

times fowls that have strong vitality, and are well housed and cared for, will throw off the cold and recover in a few days without any medicinal treatment; but in the majority of cases the disease, if not treated in the first stage, when it is nothing but a cold, progresses rapidly to the second stage, when the hoarseness and rattling in the throat become more pronounced; the patient shows fever and weakness, the eyes are more inflamed and watery, the discharge from the nostrils grows yellow and thickens and becomes offensive as the disease progresses. In the third and last stage the fowl is very weak, the nostrils are clogged with thick, offensive matter, the head swells, one or both eyes are closed, ulcers form in the throat, and sometimes around the eyes, the comb turns black, and the fowl dies. Sometimes the roup appears in the violent form at first, the

cured enough to 'make a live of it,' it will be so enfeebled and broken down that it will not be worth the medicine it will take to cure it, to say nothing of the time. No roup fowl on earth was, or ever will be, worth all the time, trouble, and drugs it takes to cure it after the disease has reached what one poultry-raiser aptly termed the 'stinking stage.'

"The time to cure roup is before the fowl really has it; *i.e.*, before the cold 'settles' into roup. As I before remarked, every case of cold may not settle into roup, but it is safe to assume that every fowl that has a cold is liable to have the roup, and so proceed to get ahead of the roup by curing the cold."

The following remedies are taken from *Farm Poultry*.

"A remedy for a sneezing cold, which we have



A Group of Light Brahmas.

The property of The Ontario Agricultural College. These birds are considered by competent judges as excellent specimens of their variety.

first noticeable symptoms being great swelling of the head and around the eyes; and sometimes it commences in the throat. When it first appears in such violent form it usually kills quickly.

"From my experience with roup I don't believe that it is worth while to doctor a roup fowl after the disease has fairly settled in the fowl's system. Fowls that have a cold in the head, or even slightly swelled eyes and head, and some canker in the throat, can be cured if taken in hand in time; but when the head is very much swelled, the eyes sore and closed, the appetite gone, and the nostrils fairly clogged with matter that is so offensive you can smell it a rod away, the sooner you kill that fowl the better all round; for, even if a fowl in that stage of roup can be

found efficacious, is as follows: A tablespoonful of clean lard, half a tablespoonful each of ginger, cayenne pepper, and mustard; mix well together, and then add flour till the whole has the consistency of dough; roll into slugs about the size of the top joint of the little finger, and put one down the patient's throat. The dose can be repeated in twelve or twenty-four hours, according as the case seems to need it; but one slug frequently cures, if the case is taken in time.

"For swelled head we bathe with a glycerine turpentine lotion and for sneezing cold and swelled head combined use lotion and remedy mentioned above; if the patient does not show signs of improvement within three days after beginning the treatment, take off its head and bury