

Money In Beef Raising

A Wisconsin feeder, writing in Breeder's Gazette, says: "There were sixteen head in the lot of steers which I marketed recently in Chicago. They were on full feed four months. I never feed any cattle except what I raise myself, and I want pure bred Shorthorns of the best beef strains."

"The average age of these steers was two and one-half and the average weight 1,394 pounds."

"My method of raising and feeding is to let the calves run with the cows for four months and teach them (the calves) to eat grain before I wean them. I feed them pretty well during the winter and generally have them dehorned when one year old."

"I began feeding this lot of cattle broken corn in November, and when I put them on full feed I gave them snapped corn, which I prefer to husked, because the cattle can chew it



YOUNG SHORTHORN STEER.

better. I gave the corn in the morning and ground corn and cob meal at night, lightened with bran and oilmeal. I gave one-half pound of oilmeal each day and gradually increased it to two pounds per head."

"When I put these cattle on full feed they averaged 1,000 pounds, and when marketed they had gained 400 pounds. After full feeding the amount of grain supplied is to be governed largely by the capacity of the animal. Enough should be given to satisfy fully the wants of the animal and no more."

"If you can get steers so that they would be all of an age it would be well to buy them for feeding, for when you raise them you cannot have them of an even age."

"I have been raising and feeding cattle for twenty years and have always bought registered bulls and have made money. I have sold several loads of steers that were better than the one referred to, especially the two shipments preceding this one, which were sent to New York."

Sunstroke of Horses.

Preventive measures may be adopted as follows: Feed hay night and morning only; give drinking water before meals and in small sips often when at work; prefer clean, soft water to that rendered "hard" by the presence of lime salts, which tend to derange the stomach; remove harness at noon and allow sufficient time for rest and mastication of food; groom skin thoroughly once daily; feed sound food; avoid corn in summer, as it is heating; prefer sound old oats, which repair waste of tissue and promote vim and endurance; avoid sudden changes of food and do not feed heated green grass or clover; cleanse stable daily, ventilate perfectly, screen doors and windows, remove manure piles from vicinity of stable; feed fresh food each meal. Shade horse's head when at work; avoid heavy, wet sponge; if possible do not work three horses abreast, as the middle horse suffers thereby and is the most liable to sunstroke; where such combination cannot be avoided change horses often to afford as much relief as possible. Choose coolest hours for work and change teams often during sultry, moist weather when thunderstorms are prevalent.—A. S. Alexander, Veterinarian, Wisconsin Agricultural Experiment Station.

A Word For the Razorback.

The trouble with the razorback stock is not that they are not healthy—they never have any disease—but that being of the "lean kind" order they never get fat, writes a correspondent of Farm Progress. A hundred pound pig will eat twenty bushels of corn and probably not weigh over 150 at eight-months old.

But if one will take one of these long, lank sows and breed her to a pure bred boar of any good breed he will get about fifteen pigs at a litter, thirty in a year, that will have the health and vigor of the dam and much of the growing and fattening qualities of the sire. I know about this; I have tried it. I have never had a razorback sow to lose a pig yet, and I have made some half bloods weigh 300 pounds.

Head of the Horse.

In a horse a broad and full forehead and length from eye to ear are good indications of intelligence, says Live Stock Journal. A straight facial line is quite often found with a high degree of intelligence, but a dash faced horse is rarely anything but a nonentity.

Selection of Sows.

It is a good plan to start the young sow to breeding the season before it is desired to dispose of old or undesirable animals. Sows having superior qualifications as breeders or sucklers should not be disposed of until there is a noticeable decline.

Salt the Live Stock.

Do not sting with the salt. It costs less than a cent a pound and should therefore be placed where at all times it is convenient for the stock to get it.

A MILK ROOM.

Facilities For Holding the Milk on Western Farms.

