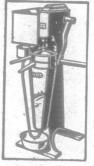
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APRI

## TUBULAR " CREAM SEPARATON



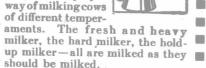
Patterned after the great world spinning on its axis, the revolving bowl of the TUBULAR has no fixed shaft and no fixed bearing. It is suspended by a flexible steel spindle,

its weight being borne by a resilient ball bearing, permitting the bowl to run practically without rocking, with ease, smoothness and precision. Increases the centrifugal force without increasing the speed. The TUBULAR skims close, is easily and quickly cleaned, is built sturdily in all of its few parts. All gears are enclosed. It is constructed to afford a lifetime of durability and consumes little oil.

# eccentric to its center of gravity.

Its suspension is natural and is not

The MILKER is in daily use under all widely varying conditions in dairies of different classes, in all dairying sections of the United States and Canada. The teat cup with the upward squeeze is almost human in its ability to adapt itself to the proper way of milking cows of different temper-



The SEPARATOR CATALOG and the MILKER BOOK give full details regarding the construction and utility of these dependable SHARPLES products.

The Sharples Separator Co. West Chester, Pa. 

Chicago Kansas City San Francisco Minneapolis Omaha Portland Control C Portland, Ore. Winnipeg Agencies Everywhere

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Is noted for its

**EFFICIENCY** LOW initial cost LOW cost of operation LOW upkeep cost. PRICE \$50 PER UNIT.

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Sole manufacturers for Canada GALT :: ONT., CAN.

### Woodholme Shorthorns

I have a few more Scotch Bulls, of the low set thick kind, breeding unsarpassed, left for side, among others a 10 month's out of man size and fam, a bord header of the right kind. Write pic years wants G. M. Forsyth, North Claremont, Ont.

"OAKLAND" SHORTHORNS

50 head of good individuals to select from, 26 preeding from ites, headed by a fine kone let prize, and sweepenases but, just three only in 1st ervice, the or hash quality, and priced to soft from Elder & Sone of Hersall, Contarion Please they are The Farguer's Advo. 1st

#### Ouestions and Answers. Miscellaneous.

#### Girdled Trees.

Have a young orchard and the trees are girdled by rabbits. Could you, through the columns of your valuable paper, instruct me how to bridge-graft them, or is there any other more efficient method of saving the trees?

Ans.-Sometimes when trees are only slightly girdled, a bandage and a good coat of wax will bring the tree around again and ensure a perfect heal. However, if the wound projects into the wood, and the girdle is quite wide, some form of bridge grafting might be necessary. If there are any small branches or shoots coming up from the roots, they will be superior to scions cut for the purpose. Cut the end off of them so they will a little more than reach up to the upper part of the wound. Trim the lacerated bark down to the healthy bark of the tree, sharpen the end of the small sprout and insert it under the bark above the girdle. When it is cut longer than the wound, the bend of the sprout will keep it forced up, but it requires some other protection. If possible, make use of several sprouts that may be coming from the bottom. At the union, wax connecting layers and bandage them for protection. In case there are no sprouts coming from the roots, cut two small limbs or twigs so they will be a little longer than the width of the wound, after pruning the affected bark back to healthy, green bark, sharpen both ends of the scion and insert it under the bark. Treat the unions as before described. Bridge-grafting is not always successful, but it is advisable to try it rather than allow the trees to perish.

## Millet and Pasture Crop.

1. What name have the seedsmen for the sweet clover mentioned in recent issues, and what are the main objections to its use in general?

2. For wintering cattle, would Japanese Panicle millet improve a mixture of oats and peas, or with oats along, and what amounts should be sown? Soil, loam, in average condition

3. What would be best to sow on a low piece of soil for two or three years' pasture, in which there is some common grass yet, cost and returns considered? 4. Does red-clover seed deteriorate when grown for years on same farm, soil in good condition, rolling loam and D. I. J.

Ans.-1. None other than "sweet clover," except "Bokhara," unless you get into the scientific world, in which they are Melilotus Alba for white sweet clover, and Melilotus Officinales for yellow sweet clover. The main objection to its use in general is that stock have to be introduced to it before they thoroughly relish it. After this season's experimental work, we will have more information regarding it.

2. If your soil is in good condition, a crop of oats and peas will not be improved materially by the addition of millet. It has been found by experiment that for fattening swine one-fifth more millet was required than wheat or barley to produce the same amount of gain. The one advantage that might accrue from its use would be that it would add variety to the ration, but we do not think that it can compete with oats, peas, barley, and corn, for growing stock. Experienced feeders have recommended as high as one-third millet to two-thirds barley and oats. The great advantage from millet is that it can be sown late on land that you have failed to seed with other kinds of grain or

3. We understand that you are breaking up this land and re-seeding it to pasture for a couple of years, in which case it would be wise to sow red clover, 6 pounds; alsike clover, 3 pounds; orand grass, 3 pounds, meadow fescue, 3 ounds: timothy, 3 pounds. If the land recolerately low, it might be advisable and a the orchard grass and timothy e contain extent, and substitute red-

I theyer seed should not deteriorate the same seed if you are following an religent system of rotation of crops



# The Bull Is Strong-But "Ideal" Fence is Stronger

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Ask your nearest "IDEAL" representative to show you "IDEAL" FENCE and to give you a price on your requirements. If you do not know him drop us a rard and we will send you our complete proposition by return mail. Write for Catalogue 121 which tells all about "IDEAL" FENCE. The McGregor Banwell Fence Co., Limited, Walkerville, Ont.

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