

WESTERN TRUCK ATTACHMENT



Over 1000 Satisfied Owners in Washington and Oregon. The most vital point of a truck attachment is the bearings. The Western is the only truck attachment made with a Two-inch Timken Bearing. Other specifications in portion. Why Buy an Inferior make? A. J. LORMOR, Factory Distributor. 533 15 Alder Street, Portland, Oregon.

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Send us \$2 and receive by return mail \$3 worth at retail price of Wash and Hand Soaps, together with Auto and Furniture polishes and for a premium, the Formulae to make at home at very low cost. Write today.

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MOTOR CAR REPAIRING
MACHINE WORK
MAGNETO SERVICE STATION
ALL KINDS OF
WELDING
CYLINDER GRINDING
PROMPT ATTENTION
TO ALL ORDERS
Broadway at Flanders, Portland, Or.

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Guarantee quick returns; charge no commission. Make trial shipment and get the most for your FURS.
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PRICES PAID BY US FOR RAW FURS ARE EXTREMELY HIGH
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E. R. SKINNER & CO.
1121 FRONT STREET SACRAMENTO, CAL.

DON'T LET WORMS EAT YOUR PROFITS
An animal with worms cannot thrive. Keep your livestock free from worms by giving them Dr. David Roberts' **WORM POWDER**. Price 50c. Hogs will fatten quicker, horses will look sleeker, poultry will be healthier. Read the Fractal Home Veterinarian. Send for free booklet on Absorption in Cows, or dealer in your town, write Dr. David Roberts' Vet. Co., 100 Grand Ave., Waukesha, Wis.

CHOCOCO Irrigation Project land; owner offers 160 acres, part irrigated, for \$2500, easy terms, 6%. Write Sam Ellis, Prineville, Oregon.

Rural Finance. Road Commissioner—But who is to pay for such a fine road as you propose?

Citizen—The motorists. It will tempt them to break the speed laws and their fines will pay for the road.

At The Show. "Here we are all ready to begin the performance, but where is the Human Fly?" "He can't come, sir. His wife's been swatting him."—Baltimore American.

BIG, STRONG CHICKS
Is the result of using Petaluma Incubators and Brooders. That's the kind you want. Write for our big Free Catalog No. 90.
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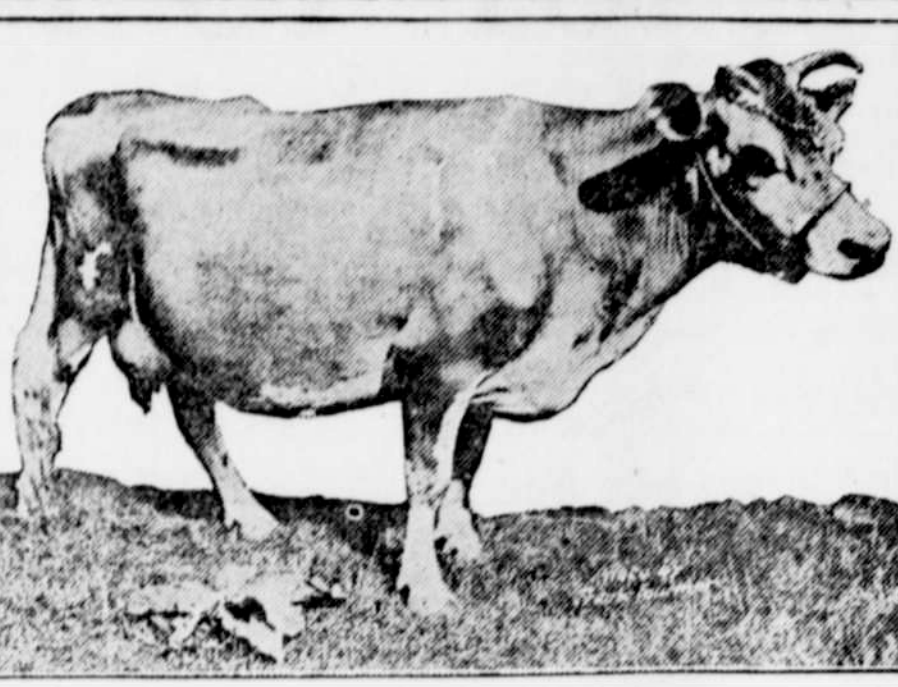
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We want all you have. Write for Prices and Shipping Tags.
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5-47 Front Street Portland, Oregon

P. N. U. No. 9, 1918.

SILAGE IS SUPERIOR WINTER COW FEED



SPLENDID TYPE OF JERSEY COW FOR DAIRY.

(Prepared by the United States Department of Agriculture.)