Generally speaking, there is almost an entire lack of facilities for holding cream on the western farm. The majority of farms have wind pumps at or near the house. The pump furnishes an excellent location for an ideal milk house. On many farms visited the owner had built around the windmill tower, or at one side of it, a building, usually 6 by 8 feet, in which was placed a tank deep enough to set the milk cans and have water come up to their necks. All of the water pumped for stock and other purposes of the farm is run through this tank and then out into the stock tank. This room often contains the separator and a worktable. In fact, here is done the dairy work of the farm.

With an arrangement of this kind the cream should be kept without difficulty from forty-eight to seventy-two hours in the hottest weather. Such a building costs but little, and the convenience of having a place for the milk, cream and dairy utensils is in itself enough to justify the expense of building it. As a matter of fact, the farmer who is going to get the best price for his cream will have to provide himself with a place in which to keep it cool until it can be delivered to the station. Keep it as cool as possible without freezing up to the time it is delivered.

Keep the milk room for milk and nothing else, and above all have plenty of windows to admit sunshine when wanted and use plenty of "elbow grease" in keeping it sweet and clean.—Bureau of Animal Industry.

POTATO EXPERIENCE.

The Most Useful Fertilizer Combination and How to Apply It.

By EDWARD E. VOORHEES, New Jersey Experiment Station.

In the growing of early potatoes it is essential that an abundant supply of nitrogen be at the disposal of the plant. The experience of growers has clearly demonstrated this fact, and until commercial fertilizers came into general use most growers used large quantities of yard manure in order that the plant should suffer no lack of this element. With the introduction of commercial fertilizers the question of greatest importance has been the source of nitrogen best suited to meet the demands of the special early growth. The experiments which have been conducted with a view to answering this question have shown clearly that, while nitrate is most useful, a combination of the nitrate with quickly available organic forms, as dried blood, or with both organic and ammonia forms is preferable to the use of any single form.

On good potato soils, therefore, a good fertilization should consist of from 800 to 1,000 pounds of a fertilizer containing nitrogen 4 per cent, available phosphoric acid 8 per cent and potash 10 per cent, one-third of the nitrogen at least to be derived from nitrate of soda and the remainder from quickly available organic forms. On soils in good condition the fertilizer may be applied in the row at the time of planting, though many prefer to apply one-half of the desired amount broadcast previously and the remainder in the row with the seed.

Brome Grass.

Brome grass is a valuable variety and has been tested over a wide area in the United States, but it finds its best development in the region from Kansas northward in the great plains and west into Montana and eastern Washington. It gives fair results east of this region, but in the eastern states it is unable to compete with timothy and blue grass. In the southern states it has not given satisfactory results.

It is stated by A. S. Hitchcock, agronomist, that if the soil is in proper condition brome grass may be sown in Nebraska any time from April to the 1st of October.

Full Seeding of Grass.

In some parts of New England fields are frequently seeded to grass in the fall. This is done without any crop and in some cases is found to be more successful than spring seeding along with a crop of grain. This work should be done in August or early in September on ground well prepared—that is, made of fine tilth, smooth and well fertilized. Where this system works well there should be good success with the crops of hay to follow, as they will have the entire benefit of the fertilizers applied, remarks American Cultivator.

One Thing and Another.

"It has been found by actual test that the state of Illinois in its upper half is eminently fitted for beet growing. With its fuel supply, transportation facilities and market advantages, it goes without saying that it is fitted for manufacturing," says Sugar Beet Expert Saylor.

Spraying with bordeaux mixture decreases the amount of blight in sugar beet fields.

The ripening that takes place between the picking of the apple and its cold storage makes it more susceptible to scald, and delay in storing the fruit in hot weather is particularly injurious.

Cream should be separated at once after milking, while the milk still has animal heat in it.

Copperas water not too strong is said to be the best thing to heal barbed wire cuts.

Webworms have been very destructive in Iowa plum trees this season.

Water applied with great force will rid maple trees of the "cottony scale," according to very good authority.

A Most Remarkable Cure of Heart Disease.

