



IMPERIAL SERVICE

If you are in doubt about the proper lubricant, ask the Imperial Oil man. He will give you courteous attention and sound advice on your lubrication problems. That is part of Imperial Service.

CALL AT HEADQUARTERS

WHEN you add a new machine to your farm equipment—a tractor, a stationary engine, a drill, a thresher—no matter what the machine, you need dependable lubrication advice. You want to be sure the oils you use will maintain your machine in constant service and give it long life. Look to us for the answer to your problem. We know the oil you need for each particular purpose. We know the lubrication requirements of every farm machine. Our chief interest is to do away with lubrication troubles, to make sure that you are using the correct lubricants.

All our oils are supplied in steel barrels and half-barrels—convenient, economical. No waste. You use every drop you pay for and you know every drop is uniform and clean.

A Correct Lubricant for every Farm Machine



For Gasoline Engines, Tractor, Auto or Stationary
POLARINE OIL
STANDARD GAS ENGINE OIL

For Kerosene Engines, Tractor or Stationary
POLARINE OIL
HEAVY
IMPERIAL KEROSENE TRACTOR OIL
(Recommended by International Harvester Co.)



For Open Bearings of Farm Machinery
PRAIRIE HARVESTER OIL

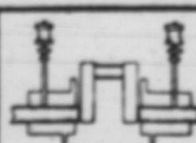
—very heavy body, resists cold, won't thin out with moisture

ELDORADO CASTOR OIL
—a thick oil for worn and loose bearings



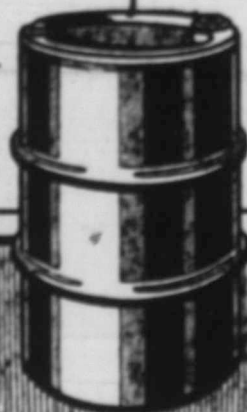
For Steam Cylinder Lubrication, whether Tractor or Stationary Type
CAPITOL CYLINDER OIL

—the standard product for steam cylinder lubrication



THRESHER HARD OIL

For Grease Cap Lubrication of Bearings
—a clean solidified oil high melting point



IMPERIAL OIL
LIMITED
BRANCHES THROUGHOUT CANADA

MUST BE SOLD

THRESHING OUTFIT in good condition, consisting of 25-H.P. Waterloo Steam Engine and Advance Separator, equipped with high blower and all modern attachments. Can be seen on the farm of T. J. Crothers, N.E. 1 10-11-21. W.1. **BARGAIN PRICE** and **EASY TERMS** to any responsible purchaser. Will consider offers for complete outfit or for engine or separator alone. Apply to:—

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The Story of the World's Record Cow

Continued from Page 14

One daughter by "Beauty Walker Pieterje Prince."
One daughter by "Rag Apple Kandyke 8th."

One son by "Rag Apple Kandyke 8th."

"Segis Payne Johanna," 50.68, dam of the above.

What are these five animals worth? I don't know, but I have been asked by a prominent breeder whether I would accept \$100,000 for her son by "Rag Apple," and I answered in the negative, because I consider that he will earn that sum in a single year, in service.

"Segis Payne Johanna" is under nine years old, and is safe with calf to "Rag Apple." She comes from a long-lived family, her dam now past 15 years is in calf to "Rag Apple," and is looking and milking like a seven-year-old. I confidently expect "Segis Payne Johanna" is good for four or five more calves and she is worth to me at a low estimate, \$100,000. In other words, I consider that she and her three daughters and one son are conservatively worth a quarter of a million dollars of anybody's money right today, and that they will pay big returns on that valuation. Just think of a single cow earning a big fortune in four years' time.—Oliver Cabana, Jr.

Grass, Water, Shade

One of the secrets of success, with livestock is to provide conditions, under which they live, as congenial as possible. A contented animal will perform the work expected of them whether that work be building bone and muscle, putting on flesh, producing milk or work in the fields, a great deal more economically and satisfactorily than if forced to exist under trying conditions. Of course a liberal supply of feed is essential at all times, but the importance of shade and water for the stock while on pasture is quite frequently overlooked. A fresh supply of water available at all times, if possible, is a great factor in the welfare of all animals. In some sections, it is true, water is difficult to obtain; the importance of it is so great that in these districts it is not advisable to maintain a large number of animals. A running stream on a farm is a great asset to any one attempting to keep livestock, when such exists the problem of supplying water is solved. In other cases, a few wells that can be depended upon to give a good supply, when fitted with some power to do the pumping, will serve very well. It is not reasonable to expect that when water has to be elevated, by hand, from a one-hundred-and-fifty foot well that the trough is always going to contain a generous supply of cool water.

The question of supplying shade for stock during the long summer days is second only to feed and water. Where animals are forced to remain in glaring sun from morning till night and in addition to this be tormented by flies, best results cannot be expected. A few trees in a pasture is worth many dollars as reflected in the thrift of the stock. If no natural shade is available it is money well spent to provide this in the form of a cheap shed. One authority on the management of livestock goes so far as to state that plenty of water with good shade along with poor pasture is preferred to plenty of grass with a meagre supply of shade and water.

Due to be Yanked Up, Though

"In addition to all the evil things that have been said of the Kaiser," the Pacific Dairy Review declares: "He ranks as the world's greatest cattle thief in history. According to Herbert Hoover, his haul in Belgium alone exceeded a million head in the first three months of the war. Livestock owners should not overlook the fact that the champion cattle and horse thief is still at large."

About one-third of all sugar used in the homes is served in tea and coffee. If an average of half a teaspoonful a cup is left undissolved in the bottom of 12,000,000 cups of tea, coffee and cocoa used daily in Canada, the waste would be 120,000 pounds of sugar per day.

In bullet Experiment may is a time for gr Clover w Liming is of correction Three fou are acid an About on very acid ti time it is so About on to medium whenever t all unfavor Only also Indiana is lime to en perly.

A liberal tion of p limestone other for is needed a clover any acid s Whereve fails to ti soil should for acidity

If the s enough to ing at all two tons of ground or its eqs other for Ground any time, it on plo the surfac Lime v increases but the it comes other leg Follow possible crops.

The g umes tha directly easier it tility of Lime fertilizer addition On sev ent part stone ha from \$10 tion of average acre per vested.

The v crop ha It is a and lea isties n is to sa a deep moistur the leaf edible deal of many This is is four spreads prevail relist