figures will show I those of last year. per day are notice-

100 pounds gain re particularly so consider first the emember that the 1 that of 1907-08. ere smaller and in ng January and cold months, the old their weights. i that the average only eight pounds aber 12th. In the s gained as much smaller ones must It was very noticeiffered more during nan the big steers period made much or which was no gains during the

those tied in the This is largely due est type of feeders. ay on flesh rapidly, feed as the outside best showing. As e best lot to begin are partly attribund the abundance must also account hat four of those a cent less than the y were not so uni-

the difficulty of

there were several feed. There were t that several days each case. None during the period eir feed. Had the d there would unuble than we had. n above, no allowice in the amount est on investment. th the feeding done outside, and more an when they are , much less capital ing is done outside. rofit per steer, a placed on all straw onsidered a waste lisposed of, it may et profit per head the straw. Giving r feeds, we find the

> Inside (tied) \$6.54

more nearly corclearly whether or or lost by feeding selling it. If the ding the grain are ot on the market, have been carried me values as given l valuing the bran t for the grain fed ed with the various

\$36.73 \$31.51 . 62 . 53 .88

it have been ruling id that these comket prices. While y the manure proup any difference average conditions

difference between v, it is not possible ns. It would apeighing from 1100 ed to much better ler class and that

shelter from high winds during cold weather.

FARM

Letters Upon Farming Operations Welcomed.

Our Scottish Letter

HARVEST OF THE GRIM REAPER

It is difficult in these days to keep up one's have sometimes become few and far between. This letter is usually written by me on a Saturday afternoon, and during the month of April I was attending a funeral on almost every Saturday. The Canadians are eager to have cows with good

Death has been very busy among leading farmers bags, teats that can be easily milked, and a milk mixed by machinery as well, if not better, than by hand. Moreover, if large quantities of concrete are ton, Aldersyde, Uddingston. The former was the stock," but that they have done well with the particular of the various forms of mechanical mixer introduces marked economy in the cost of construction. None of the various forms of mechanical mixer introduces marked economy in the cost of construction. None of the various forms of mechanical mixer introduces marked economy in the cost of construction. studied addresses were good enough in their way, guiltless of any knowledge of pedigree stock of big, useful, healthy-looking dairy cows. any kind.

James Hamilton was a man of totally different type. He was calm, reserved and calculating. He was one of the shrewdest and most farseeing men in Glasgow. He and his brother built up one of the finest wholesale provision dealers businesses in the city. He had a keen sense of what was right in dealing with dairy produce, and handled great quantities of both home and foreign butter, cheese and eggs. He was chairman of various public companies engaged in the production and sale of provisions. He travelled extensively and he had a keen business instinct, realizing where additional supplies might be lectures read at what you would call Farmers' Institutes, that home farmers should produce the best and that only. Mr. Hamilton's hobby a hard man to beat in a showyard. He took an active interest in the affairs of the Glasgow Agricultural Society. He died at the comparatively early age of 57.

BUDGET REFLECTIONS

The Budget is the all prevailing theme these the city could be forced to let go and sell for sisters, and the third the well-bred horse Baron Laughland, Hartney, Man.

during extremely cold weather even good cattle building sites, sufficient money would be obtained Ian, which won in the two-year-old class. A man in a comfortable, well ventilated stable, gains residence near his place of labor who is now com- anything like the same result a second time. were made more economically for feed consumed pelled to travel by train at an additional outlay than when no shelter was provided. Where to places of abode at a distance. There is another feeding is done outside it would appear to be abuse of land to which attention has been diadvisable to provide a shed well bedded to furnish rected from time to time. That is the ransom wheat in reality scarce or is this little game purely at which land which is wanted for public purposes the work of one man who has "made his pile" is held by its owner. In a recent case £19,000 out of artificially raising the price of the food were paid for acres of swampy land which com- of the people? If it is the latter, with me the petent men said were not worth more under any question would be what punishment does the Henry George would rectify this abuse. How interested might work a long while at it before that would come about we know not, but the it would yield itself to reason. Chancellor means to have a try this time.

