

Address communications to Agronomist, 73 Adelaide St. West, Toronto.

J. S. B., Essex Co.:—I should like to be advised how to treat my collie to which has fleas.—Answer:—Fleas mutiply in the dust and dirt of kemnels and even in hen louses when conditions are favorable. It is therefore important that all loose dust and dirt be removed from the box or stall in which the dog is housed. It is well then to thoroughly disinfect the space with a one per cent, solution of creolin. Unless the quarters are thus disinfected it will be useless to treat the infested dog. Bulletin No. 12 of the Dominion Department of Agriculture entitled "Fox Ranching in Canada" describes the treatment for ridding foxes of fleas. The instructions are equally applicable to dogs. After the premises have been cleaned up, it is recommended that the animal be dipped in a one per cent solution of creolin, which should be immediately washed out. Other treatments recommended in the bulletin are as follows:

One pound of soap, two gallons of kerosene, one gallon of water; make have a greater feeding value inasmuch as they seem to give greater thrift in

which are about equalities, by some mysterious process days a greater feeding value inasmuch into an emulsion by heating and stirring. The strength of the mixture is reduced by adding nine parts of water to one part of the mixture.

When it is impossible to dip the

matter daily. In addition to the mineral matter necessary for milk production, a considerable quantity is needed for the proper development of the fetus, especially during the last few months of pregnancy. The ordinary winter or stable ration which a cow receives during the flush of the milk flow may not provide minerals in sufficient quantity to supply the above demand, and, consequently, a call is made upon that stored in the body, mainly in the bones. If the supply stored up in the body becomes depleted, the milk flow will be adversely affected, for nature will not alter the composition of the milk nor interrupt the bodily functions of the mother or the development of the fetus. Arguing on this basis, it may be said that the supply of mineral matter might well be a limiting factor in milk production. As a general rule, especially in summer dairying, the ration supplies all the minerals necessary, but in cases of extra heavy production, combined with advanced pregnancy, of winter rations and on soils the crops from which are deficient in mineral matter, a supplementary mineral ration may be necessary. Grass supplies mineral matter in good quantity and in readily available form, so that as long as good pasture is available a supply of mineral matter is gruaranteed. It is when the grass gets short or when winter feeding commences that substitutes for natural minerals may well be considered first, since there are some which are also good dairy feeds, the outstanding ones being bran and legumes, such as the core of the fetus and the minerals are some which are deficient in mineral matter in gruaranteed. It is when the grass gets short or when winter feeding commences that substitutes for natural minerals must be provided. Feeds rich in minerals must be provided. Feeds rich in minerals must be provided. Feeds rich in mineral matter as some which are defined in mineral matter in group for mineral matter in grant and the mineral matter in group for mineral matter in group for mineral matter in group for mineral matt



the best month of the year to date for store cattle with 10,700 head, or al-most a third of the total run, reshipped to the country. The veal calf trade suffered from increased beef consumption, and heavy calves, which were numerous, generally found an outlet as stockers. Although the run of lambs at times was Mberal, prices had an upward trend. Hog prices were down at first, but were moving up at the close of the month. Regarding the Montreal market,

rices for cattle were generally steady during the month, although a remark among the comments is that, due to heavy shipments of Western cattle direct to packers' sidings, packer buyers were not keen blidders for butcher cattle and trading was slow. Although really good year a large was received. really good veal calves were scerce, prices for that kind were firm, but heavies were weak. The lamb market was rather erratic but the tendency was upward. Hegs were generally lower, although hogs of select weights brought \$12 to \$12.25.

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At Winnipeg heavy liquidation of cattle and poorness of general quality had a depressing effect and the market in October tended to duliness. Calves were down a bit, but the sheep and lamb market as a whole continued generally active, with prices maintaining a steady tone. Hogs were a trifle lower in the middle of the month, but at the close, with the new grad-

motor accidents throughout the Province in the majority of which little children are the chief sufferers. Many of them are little waifs of the poorer sections where the streets are the only playgrounds. Here are the average day's figures for 1922 attendance:

The report of the establishment of a large poultry community north of Toronto is in keeping with the aggressive policy inaugurated by the Provincial Department of Agriculture and the Ontario Agricultural College for greater poultry production. This for greater poultry production. This farm, some 500 acres in extent, will be subdivided into 75 poultry plants, each owned independently, but worked bn a semi-co-operative basis. Upward of 100,000 layers will be accommodated, and it is estimated that 100 cases or more of eggs a day will be pro-duced when the community is fully developed. This product will be graded in accordance with the Government standard, and sold under the commun-

It is the intention of the promoters to develop this community along the lines used in establishing the famous "Egg City" of Petaluma, in the state of California. Organized and built entirely on the production of White Leghorns, this city has blossomed out into a model town with all modern civic improvements, and with a popu-lation of over 6,000 people. There are more than 6,000,000 hens in the dis-

eggs are shipped therefrom.

Ontario is the leading poultry province in the Dominion, closely followed

portunity for poultry raising and egg marketing in Ontario, and the manner in which Ontario farmers are taking up this profitable industry as a side-line to agriculture augurs well for the future.

Feeding Poultry in the Winter.

The carrying out of this great work is your responsibility as well as that of the people of all Ontario. Every contributor to the Hospital is a friend, indeed, to these little mites of humanity, and has the satisfaction of knowing that the result of his individual contribution is bringing loy into at least one home by assisting to care for somebody's child. The service of the Hospital depends on the continued support of the public and the conversion of dollars into health and strength will, I am sure, meet with your approval. Each minute of mercy costs over fifty cents, so you will see that much money is needed to carry on this GREAT MOTHER CHARITY.

Every day sees a large number of additional patients on the Hospital's register. Owing to the advanced costs of surgical and medical appliances maintenance is mounting until now neerly twice the usual amount of money is essential for the fulfilling of our duty. With the approach of Christmas, may I place these facts befare your readers in connection with the 47th Christmas appeal of the Hespital for Sick Children?

Faithfully yours,

I. E ROBERTSON, Chairman of the Appeal Committee.



A VISION OF GERMAN INDUSTRIAL RESURRECTION A German cartoonist's significant view of the situation in Germany