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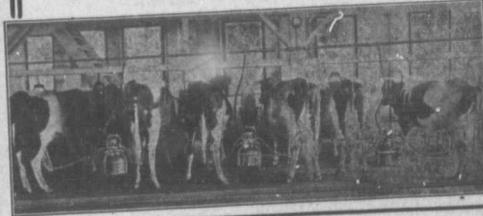
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To Those Desiring to Adopt Children

FROM time to time there are published in the columns of Farm and Dairy groups of children for whom homes are desired, with directions to Our Folks as to where to write if they are interested. It is just possible that some of our readers who very much desire to adopt a child may write to several of the Children's Shelters only to find that the children are all placed and their applications were too late. If there are any who have been disappointed in this way they are invited to write direct to Farm and Dairy and a special effort will be put forth on their behalf to assist them in securing a suitable child.

The following letter, recently received by Farm and Dairy, is self-explanatory. Any of Our Folks who would be willing to give a home to one or both of these helpless baby girls, kindly communicate directly with John Wilkinson, Secretary, Children's Aid Society, Sarnia.—Editor.

Sarnia, Oct. 1, 1915.

Gentlemen,—Availing myself of your kind offer to place children, I should be very glad, on behalf of the Children's Aid Society, to place in good homes two infant girls (twins), born June 6, 1915. They are of Russian parentage, and dark haired. The mother died shortly after their birth and there is no one to care for them, so they were made wards of the Children's Aid Society. As they are of Roman Catholic parentage, they can only be placed in Roman Catholic homes as the law directs. They are now at the Sarnia Hospital, and doing as well as can be expected. We could hardly expect to get together. If you could put me in touch with some prospective homes, I would be glad to give necessary information.

Truly yours,

John Wilkinson.

What is Good Plowing?

By A. C. Army

THE chief reason for plowing is to put the soil in shape to produce good crops. For best results the plowing must be done at the right time. Grain crops in particular need generous supplies of readily available plant food early in the season. Therefore early fall-plowing for grain crops is to be preferred. This allows the needed changes that take place in loosened soil to get started early and to continue until the ground is frozen. The result in productive soils is an accumulation throughout the cool fall months of plant food and this is easily taken up by the grain plants during the following spring.

For corn, black loam soils should be plowed in the fall. On the heavier clay soils spring plowing for corn is often preferable.

Good plowing means more than making the field appear black. It means more than making straight furrows. However, a good plowman usually makes straight furrows. In a well-plowed field the soil is stirred and pulverized to the depth indicated as necessary by the kind of soil and the crop to be grown; and the stubble and rubbish are completely turned under where it will be out of the way and, if necessary, for most crops, quickly decomposed. For most crops, deep, rather than shallow plowing, is the best practice.

To do good work with a minimum of power, plows must be centrifuged properly shaped and sharpened shares. A good share allows a plow to run true and little or no effort is necessary to hold it in place.

To turn under any rubbish a good jointer properly adjusted is necessary. No stubble or weeds are left sticking

up between the furrows where a good jointer is used.

Keep the plowshare properly shaped and sharpened. Use a jointer so that all rubbish is turned under completely. Increase the depth of plowing an inch or two each year for several seasons.

House Cleaning for the Cow

By G. W. Gehrand

BEFORE the dairy cow is taken, from the pasture, the barn should be thoroughly and systematically cleaned. A cowshed should be broken down and the walls and ceiling should be whitewashed or painted some light color. Either whitewash or paint will give a clean surface and make the whole stable look lighter and brighter. It might be well, too, to put in a few extra windows.

The dairy cow has had the freedom of the pasture and the fresh air of the fields for the last five months; she has practically maintained herself and produced milk upon succulent feed; and variety of palatable feed that will nourish her abundantly and help her produce an even flow of milk. The right kind of a cow will respond with interest and attention to her comfort—for warmth, light, ventilation, and feed. If she is not comfortably housed her returns will be reduced in proportion to her discomfort.

Echoes from Panama Exposition

OCTOBER is farmers' month at the big Fair at San Francisco. Attention is given to the agricultural feature of the fair and particularly to the live stock which will be gathered from many different countries. There are also many national and international meetings in which farmers and breeders will take part. This programme, coming just after a big harvest has been taken off, will of course mean a tremendous attendance of rural people.

The most coveted prize in the cream separator world was again awarded to the De Laval Dairy Supply Co., at their centrifugal machine. This gold medal is symbolic of their durability and utility to practical farm conditions. The De Laval Co. have had the honor of winning this distinction with their separator at practically all the former Expositions.

In milking machines, this highest honor went to the Hinman, as outstanding in economy, efficiency and durability. Our columns were full of error in Sept. when it was stated that the gold medal went to the Calf Way. The Calf Way won the grand prize in efficiency and for milking 100 cows daily at the fair.

So far, 12,000,000 people have no admission fees of 50c each to the fair.

Owing to the abnormal conditions still existing in the Province, the Directors of the Ontario Horticultural Exhibition, at a largely attended meeting held on Thursday, decided to again defer the November show to another year. All the buildings at the Exhibition grounds will be occupied by the soldiers in training, so no other building suitable can be located in Toronto. It was felt that the association could help the Red Cross Society better by giving grant from the funds in the hands of the treasurer rather than risk putting a great deal of expense and energy in holding a show, the gate receipts from which might not in the amount to as much as could be put the other way.



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ESSENTIALLY, the not different from that of horses. The brood mare at least two animals, and on this second animal the extraordinary importance of pregnancy in itself is a gain, which in no way is health. In fact, it may be a serious influence upon of the animal body as a metabolism accompanying commonly see that during pregnancy the mare shows signs on a fresh more rapidly. During the first half of the mare is not different from the other horses of the stable certain changes manifest to our consideration. As already assumed a gain for some time is still of the foetus and eventually that of the uterus found to exercise an influence upon certain organs and their functions in a mechanical manner.

Shortness of Breath
The abdomen becomes enlarged, so that standing walking becomes less comfortable. The greatly increased uterine pressure upon the digestive apparatus the respiratory apparatus likewise has pressure exerted upon it to the extent the animal shows a certain shortness of breath. At the same time, the increased pressure of the body's vital forces increase the work of the heart and kidneys. All those changes are being abnormal, even though they should be given consideration in many cases. They may even be regarded as safety devices against the danger of an unborn calf. The shortness of the heavily pregnant mare, as well as the shortness of breath, are the factors in the present of excessively ac-