SCOTCH AND CANADIAN IDEAS OF AYRSHIRES Ayrshire cattle have many good friends in Canada. At present there are with us more than duty in respect of correspondence, and my letters one of these, and their opinion of our Scots methods of judging dairy cows are not flattering. Are the mechanical mixtures likely to make as evenly made and hung vessels, and well-planted teats. mixing? ablest platform speaker among farmers in Scot- young queys bought out of what we have desigland. He was a breezy orator with a voice that nated our "yeld seekin". There are well-made, sounded like a circular saw, and an unfailing fund big cows which yield plenty of milk. Cows up to hand. of dry, caustic humour. Not many like him a good size and of the right shape are what is when rising impromptu and unprepared. His record. Unfortunately we have some ways of and aggregate being dumped in piles at the side ness in a very short time. Mr. Hutcheson farmed greater utility in the dairy properties of Ayrshire quantities needed for a batch. extensively in the Carse of Gowrie. He was an cattle. The championships of the breed at the

REVOLUTION IN COW BYRE TEMPERATURES

resolved to renew the experiments in 1909 which have sought to discover the truth as to the temperature in which a dairy cow yields her best. kept at a low temperature exhibit no practical difference. These results are so much opposed accustomed. However, let us not anticipate. These are the lessons which the past season's trials have taught.

CLYDESDALE NOTES it as sufficient to do very much. Here we are The championship of the female section in two hold enough for one batch. It is placed on the platthankful for small mercies, and when we cannot cases out of three has gone to D. Y. Stewart's form and shovelled full. Its capacity requires to be get the silk gown we are quite pleased to have dark brown, five-year-old mare, Veronique by but avail themselves of it at every turn, and an Baron, a wonderful colt which has never known cement, and moisten it to the degree required in the administration of the law with respect to adulter- defeat; at Ayr the same owners' British Time, a work. ated products from abroad, which would seem very thick, round-ribbed, short-legged threefair play to the home producer. All this looks year-old, (his action is close and of the class well on paper, but very little that is practical always looked for but seldom found;) and at can sometimes be got out of lairds and their Glasgow W. S. Park's big, powerful, dark-colored factors. They are willing to sympathize, but horse, Laird of Erskine, the district premium can sometimes be got out of lairds and then charge willing to sympathize, but horse, Laird of Erskine, the district premium if they can escape outlay they will do so, horse this year. These are three horses of quite outstanding distinction, and capable of waging mercy of those who have lent money upon such war for the Clydesdale in any company. Fyvice property. The Chancellor of the Exchequer Baron created a sensation last year when he was proposes to mulct property or real estate for unbeaten, and this year he promises to repeat property. The Chancellor of the Exchequer Baron created a sensation last year when he was proposes to mulct property or real estate for unbeaten, and this year he promises to repeat this breeder, John P. Sleigh, standpoint has a good deal to recommend it. St. John's Wells, Fyvie, achieved remarkable if they can escape outlay they will do so. horse this year. These are three horses of quite property. The Chancellor of the Exchequer Baron created a sensation last year when he was increased taxation, and the argument from his the performance. His breeder, John P. Sleigh, standpoint has a good deal to recommend it. St. John's Wells, Fyvie, achieved remarkable The abuse of property is a running sore in this success at the Glasgow show this week. He was The abuse of property is a running sore in this success at the Glasgow show this week. He was country, and if the gentlemen who hold up land first in three classes with gets of Baron's Pride, Clark, Calgary, Alta.; R. G. Thomson, Boharn, Sask. which ought to be sold as building ground within two of them a yearling and a two-year-old, full Third year: J. S. Neville, Cottonwood, Sask.; J.

make comparatively small gains. When housed to reduce rates, and many an artisan would find might live to a green old age and not achieve

THE WHEAT GAMBLE

What's the meaning of the wheat boom? Is circumstances than £7,000. It is supposed that man merit who makes a fortune out of such things the taxation of Land Values after the manner of The question is not easily answered, and those

SCOTLAND YET.