Silage is a splendid winter feed particularly adapted for dairy cows. In many sections silage has come to be the dairy farm's main reliance for cows, for it is the best and cheapest substitute for fresh grass. While the real food and nutritive value of silage is not great, about three-fourths of its total weight being water, it is succulent and palatable. It contains a large amount of carbohydrates in proportion to the protein and will give best results when fed with some other feed richer in dry matter and in protein. As a feed containing a large amount of water in the form of natural plant juices, it is easily digested and serves the useful purpose of keeping the whole system of the animal in good condition. A silage-fed animal is rarely troubled with digestive disturbances, the coat is noticeably sleek and soft, and the skin is pliable. No rough feed is more palatable than good corn silage, which is of great importance in feeding dairy cattle as it induces a large consumption and stimulates the secretion of digestive juices.

Feeding Leguminous Hay. Leguminous hay such as clover, cow peas or alfalfa should be fed in combination with silage. These will tend to correct the deficiencies of the silage in dry matter, protein and mineral constituents. A ration of silage and, say, alfalfa hay alone is satisfactory, however, only for cows which are dry or giving only a small amount of milk and for heifers and bulls. Cows in full milk require some concentrated feed in addition to hay and silage, as they cannot consume enough of these feeds to keep up a large flow of milk and maintain body weight.

Amount to Feed. The amount of silage to feed a cow will depend upon the capacity of the animal to consume feed. She should be fed as much as she will clean up without waste when consuming it with her hay and grain. Raise or lower the amount until the proper quantity is ascertained. Generally speaking, a good cow should be fed just short of the limit of her appetite. If she refuses any of her feed it should be reduced at once. The small breeds will eat 25 or 30 pounds per day; the large breeds 40 or more; and the medium-sized ones amounts varying between.

Rations. Ironclad directions for feeding cows cannot be given. In general, however, they should be supplied with all the roughage they will clean up with grain in proportion to butterfat produced. The hay will ordinarily range between 5 and 12 pounds per cow per day when fed in connection with silage. For Holsteins 1 pound of concentrates for each 4 pounds of milk produced will prove about right. For Jerseys 1 pound for each 3 pounds of milk or less will come nearer meeting the requirements. The grain for other breeds will vary between these two according to the quality of milk produced. A good rule is to feed seven times as much grain as there is butterfat produced.

Feeding Frozen Silage. Frozen silage must be thawed before feeding. If it is then given immediately to the cows before decomposition sets in no harm will result from feeding this kind of silage; neither is the nutritive value known to be changed in any way.

Care of Horse's Feet. Keep your horse's feet soft, and have him shod often. More feet are ruined in the stable than on the road.

AVOID POORLY KEPT SILAGE
Sheep Are Peculiarly Susceptible to Moldy Feed—Oats and Bran Are Excellent.
Sheep are peculiarly susceptible to injury from moldy feed. Poorly kept silage is therefore to be avoided. A ration of oats and bran makes an excellent feed for ewes with lambs at their side. The flock should have access to water and salt at all times.

INDICATES GOOD LAYING HEN
Large Bright Red Comb is Characteristic of Best Producers—Notice the Black Minerca.
One of the characteristics of a good laying hen is a large comb. The old-timers used to say, "the bigger the

In Perfect Accord.
Buttonholed by an overinquisitive journalist, a British cabinet minister administered a neat rebuke.
"How long do you think the war will last?" was the final question of a long series, asked the interviewer.
Very promptly the minister asked: "How long is a piece of string?"
The interviewer stared at him in astonishment.
"I—I don't know," he gasped.
"Neither do I," said the minister, cordially. "I'm glad we've agreed about something. Good morning."—Exchange.

For Pimply Faces.
To remove pimples and blackheads smear them with Cuticura Ointment. Wash off in five minutes with Cuticura Soap and hot water. For free samples, address "Cuticura, Dept. X, Boston." At druggists and by mail. Soap 25, Ointment 25 and 50.—Adv.

Proof of Perfection.
"They say Smythe has a wonderful knowledge of women."
"He must have. He can match a sample to satisfy his wife."—Exchange

Garfield Tea, by purifying the blood, eradicates rheumatism, dyspepsia and many chronic ailments.—Adv.

A Grippe Epidemic

Every winter Health Boards warn against this weakening disease which often strikes those who are least prepared to resist it. You should strengthen yourself against grippe by taking



which is the cream of cod liver oil, refined, purified and so skillfully prepared that it enriches the blood streams, creates reserve strength and fortifies the lungs and throat. Don't delay—It may mean much. Use **SCOTT'S** Refuse Substitutes
Scott & Bowne, Bloomfield, N. J. 17-18

Raw Furs Wanted
WE WANT AT ONCE SKUNK MOLE, COYOTE AND OTHER FURS
You get the highest prices and quick returns when you ship to this old established and reliable Fur House. It's your nearest market.
H. LIEBES & CO.
Raw Fur Dealers. Fur Manufacturers
149 Broadway, Dept. O PORTLAND, ORE.