Perhaps one of the most wonderful results on record is the wonderful cure of Mrs. S. E. Clark by electricity and medicines administered by Dr. Darrin. Mrs. Clark was carried to Dr. Darrin's office in an almost dying condition, afflicted with a complication of diseases. Here are her own words:

Ukiah, Ore.—To the Editor:—My health began to fall over a year ago. I gradually fell away until I became very weak. I was suffering from lung, heart and stomach troubles. On the 24th of December, 1897, I went to Pendleton and put myself under Dr. Darrin's treatment by electricity and medicines, and began to improve from the first treatment and continued to improve. At the present time I have good health. My neighbors say they never expected to see me return home from Pendleton, and were greatly surprised at my recovery.

Mrs. S. E. CLARK.

SIX YEARS LATER.

Ukiah, Ore.—Dr. Darrin:—I am enjoying good health and have gained 20 pounds in the last six years. I am entirely cured, and am very grateful indeed to have good health, after years of suffering with heart, stomach and lung troubles; also diseases peculiar to women. I cannot praise you too highly. Refer to me.

Mrs. S. E. CLARK.

AN ASHLAND PATIENT'S CARD.

Some time ago I contracted a severe cold on the lungs, which being neglected became chronic. After vain attempts for relief I concluded it was death or Arizona. On learning of Dr. Darrin I consulted him. It is now a month since I placed myself under his care and I can truthfully say all morbid feeling has left my lungs and I feel I am on the road to a permanent cure. I am now able to work every day at hard labor. Furthermore, I will say in addition to his electrical and medical skill Dr. Darrin is a man with a human heart and is unusually reasonable in his charges. I knew Mr. C. Carey, of Sam's Valley, Oregon, before and after his cure of almost total deafness. Refer to me at Ashland, Oregon.

EARL CLINE.

A DALLAS LADY'S EXPERIENCE.

To the public:—My daughter, ten years old has been sorely afflicted the past eight years with deafness and discharging ears. Through Dr. Darrin's electrical and medical treatment I am happy to say she can hear about as well as anyone and the discharge of the ears has stopped. I can recommend Dr. Darrin at Hotel Gail. I will answer all questions by letter or in person at my residence on Court street, Dallas, where I have lived fourteen years.

Mrs. NELLIE B. BAIRD.

DE DARRIN'S OFFICE.

In most cases only one visit is required. Owing to the crowds rushing to see the doctor he will receive patients from 10 a. m. to 8 p. m. Dr. Darrin remains at the Hotel Smeede, Eugene, until October 1.

Dr. Darrin's terms for treatment are \$5 a week, or in that proportion of time as the case may require. The poor treated free except medicines from 10 to 11 daily.

CURED OF LAME BACK AFTER 15 YEARS OF SUFFERING.

"I have been troubled with lame back for fifteen years and I found a complete recovery in the use of Chamberlain's Pain Balm," says John G. Bisher, Gilliam, Ind. This liniment is also without an equal for sprains and bruises. It is for sale by The Modern Pharmacy.

Lewis and Clark Exposition Ticket Rates.

Cottage Grove to Portland & Ret \$4.85, good for 30 days, but not later than Oct. 31st, 1905.

PARTIES OF TEN OR MORE.

One fare for the round trip good for ten days, (must travel together on one ticket both ways) \$4.40

ORGANIZED PARTIES OF ONE HUNDRED OR MORE.

One fare for the round trip party moving on same day, but individual tickets will be sold under this rate and can return at any time within ten days from date of sale, \$4.40.

The above tickets on sale daily between May 29th and Oct. 15th, and no stop overs allowed in either direction.

ATTACKED BY A MOB.

and beaten, in a labor riot, until covered with sores, a Chicago street car conductor applied Bucklen's Arnica Salve, and was soon sound and well. "I use it in my family," writes J. G. Welch, of Tekonsha, Mich., "and find it perfect." Simply great for cuts and burns. Only 25c at Benson's Pharmacy.

