

Preaching at the Presbyterian church, Sunday morning and evening by the pastor, Rev. J. R. N. Bell. Morning topic, "The Transfiguration—An Epiphany;" evening topic, "The Millionaire." All made welcome.

A week from Monday is the city election. Have you given the matter any serious thought? If not, it is up to you to do so. Elect men who are progressive, public spirited, upright and energetic, so that Corvallis may receive the benefit of their services in the administration of city affairs, which means your affairs.

Mr. Nevins of the Corvallis & Eastern states that several changes in agents have been made along the road. At Summit, O. E. Allen, formerly assistant agent at Corvallis, has been appointed agent, and Mr. Peterson, who has been agent at Philomath, has been assigned to the agent's position at Toledo. Mr. Shupp, formerly of this city, is now the new agent at Philomath.—Herald.

Patrons of the Corvallis skating rink are promised a treat tonight and tomorrow night, when Matthew and Putnam, the noted fancy skaters, are to give exhibitions. Instead of the usual sessions from 7:30 to 9:30, and from 9:30 to 11:30, on these two evenings there will be a long session, from 7:30 to 11:30. The exhibition begins at 9 o'clock. There will no doubt be a large attendance to see these exhibitions.

Washington State College (affirmative) won the debate here tonight with Oregon Agricultural College, securing a unanimous decision, says a Pullman dispatch in the Oregonian. The question was: "Resolved, That the United States abandon the principles of the Monroe doctrine as a part of the permanent foreign policy." The judges were Rev. W. H. Fry, of Moscow; Professor Solen, of the University of Idaho, and Rev. Dr. Hays, of Pullman. Winning orators were: J. L. Thayer, A. E. Price and J. W. Brislaw. The Oregon speakers were C. O. Clark, R. R. Selleck and M. V. Weatherford.

On May 17, Oregon's track season will begin, says the Register. On that date the strong track team of the Washington State college, at Pullman, will compete with Captain Moore's men. At the present time it does not look like Oregon will have an easy victory. The varsity has a strong team; Pullman's team is not weak and in some events it is stronger than the local varsity. It will be a close contest.

Persons having large tracts of land suitable for colonization purposes should address the Oregon Development League at Portland, giving full particulars. Large capital and active men are willing to colonize Oregon just as they have Canada, Texas and other states, but it is absolutely necessary that they should have iron clad options, good for from 12 to 24 months. Every effort made heretofore has failed for the lack of this option.

Rev. J. R. N. Bell and family were tendered a reception at the Presbyterian church, Wednesday evening, about one hundred guests being present. There was a program that included a duet by Mrs. F. L. Miller and Mrs. M. S. Woodcock; solo, Janet Blackledge; duet, Mrs. Harold Woodcock and Ethel Higdon; reading, Laura Pratt; solo, Lulu Spangler; solo, Gertrude McBe, and other features. Prof. Horner gave an interesting talk to which Rev. Bell responded in his usual happy manner. A social time was enjoyed and light refreshments were served. Rev. Bell and family have met with a hearty welcome from Corvallis people and the reception was planned to give others an opportunity to meet and know the family. The occasion was a very pleasant one.

J W Simpson to Erma Hol-