- 5. To prevent egg-eating, which follows the laying of eggs with soft shells.
- 6. By the regular feeding of meat and keeping the fowis in active exercise to prevent feather eating, generally caused by the omission of both.
- 7. To prevent the acquiring of the bad practices named, the cure being very difficult.
- 8. To furnish the hens, as nearly as possible, with what they can pick up for themselves when running at large outside, such as: insects, in the shape of ground meat; grit (to aid digestion), in the shape of gravel and broken oyster shells; lime, in the shape of ground oyster shells; green stuff, in the shape of clover hay (steamed), cut short and mixed in soft feed, carrots, cabbage, turnips, &c.

At noon, when grain was given, oats were fed in small quantity.

For the afternoon ration wheat was given, with barley (occasionally), mixed in equal quantity. Vegetables, such as carrots, mangels and turnips, were kept always on the floor of the pens. little cabbage was fed during the winter.

The rations, as aforementioned, were fed to the following stock in the main building:-

<del>-</del>	Pullets	
Plymouth Rocks	. 11	I 2
Brahmas	. —	10
Langshans	—	4
Buff Cochins	. —	8
White Leghorns	. 10	9
Wyandottes	. 9	4
Andalusians	. 8	6

Among this stock will be noticed numerous hens, some of them old hens, so-called because they were over two years, and kept for breeders and sitters during the coming season. As there was no alternative, they were placed with the pullets, a practice to be avoided when possible, for the reason given in report of last year, "that the ration

would likely make the hens too fat to

The effect in eggs of the rations on the pullets and hens is given as follows:-

	From 9th Dec.	Jan.	Feb.
11 Plymouth Rock pullets.	. 74	105	50
5 " hens	. 25	18	15
9 White Leghorn pullets	. 8t	112	124
8 " hens	. 16	20	18
9 Wyandotte pullets	. 29	50	99
4 " hens	. 15	22	15
5 Buff Cochin hens	17	40	22
4 Langshan hens	. 7	21 1/2	<b>5</b>
8 Brahma hens	. 4	13	11
9 Houdan Hens	•	2	10

It may be said that the showing is not a good one for the number of stock, but it must be borne in mind that the feeding was only experimental. result, however, is striking proof of the great value of pullets over old hens as revenue producers, under the same conditions as to housing, care and The superiority of young feeding. stock over old has long been known to experienced poultry keepers, but the fact is appreciated by comparatively few farmers. The conclusions to be arrived at from the experiments are:-

- 1. That no hens should be kept Because, after that over two years. age they moult so late that the prospective profit is eaten up before they be gin to lay.
- 2. No soft-shelled eggs were laid by the pullets, showing that they are not as likely to do so as the old stock; that the daily mixing of coarse sand, fine gravel and sifted oyster shells in small quantities has a preventive tendency.
- been eaten, to date of writing, the regular supply of ground meat mixed in soft feed is to be recommended.
- ed daily in the hot morning ration. Brahmas, Cochins and several Plywhich would go to eggs in the pullets mouth Rock hens, its use was given up. winter eggs he must not keep his lay-

- 5. The feeding of vegetables, viz., carrots, mangels, turnips, &c., &c., in generous quantity, had the effect of keeping the hens in excellent condition, and is necessary for the produc. tion of eggs.
- 6. Scattering the grain food among the straw and chaff always on the floors of pens, kept the fowls (particularly the young ones) active. grain food should not be fed in too great quantities.

AS MUCH RANGE OR ROOM AS POSSIBLE.

While on the subject of winter laying it may be stated that the layers do better when they can enjoy as much freedom as possible. Many farmers have their poultry houses so situated that with very little trouble or expense they can so arrange as to allow their fowls, access to a barn, stable or enclosed shed, where gravel, sand, coal ashes or other substances may be found for the hens to scratch in. Fowls so situate 1 are not likely to give trouble in the way of eating eggs or feathers or laying eggs with soft shells. But there are others, and perhaps the great majority, who can only allow their laying stock limited quarters from the time of shutting in until the warm spring sun makes bare the earth again. such persons that the results of the experiments enumerated above and the experience gained as to the breeds which stand confinement best will be of most value.

BREEDS WHICH HAVE LAID BEST IN WINTER.

The experience of the past four win-3. That no eggs nor feathers having ters proves that the breeds which are often stated to be the most unsuited to cold climates lay the best. It is often said by the inexperienced, or the pre-4. A small quantity of salt was mix. judiced, that fowls with large combs are not suited for winter layers, bebut as it created looseness among the cause their combs will freeze. If anyone wishes to make revenue from his