

For Your Pocketbook's Sake--Read This

I am so confident that the Olds Engine is the most economical and most durable engine you can buy that I will make this proposition to every buyer of an Olds Engine:

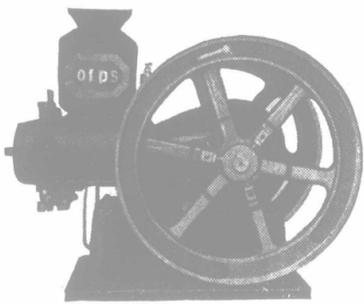
I agree to replace, free of charge, any part of an Olds Engine that breaks or becomes worn, from any cause whatsoever, within one year from date of shipment, provided the replacement is one you think should be borne by the manufacturer. You are to be the only judge. There is to be no argument, no delay in returning old parts and getting new ones; you decide and I abide by your decision.

J. B. SEAGER, Gen. Mgr.

OLDS ENGINES

Give you the power you need at the price you can afford to pay for it.

Do you think this proposition could be made on any engine but a practically perfect one? You can easily see that to stand this supreme test of durability and perfect workmanship it must be built right, of the very best material, of the simplest construction. This is the kind of an engine you want. You take no chances in buying an Olds. All of my representatives can furnish these repairs without any delay. They do not have to consult me. Write to my nearest agent. He can fix you out with the best engine you can buy, no matter what others cost.



Olds Hopper Jacket Engine.

Write To-day for Our Handsome Catalogue.

It contains many fine pictures of the very latest models of Olds Engines, with a detailed description that makes the engine question as plain to you as an open book. It contains letters from farmers who have used the Olds Engines, and they give their practical every-day experience with it.

Olds Engines are made in all sizes, to suit every kind of work on the farm. We have exactly the kind of engine you want. Tell me what you want to do with it, and I will tell you just exactly the kind of engine you want to buy to do the work. It will be an expert opinion that costs you nothing.

Some of the Features of the Olds Engine.

Olds Patent Seager Mixer.—The only one that makes a perfect mixer of gas and air, giving the greatest power. No pump to leak or get out of order. No moving parts.

Removable Valve Mechanism. Removable Water Jacket. Jump Spark Ignition. Piston and cylinder ground to a perfect fit, giving better compression and more power.

Simplicity, three separate inspections, durability, economy and certainty of operation.

Our catalogue explains these points in detail.

Olds Engines are of the highest efficiency at the very lowest price, because we can produce them without wasting a penny's worth of labor.

Do Not Think of Buying an Engine Without Investigating an Olds.

The Olds Gas Power Co. is the Largest and Oldest Concern in the United States who are Exclusive Makers of Gas and Gasoline Engines.

Our hopper jacket engine on skids or wheels, 3 to 12 H. P., is ready to run when you get it. Fill it with gasoline, throw on the switch, turn the wheel, that's all. No piping to connect, nothing to set up, always ready, can be moved anywhere.

We also make regular engines 8 to 50 H. P. for heavier work.

Every Olds Engine is fitted with the Seager mixer, which is recognized as being the most effective mixer that has ever been invented. No pump to leak, no moving parts to get out of order. They also have a removable water jacket, so if through carelessness the water should freeze, but very little damage is done.

It is to your decided advantage to send for our catalogue.

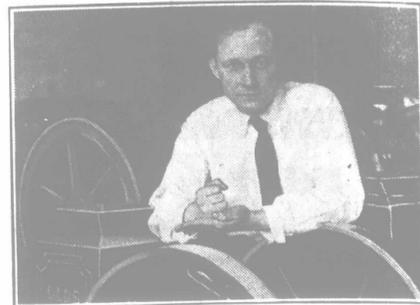
Do it now before you forget it. A postal card will do, but, better still, write me a letter, telling me what you want the engine to do, and you will get a personal letter from me that will give you the facts you want.

Write me or my nearest representative.

J. B. SEAGER, Gen. Mgr.

OLDS GAS POWER CO.,

Hamilton, Ont., Office, E. B. Echlin, 19 York St.
Main Office and Factory: 993 Seager St., Lansing, Mich.



"I guarantee every Olds Engine that leaves the factory to be in perfect running order. I do not spend much time in the office. I am out in the shop with my coat off watching every detail."

"By keeping right out around the workmen seeing that all the little things are actually done, I know the engine you get is all right and that the high Olds standard is maintained. I also know the engine is 'Best by every test,' because I look after the testing and inspecting myself. They are the best you can buy, whether you pay less or more than the Olds price."

Write me about your own particular case. Let me advise with you. What I can tell you will fit your case exactly. Then you can decide what engine to buy.

J. B. SEAGER, Gen'l Manager.

QUESTIONS AND ANSWERS. Miscellaneous.

FOUR-YEAR ROTATION—PERMANENT PASTURE—SUPPLEMENTARY FEEDING.

I have been very much interested in the discussion in "The Farmer's Advocate" on rotation of crops. For the last eight years we have been practicing a six-year rotation, consisting of hay (clover and timothy), two years' pasture, grain, corn, and seeding down with grain. This has been giving very good satisfaction, and I would not like to change it, unless I was sure it would be better. If I changed to a three-year rotation, permanent pasture would have to be used. Would you answer a few questions on this subject:

1. Do I get the full benefit of the clover in my present system?
2. Would as good results be obtained from permanent pasture as pasture in rotation?
3. Would it be any benefit to have some timothy in the hay, or should it be all clover?
4. In seeding down to permanent pasture, should a regular permanent-pasture mixture be used?
5. How would alfalfa hay and corn silage do for summer feeding?

ROTATION.

Ans.—1. You do not derive full benefit from the clover, because you do not have enough of it. Instead of being sown once in six years, it would be better sown, say, once in four. We would strongly recommend trial of a four-year rotation, arranged as follows: First year corn, roots and potatoes, on sod with a piece of peas, if necessary, to fill out the quarter; second year, grain seeded to clover and timothy; third year, hay (chiefly clover, as a rule); fourth year, pasture or hay and pasture as required. This will obviate the necessity of a permanent pasture, except perhaps a small

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field near the buildings for turning the cows in at night, or a rough area not suited to rotation cropping, or some out-of-the-way field in which steers may be pastured, or even cows, if there be children to fetch them, or a lane up which they may come of their own accord to the barn.

2. A well-established permanent pasture, rightly handled, and manured occasionally, will produce a liberal amount of very nutritious grazing, almost, if not quite, as much as the usual meadow occurring in rotation, but except in the circumstances above indicated, we do not consider it wise to thus abstract a field from the rotated area.

3. While a ton of timothy is not so valuable for feeding stock other than horses, as is a ton of clover, still a little with the clover adds acceptable variety, probably conduces to a greater yield and in some seasons insures a crop when, if clover alone had been sown, there might be little or no hay.

4. Yes, decidedly.

5. Fairly well, if the hay were of good quality and well preserved, especially if it were new hay. It would furthermore have the advantage of being very convenient to feed. Undoubtedly, silage, with alfalfa, fed green, would produce a better milk flow.

Up-to-date—"When we take charge of the Government," says the wise old suffragette, "we will make some changes in the naval bureau." "I should hope so," agrees the enthusiastic young suffragette. "Why, bureaus are hopelessly out of style." We will have a combination wardrobe and chiffonier."

Mardougal (to his new fourth wife)—"The minister doesn't approve o' my marryin' again, an' sae young a wife, too." But, as I tell't him, I canna be aye busyin'."