Rave been made since the stations started their work.

Experiments with Cereals.
The Maryland Experiment Station has been conducting a series of experiments with cereals, from which they draw the following conclusions: eat for a period of six years. Puts loads, with an average yield of 31.5 bushels, followed by Currell's Prolife, yielding 35.2, Wisconstn Triumph 34.9 bushels, and Valley 33.7 bushels.
2. Promising varieties of later introduction are Beal, Rocky Mountain. The conclusion of the production of the conclusion of the c

ted was Virginia Gray, yielding 48.8 thels per acre.

The most favorable time for seed-winter cats in this latitude seemed be about September 1.

The hot water treatment of barley d was effective in preventing smut; reasing the yield 16 per cent.

seed was elective in preventing smut; necessing the yield if per cent.

No Overpreduction of Apples.

No Overpreduction of Apples.

The fear of an over-production of apples has been prevalent for a generation or more, yet we seem no nearer to the predicted over-production than before. It may be possible to over-been the predicted over-production than before. It may be possible to over-been the second of t

been produced to a far greater ex-than any other variety. If there is possibility of over-production it id appear that it must long ago been reached with the Ben Davis. fact that the market has been able

FARM AND GARDEN, tain climatic condition must continue to supply the bananas, so the countries of a climatic condition suitable to sup-MATTERS OF INTEREST TO

to supply the bananas on the countries of the groduction of this fruit. As the possibilities of chesp earriage increase as will the communitation of the countries as are some wouthern fruits in the northern countries as are some wouthern fruits in the northern countries as are some wouthern fruits in the northern countries as are some wouthern facts of the countries that woll countries that when countries and the countries that on the cou

chards, it will thus be found to be beneficial under some circumstances.

Disinfertion of Stock Quarters.

There is no doubt that much disease
i mong stock might be prevented by
proper disinfection of all quarters after every kind of disease. This should
be done whether the disease is known
to be contagious or not. Most of the
sare not recognized by the farmers.
The horses, the sheep, the cattle and
the hogs have their turns of being indisposed. They get sick and get well
sgain. No veterinarian is called, nor
can we expect to have one called when
can be expect to have one called when
factced. Novertheless it is often the
case that the very trouble that we
reat so lightly and that soon disappears is a mild form of some terribdisease, that were it to appear in
our stock. For this reason it is well
to thoroughly disinfect after every
outbreak. Take out the stock and give
the barns a thorough cleaning, using
solutions of sulphuric acidl in some
the barn or stables. In this way a
stop may be placed on the progress of
the disease. But the farmer will never
know how much he has gained by this.
It must take up the work on faith.
When the disease is the world in the
absence of the disease anakes him
feel that perhaps it would not have
ome anyway, even if he had not taken

on such work from scientific reasons.

The florticultural Experimenter—
Very few people appreciate the difficultural responses to the control of the control be successful in this line of human of fort who is carciess, slovenily and loose as a practitioner. No person ever be-cime a successful horticulturist who could deal only in large results. The matters in the conduct of the conduct ment is paving the way for a failure. Wherever a large measure of success has been attained in the practice of this profession, all those who look be-neath the surface will see that the re-tained in the profession of the conduction of the dividual to measure details at their waite.—James Cassidy.

Basic Siag.—Basic ular (Thomas siagor of siag meal) is a wante product on contained in the manufacture of sicel. It contains relatively more lime than the ordinary high grade phosphates, and phosphorts cated in most cases (a few works have put an inferior product on the European market) is possessed of a high degree of assimilability. This product is a yet little known in this country, but if sold as cheaply as it are not seen to be a similability of the product of the similar product is a relative to our agriculture. It is an effective source of phosphoric acid for use upon all kinds of solis, and on account of its lime it is of special promise in the reclamation of exhausted acid, soils, particularly such as are rich in organic matter, like many marsh or mecky soils. Basic Slag.—Basic slag (Thomas slag or slag meal) is a waste product ob-

Superphosphate.—In natural or un-treated phosphates the phosphoric acid is insoluble in water and not readily available to plants. Superphosphate is prepared from these by grinding and treating with sulphuric acid, which able to plants. Superphosphate as sometimes called acid phosphates. As-moniated superphosphate is the trade name for a mixture of a superphos-phate with some material supprises.

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No. 2.

No. 3.

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No. 10.

No. 11.

No. 13

No. 14

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