The Cow's Health—First of All
To think of the milk yield first and the cow's health afterward is putting the cart before the horse. Many "poor milkers" only need to have their systems working properly to become good producers.
KOW-KURE, the great cow medicine, makes cows healthy and keeps them healthy. Working on the digestive and genital organs, it is a prompt, sure remedy for Abortion, Barrenness, Retained Afterbirth, Scouring, Lost Appetite and Bunches. Try KOW-KURE; druggists and feed dealers sell it—50c and \$1.10 packages.
Write for "The Home Cow Doctor," free.
DAIRY ASSOCIATION CO.,
Lyndonville, Vt.

Write for Catalog and full information
PORTLAND SEED COMPANY
PORTLAND, ORE.

So There.
First Little Girl—Your papa and mamma are not real parents. They adopted you.
Second Little Girl—Well, that makes it all the more satisfactory. My parents picked me out and yours had to take you just as you came.—Exchange.

Whenever there is a tendency to constipation, sick-headache, or biliousness, take a cup of Garfield Tea. All druggists.—Adv.

The Suitable One.
"I see where they are making the convicts in some prison out west knit sweaters and socks for the soldiers."
"I suppose, then, this prison work is done with the chain stitch."—Baltimore American.

SALTS IF KIDNEYS OR BLADDER BOTHER

Harmless to flush Kidneys and neutralize irritating acids.

Kidney and Bladder weakness result from uric acid, says a noted authority. The kidneys filter this acid from the blood and pass it on to the bladder, where it often remains to irritate and inflame, causing a burning, scalding sensation, or setting up an irritation at the neck of the bladder, obliging you to seek relief two or three times during the night. The sufferer is in constant dread, the water passes sometimes with a scalding sensation and is very profuse; again, there is difficulty in voiding it.
Bladder weakness, most folks call it, because they can't control urination. While it is extremely annoying and sometimes very painful, this is really one of the most simple ailments to overcome. Get about four ounces of Jad Salts from your pharmacist and take a tablespoonful in a glass of water before breakfast, continue this for two or three days. This will neutralize the acids in the urine so it no longer is a source of irritation to the bladder and urinary organs which then act normally again.
Jad Salts is inexpensive, harmless, and is made from the acid of grapes and lemon juice, combined with lithia, and is used by thousands of folks who are subject to urinary disorders caused by uric acid irritation. Jad Salts is splendid for kidneys and causes no bad effects whatever.

Here you have a pleasant, effervescent lithia-water drink, which quickly relieves bladder trouble.—Adv.

MURINE Granulated Eyelids, Sore Eyes, Eyes Inflamed by Sun, Dust and Wind quickly relieved by Murine. Try it in your Eyes and in Baby's Eyes. No Smarting, Just Eye Comfort
Murine Eye Remedy At Your Druggist's or by mail, 50c per bottle. Murine Eye Salve, in Tubes 25c. For Books of the Eye—Free. Ask Murine Eye Remedy Co., Chicago

Classifying the Idiots.
In a Georgia court the judge observed to the defendant: "You seem to have committed a grave assault on plaintiff just because he differed from you in an argument." "There was no help for it, your honor," said the offender. "The man was a perfect idiot."
"Well, you must pay a fine of \$10 and the costs, and in future you should try to understand that human idiots are human beings, the same as you and I."—Case and Comment.

As we grow more sensible, we refuse drug cathartics and take instead Nature's herb cure, Garfield Tea.—Adv.

Appreciated.
Dinner Guest—I've brought my own sugar.
Hostess—How sweet of you!—Boston Transcript.

Soldiers Soothe Skin Troubles with Cuticura
Soap 25c. Ointment 25c & 50c

SELDOM SEE
a big knee like this, but your horse may have a bunch or bruise on his ankle, hock, stifle, knee or throat.
ABSORBINE
TRADE MARK REG. U.S. PAT. OFF.
will clean it off without laying up the horse. No blister, no hair gone. Concentrated—only a few drops required at an application. \$2.50 per bottle delivered. Describe your case for special instructions and Book \$4 free. **ABSORBINE, JR.**, the antiseptic liniment for marking, reduces Painful Swellings, Enlarged Glands, Wens, Bruises, Varicose Veins; allays Pain and Inflammation. \$1.25 and \$2.50 a bottle at druggists or delivered. Made in the U. S. A. by **W. F. YOUNG, P.O.F.,** 403 Temple St., Springfield, Mass.

PERSISTENT COUGHS
are dangerous. Relief is prompt from PISO'S Remedy for Coughs and Colds. Effective and safe for young and old. No opiates in
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