M. E. Gillespie was in Eugene the middle of the week.

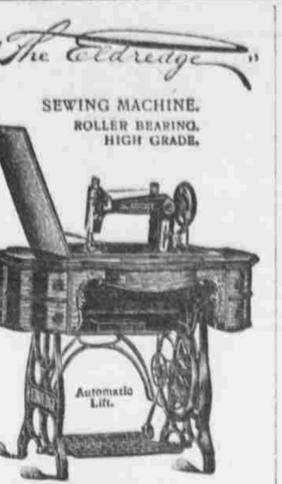
GOT OFF CHEAP.

He may well think he has got off cheap, who, after having contracted constipation or indigestion, is still able to perfectly restore his health. Nothing will do this but Dr. King's New Life Pills. A quick, pleasant, and certain cure for headache, constipation, etc. 25c at Benson's Pharmacy; guaranteed.

The finishing coat of finely crushed rock is being laid on 4th street.

CAUSE OF INSOMNIA.

Indigestion nearly always disturbs the sleep more or less and is often the cause of insomnia. Many cases have been permanently cured by Chamberlain's Stomach and Liver Tablets. For sale by The Modern Pharmacy.



SEWING MACHINE.
ROLLER BEARING.
HIGH GRADE.

Automatic Lift.

Save Money by buying this reliable, honest, high grade sewing machine.

STRONGEST GUARANTEE.

National Sewing Machine Co.,
SAN FRANCISCO, CAL.
FACTORY AT BELVIDERE, ILL.

If pending patent proceedings the owner of an unpatented mining claim fails to perform the necessary assessment work, the claim becomes subject to relocation.

LIKE FINDING MONEY.

Finding health is like finding money—so think those who are sick. When you have a cough, cold or sore throat or chest irritation, better and promptly like W. C. Barber, of Sandy Level, Va. He says: "I had a terrible chest trouble, caused by smoke and coal dust on my lungs; but, after finding no relief in other remedies, I was cured by Dr. King's New Discovery for Consumption, Coughs and Colds." Greatest sale of any cough or lung medicine in the world. At Benson's Pharmacy, 50c and \$1.00; guaranteed. Trial bottle free.

Round Trip for One Fare.

The Southern Pacific railroad has decided to make a rate of one fare for the round trip from Portland to all points in Oregon to as far south as Ashland, for visitors from the East to the Lewis and Clark Exposition, to enable them to look over western Oregon, that they may have an opportunity to locate or invest.

The tickets will be good for 15 days, with stop over privileges. Holders of Exposition round trip tickets from the east can purchase these tickets at this rate, it will depend upon the energy shown by the community as to the number of visitors secured.

ARE YOU ENGAGED?

Engaged people should remember that after marriage many quarrels can be avoided by keeping their digestions in good condition with Electric Bitters. S. A. Brown, of Bennettsville, S. C., says: "For years, my wife suffered intensely from dyspepsia, complicated with a torpid liver, until she lost her strength and vigor, and became a mere wreck of her self. Then she tried Electric Bitters, which helped her at once, and finally made her entirely well. She is now strong and well. Benson's Pharmacy sells and guarantees them at 50c a bottle."

ABSCESS.

Abscesses, with few exceptions, are indicative of constipation or debility.

W. H. Harrison, Cleveland, Miss., writes, Aug. 15, 1902: "I want to say a word of praise for Ballard's Snow Liniment. I stepped on a nail, which caused the cords in my leg to contract and an abscess to rise in my knee and the doctor told me that I would have a stiff leg, some day I went to J. E. Loeck's drug store who is now in Denver, Colo. He recommended a bottle of Snow Liniment; I got a 50c size, and it cured my leg. It is the best liniment in the world. Sold by The Modern Pharmacy."

BEAUTIFUL WOMEN.

