



What Will You Do For Help?

FARM help is scarce, but this condition can be relieved to a marked degree by using machines that accomplish more work in a given time with less man power.

Why should the farmer cling to horses—a slow, expensive means of power—when every other business is adopting the truck and thereby reducing the cost of hauling, speeding up deliveries, and saving for human needs the food that the horses would otherwise consume?

The motor driven truck can work constantly at maximum load under the burning summer sun, or in the coldest weather. Unlike the horse it needs no rests while working, it eats only while in actual use, and when the day's work is done it requires very little attention, and leaves you free for other "Chores" about the place. Then, it can be housed in one-quarter the space of the horses, wagon and harness it replaces.

It is a mistaken idea that a truck is useful only for driving upon paved roads. The Ford can be driven all over the farm, and used for hauling grain, potatoes, fruit, roots, fertilizer, wood, stock, milk or any other product. The speed it travels, the time it saves, and its low upkeep cost appeal very strongly to all users of the Ford Truck. If you need help, order your Ford One Ton Truck today.

All prices subject to war tax charges, except trucks and chassis

Ford

THE UNIVERSAL CAR

One-Ton Truck \$750

Runabout . . . 575

Touring . . . 595

Coupe . . . 770

Sedan . . . 970

Chassis . . . 535

F. O. B. Ford, Ont.

Ford Motor Company of Canada, Limited

Ford . . . Ontario

FEEDS

Linseed Oil Cake Meal, Corn Oil
Cake Meal, Gluten Feed Meal,
Bran, Shorts, Feeding
Corn Meal.

Also a full line of the reliable Good
Luck Brands of Poultry Feeds.

Write or 'phone for prices.

CRAMPSEY & KELLY
Dovercourt Road, Toronto, Ontario

Holstein Bulls

Ready for service and younger. Cows and heifers
bred to ORMSBY JANE BURKE, whose two
nearest dams average 38.82 lbs. of butter in 7
days. The three nearest sires' dams and his dam's
records average 35.69 lbs. for 7 days, and 112 lbs.
milk for one day.

R. M. HOLTBY, R. R. 4, PORT PERRY, ONT.

Please mention this paper

HET LOO PIETERTJE

THE \$12,750 HEIFER

Sold at the great Milwaukee Sale, was only one of the many daughters we have of our senior sire
Pontiac Korndyke of Het Loo. We also have sons—brothers to this world's champion heifer; and for
the next few weeks, these, along with several other young bulls of serviceable age, are priced
exceptionally low. Let us hear from you if interested—at once.

W. L. Shaw, Roycroft Farm Farm on Yonge St., Toronto & York Radial, 1½ hours from Toronto. New Market, Ont.

Hospital for Insane, Hamilton

We offer bulls only for sale, but they are from some of the
choicest cows to be seen in any herd, and bulls equal to the best.

—Apply to Superintendent

PIONEER FARM HOLSTEIN HERD

—the herd that produces champions—offers a very handsome, ready-for-service son of Canary Hartog.
His dam a high-testing sister of Calamity Snow Mechthilde 2nd, the new Canadian champion three
yr.-old in R.O.P. Also bull calves from champions, and from dams' sisters and daughters of champions
Don't take time to write — come at once and see them for yourself.

WALBURN RIVERS & SONS, R. R. 5, Ingersoll, Ont. Phone 343L, Ingersoll Independent Line.

EVERGREEN STOCK FARM . . . Registered Holsteins

Just now we are offering one choice yearling bull, ready for heavy service. The records of his five
nearest dams average over 31 lbs. butter in 7 days, and over 100 lbs. milk in 1 day. We have also
some high-record bull calves, including one whose dam and sire's dam have records that average 37.66
lbs. butter in 7 days and 127 lbs. of milk in 1 day. A. E. HULET, Norwich, Ont. Bell Phone 48-3

Putting the Sun to Work.

Civilization may best be regarded as the utilization of energy for the benefit of humanity. The primitive man had command of no other course of energy than his own muscles. Consequently he could not accomplish much. His first advance was made when he drafted the energy of the lower animals into his service; when he mounted the horse and hitched his wagon to an ox. But so long as man was dependent upon the labor of human or animal slaves he was himself enslaved. He entered upon his era of emancipation when he began to employ mechanical energies, first the wind and the waterfalls, later coal and oil. All these sources of energy are derived, remotely or recently, from the sun, which is the real motive power of the railroad train and automobile. It was only when man learned to hitch his wagon to a star that he became free. These three stages of civilization might be illustrated by three pictures; the first of a gang of slaves dragging a great stone for the building of the pyramid of Cheops, the second of a half dozen teams of oxen or horses straining to pull a heavy load, and, last, a modern power house, clean, cool and quiet, where the engineer sits reading a paper and occasionally glances at a dial and turns a switch which controls the current for a hundred cars. At the exit gate of the Garden of Eden a sentence of perpetual labor was passed upon mankind, but modern science points out a way of relief from the primal curse.

The labor problem will eventually be solved by the complete abolition of labor in the sense of physical exertion. Visit one of our great steel plants where more work is turned out in a week than the ancient world could perform in a century, and you will see only a few men scattered about the building and not many of these are straining their muscles. It will not be long, too, before man strips the harness from the horse for the last time and with a grateful slap on the flank turns him loose in the pasture of a zoological garden. If you look out of your window on a wintry day you can see the conflict of the passing and coming stages of civilizations. A toiling team of horses is trying to drag a coal cart through the slush, but, though the driver lashes them furiously, they only slip and flounder, while a stream of motor cars and trucks whizz by with impatient toots. The horses may as well give up. They are out of the race. Art again has vanquished nature. Man in the machine is superman, a veritable *deus ex machina*.

The machines by which man has been enabled to climb to heights of wealth and comfort hitherto unattainable are mostly run by fossil fuel. If man was able to make use directly of the radiant energy of the sun a dozen square miles of Arizona desert would provide all the motive power needed by the United States. But as it is he is obliged to get this energy indirectly by drawing upon the stores of solidified sunshine concealed in the earth. The carbon and the hydrocarbons, the coal and the oil, resulting from the accumulation and condensation of millenia of vegetable growth, are brought again to light and reunited to the oxygen of the air, thus regenerating the heat that formed them. But this supply is limited. The world is now living on its capital. The amazing acceleration of civilization during the last century, the increase of population and wealth, the expansion of industry and commerce, the development of new countries, the improvement of living conditions, and the advancement of the arts and sciences are all due to the fact that the present generation has inherited a fortune accumulated during millions of years and is spending it lavishly with no thought for the morrow. The coal bins of England and France will begin to give out within two hundred years. Those of Germany may last four or five times as long, while the United States and China have still greater reserves to draw upon. But the oil supply is much more limited and unevenly distributed. The United States is favored above all other countries in this respect, but our navy department prophesies that American petroleum will last only twenty-seven