

Table I
Mean Weights and Gains in Ounces for Six Experimental Weeks

| | Group A | | Group C | |
|----------------|---------|------|---------|------|
| | Weight | Gain | Weight | Gain |
| Initial weight | 18.17 | | 18.18 | |
| End of week 1 | 23.92 | 5.75 | 23.91 | 5.73 |
| End of week 2 | 29.42 | 5.50 | 29.45 | 5.54 |
| End of week 3 | 35.25 | 5.83 | 35.00 | 5.55 |
| End of week 4 | 42.17 | 6.92 | 40.55 | 5.55 |
| End of week 5 | 48.33 | 6.16 | 47.09 | 6.54 |
| End of week 6* | 52.25 | 3.92 | 51.54 | 4.45 |

| | Group B | | Group D | |
|----------------|--------------------|------|---------|------|
| | Weight | Gain | Weight | Gain |
| Initial weight | 33.50 | | 33.60 | |
| End of week 1 | 38.30 | 4.80 | 37.00 | 3.40 |
| End of week 2 | 42.80 | 4.50 | 41.30 | 4.30 |
| End of week 3 | 49.60 | 6.80 | 45.50 | 4.20 |
| End of week 4 | 55.20 | 5.60 | 50.50 | 5.00 |
| End of week 5 | 57.40 ^x | 2.20 | 54.30 | 3.80 |
| End of week 6* | 61.10 | 3.70 | 56.80 | 2.50 |

* This final week was shorter by one day than the other weeks, since the yellow pellets were exhausted one day before the scheduled weighing day.

^x When weighed on the usual day, this group was found to be substandard in weight. An investigation showed that there had been an accident to the wire on one side of the cage which rendered the water supply inaccessible for perhaps twelve hours. The difficulty was repaired and the birds were reweighed the following day. This recorded average is for the second weighing. The feed record for this week is also based on the second day's computations.