Pimp cheeks, flushed with the soft glow of health and a pure complexion, make all women beautiful. Taken a small dose of Herbine after each meal, it will prevent constipation and help digest what you have eaten. Mrs. Wm. M. Stroud, Midlothian, Tex., writes, May 31, 1901: "We have used Herbine in our family for eight years, and found it the best medicine we ever used for constipation, bilious liver and malaria. Sold by The Modern Pharmacy."

KILL THE COUGH AND CURE THE LUNGS.

WITH Dr. King's New Discovery FOR CONSUMPTION COUGHS and COLDS. Price 50c & \$1.00 Free Trial.

Surest and Quickest Cure for all THROAT and LUNG TROUBLES, or MONEY BACK.

BALLARD'S SNOW LINIMENT

A Sure Cure

for Rheumatism, Gout, Sprains, Wounds, Old Sores, Corns, Bunions, Galls, Bruises, Contracted Muscles, Lame Back, Stiff Joints, Frosted Feet, Burns, Scalds, etc.

AN ANTISEPTIC that stops Irritation, subdues Inflammation, and drives out Pain.

PENETRATES the Pores, loosens the Fibrous Tissues, promotes free circulation of the Blood, giving the Muscles natural flexibility.

BEST LINIMENT ON EARTH ONCE TRIED ALWAYS USED

CL SCIATIC RHEUMATISM

Dr. A. Simpson, 500 Craig St., Knoxville, Tenn., writes: "I have been trying the baths of Hot Springs, Ark., for sciatic rheumatism, but I get more relief from Ballard's Snow Liniment than any medicine or anything I have ever tried. Inclosed find postoffice order for \$1.00. Send me large bottle by Southern Express."

THREE SIZES: 25c, 50c AND \$1.00 BE SURE YOU GET THE GENUINE

Ballard Snow Liniment Co.

ST. LOUIS, U. S. A.

SOLD AND RECOMMENDED BY The Modern Pharmacy.

THE COTTAGE GROVE Cigar Factory

THOS. CONGER PROPRIETOR

I am putting up a high grade to cost cigar

The C. G. Brand

C. G. Brand, \$50.00 per 1000 lot 100 free with each 1000 lot 50 free with each 500 lot

Bohemia, a 5c Cigar

Bohemia Brand, \$35 per 1000 lot 100 free with each 1000 lot 50 free with each 500 lot

Made from the very best imported and domestic tobaccos. They are for sale at all cigar stands in the city.

PATRONIZE HOME INDUSTRY

When you want a pleasant laxative that is easy to take and certain to act, use Chamberlain's Stomach and Liver Tablets. For sale by The Modern Pharmacy.

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—PROPRIETORS OF—

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We give expedited service on freight. Route your shipments via Great Northern. Full information from Wm. Harber, Genl. Agent. Portland, Oregon.

ARRIVAL AND DEPARTURE OF S. P. TRAINS.

NORTH BOUND		SOUTH BOUND	
No. 12	11:53 p.m.	No. 11	7:30 a.m.
No. 16	2:02 a.m.	No. 15	7:21 a.m.

A little forethought may save you no end of trouble. Anyone who makes it a rule to keep Chamberlain's Colic, Cholera and Diarrhoea remedy at hand knows this to be a fact. For sale by The Modern Pharmacy.

O. & S. E. R. R. CO.

Time Table No. 11 To take effect April 24, 1905.

East Bound	3 and 1 Tuesday	W. Bound	and 9at only
Land Daily Ex.		Land Daily Ex.	
No. 3—No. 1	stations	Time	No. 2—No. 4
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12:00	12:00	12:00	12:00

Subject to change without notice.

All outward freight forwarded only at the joint risk of shipper and consignee. Stage leaves Willwood after the arrival of train on Mondays, Wednesdays and Fridays for Bonita and Orasco. Returning on Tuesdays, Thursdays and Saturdays.

Freight will not be received at the O. & S. R. R. Depot after 5:30 p. m. To insure forwarding on next train, freight must be delivered in ample time to permit of being billed.

A. B. WOOD, Manager