Mixing Concrete

Kindly explain the best method of mixing concrete. We are strong in the milk section for tightly- a mixed batch of mortar as may be produced by hand

> here, since concrete in small quantities, as would be used on the farm, is more economically mixed by

In mixing concrete by hand a platform is concould be found, and he never spoke better than wanted provided they have a certified milk structed as near the work as is practicable, the sand keeping or staking milk records that are quite If the work is to be continuous, this platform should but he excelled in debate. To be so irrestible a misleading, and a strong effort is being made to be of sufficient size to accommodate two batches, so but he excelled in debate. To be so irrestible a guerilla warrior he was a marvel when in the chair. No one could more successfully conduct a meeting with a stern regard to the rules of debate, and he pushed through an immense deal of busi-

A very common and satisfactory method of mixing out and out commercial farmer, absolutely three leading spring shows have been going to concrete is as follows: First measure the sand and cement required for a batch and mix these into a mortar. First, deposit the requisite amount of sand REVOLUTION IN COW BYRE TEMPERATURES in a uniform layer, and on top of this spread the In this connection the Highland Society has cement. These should be mixed dry with shovels or hoes, until the whole mass exhibits a uniform color. Next, form a crater of the dry mixture, and into this pour nearly the entire quantity of water required for the batch. Work the dry material from the outside The theory hitherto has been that in order to toward the center, until all the water is taken up, obtain this result the byre must be kept warm, then turn rapidly with shovels, adding water at the that is, at a temperature of over 60° F. The same time by sprinkling until the desired consistency experiments of 1908 have, however, rather is attained. Spread out this mortar in a thin layer shaken faith in this theory, as the results in byres and on top of it spread the gravel or broken rock, which are kept at a high temperature and those which has been previously measured and well wetted. The mixing is done by turning with shovels three or more times, as may be found necessary to produce a thoroughly uniform mixture, water being added if obtained and constantly urging by word, but more frequently by carefully-weighed and prepared season. Should 1909 yield the same results as of the batch of the first of the batch of the first of the batch of the b season. Should 1909 yield the same results as of the batch, face each other and shovel to right and 1908 a good many theories will require to be set left, forming two piles, after which the material is Byres hitherto considered ideal for milk turned back into a pile at the center. By giving the production will likely be overhauled, if not closed, shovel a slight twist, the material is scattered in leaving it and the efficiency of the mixing is much in-

This method applies where broken stone, rock and gravel are used as filler. Where gravel and sand may be obtained mixed naturally in about the right proportions, this material is mixed directly with the cement, wetted and rammed into the work it is redays. The funds set aside in it for agriculture and forestry amount to £200,000 which ought to this year. So far the females have excelled the do something to develop education although males in merit. The brood mare classes at the probably you folks in Canada would not regard three principal spring shows have filled well, foot or so at the ends for handles. This box should held enough for one batch. It is also the forest of the female species in two held enough for one batch. It is also the forest of the female species in two held enough for one batch. It is also the held enough for one batch. It is also the female species in two held enough for one batch. It is also the female species in two held enough for one batch. It is also the female species in two held enough for one batch. It is also the female species are being shown in goodly numbers crete for farm use. A smooth light platform is laid down, the bottom knocked out of a convenient sized box and pieces nailed along each side and projecting a probably you folks in Canada would not regard three principal species in two held enough for one batch. It is also the female species are being shown in goodly numbers crete for farm use. A smooth light platform is laid down, the bottom knocked out of a convenient sized box and pieces nailed along each side and projecting a probably you folks in Canada would not regard three principals species in two plants are the female species and the properties of the female species are the first plants are the female shown in goodly numbers crete for farm use. A smooth light platform is laid down, the bottom knocked out of a convenient sized box and pieces nailed along each side and projecting a probably you folks in Canada would not regard three principals are the female shown in goodly numbers and the plants are the female shown in goodly numbers are the female shown in g quired for. This is the usual method in mixing conknown so that the cement to mix with it may be get the silk gown we are quite pleased to have dark brown, five-year-old mare, Veronique by the sleeve. What we want in this Old Country Montrave Ronald. She has a nice foal at foot form, the cement scattered over it, and the mass is a more equable temperature, an increase of by Silver Cup. The stallions of all ages are mixed twice dry. Then the material is drawn from landlords having cash and willing to spendit, bigger that usual. The champion at Kilmarnock the center and heaped around the edges and sufar a race of farmers who would not despise education was the Messrs. Montgomery's unbeaten Fyvie ficient water put on to take up all the dry gravel and

> The results of the spring examinations at the Ontario Agricultural College, have just been reported. Among those from the Western Provinces who have