



EXPERIMENTS WITH GESE.

(Continued.)

The smallest eggs were laid by a typical brown China goose in pen No. 6, the average weight being only 4.789 ounces. The eggs laid

Chinas together was practically an ounce less than the average weight of the eggs laid by the African, Embden, and Toulouse breeds.

INCUBATION AND HATCHING.

When a sufficient number of eggs from most of the yards had been obtained to make a setting for one or more hens, incubation began. Broody hens were purchased and provided with nests in boxes, to which they could be confined, and from which they were released daily to get food and

so far as possible. Within ten days after setting the hens the eggs were tested in the ordinary way, by holding them before a bright light, all infertile ones removed, and the fertile eggs concentrated under a less number of hens. Only eggs of one number were allowed under a single hen, that there might not be any difficulty in identifying the goslings hatched, and marking them to correspond with the pen number on the eggs. In order that as many different kinds of eggs might be set at one time as possible, so as to have the goslings of the same age, for the purpose of comparing the growth, some eggs were kept longer than they should have been before setting them. It was originally planned to set the eggs every ten days, but some difficulty in securing enough broody hens at the proper time caused a longer period to elapse between the setting in most instances.

by the Africans were most uniform in size and shape and had the greatest average weight.

Eggs laid by the Embdens were next in average weight to those laid by the Africans, and the Toulouse geese laid eggs a little lighter in average weight than the Embdens, and, therefore, rank third in respect to the size of eggs. Brown China geese eggs averaged a little less in weight than those from white Chinas. The average weight of eggs from both brown and white

water, and occasionally a dust bath. Five goose eggs were given to each, care being taken to keep those of the same yard together

TABLE II.—Record of Weights of Eggs Laid by Geese in 1896.

Yard No.	MATING.		No. of Females.	Total No. of eggs weighed.	Total weight, ounces.	Average weight, ounces.	
	Male.	Female.					
7	Toulouse,	Embden.....	2	21	121	5.761	Average weight of 194 Embden eggs, 6.556 ounces.
8	African,	Embden.....	2	26	159	6.115	
9	Brown China,	Embden.....	4	89	587	6.595	
13	White China,	Embden.....	1	17	109	6.411	
19	Embden,	Embden.....	2	41	296	7.219	
	Totals.....		11	194	1,272		
1	Toulouse,	African.....	2	30	180	6.	Average weight of 136 African eggs 6.654 ounces.
5	Brown China,	African.....	2	38	256	6.736	
15	Embden	African.....	2	28	192	6.500	
17	African	African.....	3	40	277	6.925	
	Totals.....		9	136	905		
3	Embden,	Toulouse.....	2	59	341	5.779	Average weight of 210 Toulouse eggs, 6.257 ounces.
4	African,	Toulouse.....	2	40	260	6.500	
14	Brown China,	Toulouse.....	2	78	507	6.500	
21	White China,	Toulouse.....	2	33	206	6.242	
	Totals.....		8	210	1,314		
2	Embden,	Brown China.	2	42	226	5.380	Average weight of 201 Brown China eggs, 5.450
6	Brown China,	Brown China.	1	19	91	4.789	
11	Toulouse,	Brown China.	2	61	331.5	5.434	
12	African,	Brown China.	2	79	447	5.658	
	Totals.....		7	201	1095.5		
10	Embden,	White China.	2	28	142	5.071	Average weight of 121 White China eggs, 5.545 ounces
16	White China,	White China.	2	51	300	5.882	
20	Toulouse,	White China.	1	42	229	5.452	
	Totals.....		5	121	671		

AFRICAN GESE

25 Finest Young African Geese, \$5 each. Pick of the lot for exhibitions, \$8 each. A few old breeders, fair quality and heavy; also few Embdens, young and old, at same price to close out; 50 common market breeding geese that were great producers last season, and will probably do better this, at \$5 pair; or male and four females now for \$12. Spare ganders, all varieties, on short notice. Fair African ganders that will mate promptly with any geese, \$3, \$4, \$5. Won 1st and 2nd on all three varieties at Boston, 1892; 1st and 2nd on all three at last Brockton fair, and R. I. State fair. In strong competition; 1st on African and Embden at last New Bedford and South Framingham shows; 1st and 2nd on Toulouse geese, and 2nd and 3rd on Toulouse ganders; 2nd and 3rd on Embden ganders, and 3rd and 4th on Embden geese at Boston, 1900. Eggs for hatching from finest old geese, either variety, March 1st to May 15th at \$4 per hen setting of five eggs. Eggs from young geese, same varieties, if we have them, \$2.50 for five from common market geese, \$1 for five. No guaranty, but old stock has been on the place two seasons without change; have stream to swim in every day of the year; winter has been most favorable, and chances are unusually good for success. None but cash orders booked. Inspect stock at the fair West Mansfield, Mass., or write. 100 SAMUEL CUSHMAN, Pawtucket, R. I.