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or a little BOVRIL soup will put you in good trim for your evening meal.

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It's a fact that Acetylene, the softest, whitest, most agreeable light known, actually costs less than light from coal oil lamps! A good-sized lamp, giving 24 candle power, burns a gallon (20c. worth) of coal oil in 20 hours. That's a cent an hour.

A 24 candle power Acetylene light burns $\frac{1}{2}$ cubic foot of Acetylene per hour, costing just half a cent.



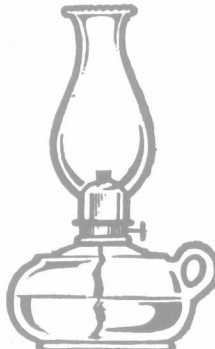
$\frac{1}{2}$ c. per hour.

So you see Acetylene is only about half as expensive as coal oil lamps for an equal illumination.

Yet it is a bigger improvement over lamps than they are over the old-time candle. The light is whiter—better to read by—easier on the eyes.

Then there are no lamps to clean, no chimneys to break, no oil to pour, no dirty wicks to trim, none of the nuisances you have had to put up with, and many advantages you have never enjoyed.

We'll be glad to tell you just what it costs to put in and run an Acetylene lighting system, and how to go about it. Write us.



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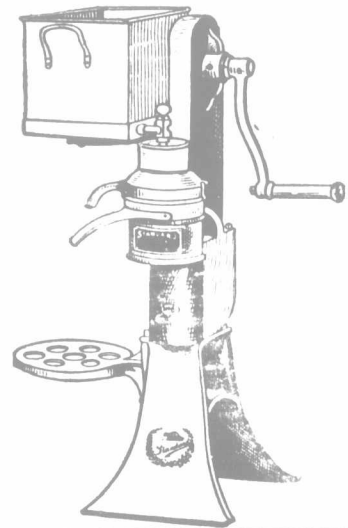
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THE self-oiling system starts spraying the working parts of the "STANDARD" Cream Separator with oil the instant you start turning the crank. It stops oiling when you stop turning. There are no glass lubricators that demand continuous attention. The "STANDARD'S" oiling system looks after itself. The oil-proof and dust-proof casing, enclosing the working parts, prevents dust and dirt clogging up the machine and oil getting on to the floors.

Because of the self-oiling system, the "STANDARD" runs easier. There is always a body of oil in the bearings—always oil between the teeth of the cog wheels when they mesh. This means that the cogs in the different gears are not subject to the ordinary wear. The less wear, the easier the separator will run, and the longer it will last.



When changing the oil in the oil chamber once every two or three months, cleanse the working parts by running a cupful of coal oil or gasoline through the machine a few minutes. That will keep your "STANDARD" running at highest efficiency. The self-oiling system is only one of the outstanding features of "the world's greatest separator." Others are described in our booklet. Write for a copy.

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QUESTIONS AND ANSWERS. Miscellaneous.

WILD OATS.

Will you please give the best known way to eradicate wild oats and not summer-fallow. I have warm, sharp, limestone, clay bottom. It is almost impossible to get them to grow in the fall. Have been seeding to red clover, cutting early and taking a crop of seed, then plowing up. Cannot kill them this way.

J. M.

Ans.—Any method of cultivation which induces the seeds in the soil to germinate, and permits at the same time of the destruction of the plants before they have produced seed, will, in time, exterminate will oats. They will remain in the ground a few years and then germinate. Would suggest that the land be hoed this season, and seeded down next season, leaving it down for three or four years, preferably the latter. Seed heavily with clover, and fairly heavy with timothy. If any appear in the hay, cut before they ripen sufficiently to germinate. At the end of four seasons the land should be free of them. A short rotation of crops, including a good hoed crop and a heavy clover crop, is undoubtedly the most successful method of combating this pest.

STRAWBERRIES.

Am a very attentive reader of "The Farmer's Advocate," and have gained much information from it. One thing I should like to see printed in it is directions for growing strawberries, what kind, when to plant, etc.?

L. M.

Ans.—Strawberries are usually propagated by runners. Strawberries require a rich, well-drained soil, in good tilth. Fertilize well with barnyard manure. Some practice spring, others fall planting. The former has, on the whole, given best results. Set the plants 15 to 18 inches apart in rows $3\frac{1}{2}$ to 4 feet apart. Even 24 inches apart in the rows is not too much with varieties which produce large numbers of runners. Cultivation should begin as soon as possible after the plants are set, and should be deep, frequent and continued. An occasional hoeing will be necessary, and with most varieties some of the runners should be cut. No fruit should be borne the first season. The matted rows is the best way to grow strawberries in Ontario and Quebec. After permanent frost has set in, the plants should be covered with a light coat of clean straw which will not pack and smother the plants. Plantations must be renewed every two years for best results. Some good varieties for commercial use are, Splendid, Warfield, Williams, Sample, Bederwood, and Bisel. For domestic use, Splendid, Senator Dunlap, Ruby and Lovett, are recommended.

ORCHARD PLANTING.

I expect to set out three or four acres to apple trees this spring and wish to get a few pointers, as I have not had much experience.

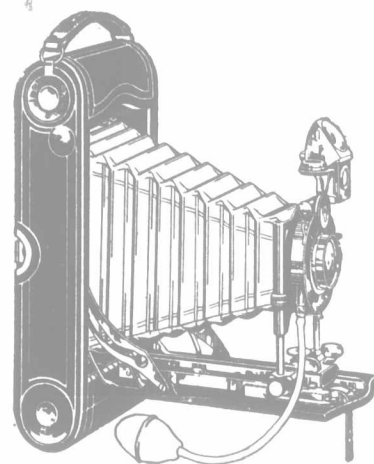
1. Would you advise setting out all Northern Spy?
2. Would they need other kinds among them to pollinize them? Some say they will not fruit planted alone.
3. Would the Stark apple do to mix with them?
4. What would you think of planting some hardy kind and top-grafting to Spy?
5. If so, which of the following kinds would you recommend: McMahon White, Scott's Winter, or Pewaukee?

H. W.

Ans.—1 and 2. The Northern Spy is largely self-sterile, and some other variety is necessary to pollinize the blossoms. It is never advisable to plant any variety in solid blocks. Plant varieties in solid rows, running them north and south, planting two, three or four rows of each variety together. Plant varieties which blossom about the same time close together.

3. Would you advise planting of them?
4. Sometimes this works out all right, but there is a danger of getting a large number of imperfect fruit, and this is a waste of space and money. Work with the pollinizer and the main variety.
5. All the kinds mentioned are good. McMahon White, Scott's Winter, and Pewaukee are all good. The Stark is a good pollinizer.

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