

# Vitapol Feed Test

## Laying hen

Company: **PaMiRa Group, Kruczyn (PI), Marius Pachura**  
a family owned integration with over 3 million layers

Start of the test: **18.02.2013.**

Test length: **43 days**

Animals: **Lohman Brown 73 week old, moulted**

Technology: **One stable, kage technology, two separate feed silos and feeding rounds.**

Feed: **the feed of the Vitapol group contained 1% (10 kg/t) Vitapol pulvis. No other changes in the feed was made.**

Number of animals (aprox.): **Vitapol group: 19200, Control group: 19200**

| Date | VITAPOL: 19200 hen |                |                   |                 | CONTROL: 19200 hen |              |                   |                 |
|------|--------------------|----------------|-------------------|-----------------|--------------------|--------------|-------------------|-----------------|
|      | Mortality peace    | feed usage (t) | Broken eggs peace | Egg count peace | Mortality peace    | Feed usage t | Broken eggs peace | Egg count peace |
| 1.   | 19                 | 2,85           | 399               | 16 768          | 39                 | 0            | 360               | 16200           |
| 2.   | 13                 | 5,70           | 627               | 15 798          | 18                 | 4            | 540               | 15780           |
| 3.   | 7                  | 6,65           | 428               | 16 283          | 17                 | 6            | 420               | 16230           |
| 4.   | 7                  | 0,00           | 342               | 16 197          | 9                  | 9            | 360               | 16260           |
| 5.   | 5                  | 0,00           | 371               | 16 910          | 15                 | 0            | 390               | 16620           |
| 6.   | 0                  | 0,00           | 314               | 15 627          | 0                  | 0            | 330               | 15720           |
| 7.   | 0                  | 0,00           | 342               | 18 165          | 0                  | 0            | 360               | 16590           |
| 8.   | 20                 | 4,75           | 399               | 16 568          | 20                 | 5            | 360               | 15780           |
| 9.   | 8                  | 5,70           | 371               | 16 311          | 7                  | 0            | 360               | 16920           |
| 10.  | 6                  | 0,00           | 285               | 15 028          | 9                  | 5            | 450               | 16440           |
| 11.  | 7                  | 4,75           | 342               | 17 366          | 8                  | 0            | 240               | 14880           |
| 12.  | 6                  | 1,90           | 257               | 14 486          | 6                  | 5            | 330               | 14070           |
| 13.  | 0                  | 1,90           | 285               | 18 165          | 0                  | 3            | 360               | 17640           |
| 14.  | 0                  | 1,90           | 342               | 15 342          | 0                  | 2            | 690               | 15630           |
| 15.  | 16                 | 0,00           | 399               | 17 480          | 13                 | 0            | 330               | 18330           |
| 16.  | 5                  | 4,75           | 285               | 16 283          | 8                  | 5            | 330               | 16290           |
| 17.  | 7                  | 0,00           | 285               | 15 513          | 8                  | 0            | 300               | 14640           |
| 18.  | 4                  | 4,75           | 257               | 12 576          | 5                  | 5            | 270               | 11640           |
| 19.  | 10                 | 0,00           | 314               | 17 281          | 8                  | 5            | 300               | 17310           |
| 20.  | 0                  | 4,75           | 371               | 18 536          | 0                  | 5            | 300               | 17490           |
| 21.  | 0                  | 0,00           | 656               | 17 281          | 0                  | 0            | 300               | 16380           |
| 22.  | 13                 | 4,75           | 342               | 16 340          | 17                 | 5            | 300               | 16710           |
| 23.  | 7                  | 0,00           | 371               | 16 254          | 9                  | 0            | 330               | 16680           |
| 24.  | 6                  | 4,75           | 399               | 15 884          | 5                  | 5            | 450               | 16200           |
| 25.  | 3                  | 0,00           | 342               | 16 254          | 5                  | 0            | 390               | 16140           |
| 26.  | 5                  | 4,75           | 228               | 16 083          | 4                  | 5            | 330               | 15840           |
| 27.  | 0                  | 0,00           | 342               | 15 114          | 0                  | 0            | 270               | 15630           |
| 28.  | 0                  | 4,75           | 314               | 15 741          | 0                  | 5            | 270               | 16560           |

|       |     |       |        |         |     |    |       |        |
|-------|-----|-------|--------|---------|-----|----|-------|--------|
| 29.   | 9   | 0,00  | 257    | 19 163  | 16  | 0  | 180   | 19830  |
| 30.   | 8   | 2,85  | 285    | 16 140  | 10  | 0  | 330   | 15690  |
| 31.   | 6   | 0,00  | 371    | 15 741  | 3   | 0  | 330   | 16260  |
| 32.   | 5   | 0,00  | 314    | 15 228  | 5   | 0  | 120   | 15600  |
| 33.   | 5   | 4,75  | 285    | 15 199  | 3   | 5  | 240   | 15660  |
| 34.   | 0   | 0,00  | 342    | 15 456  | 0   | 0  | 360   | 17280  |
| 35.   | 0   | 0,00  | 285    | 16 140  | 0   | 0  | 270   | 16680  |
| 36.   | 11  | 4,75  | 399    | 16 967  | 13  | 5  | 480   | 15180  |
| 37.   | 5   | 0,00  | 371    | 15 684  | 13  | 0  | 360   | 16440  |
| 38.   | 4   | 9,51  | 285    | 15 684  | 0   | 10 | 360   | 15390  |
| 39.   | 9   | 0,00  | 342    | 15 484  | 14  | 0  | 360   | 15780  |
| 40.   | 4   | 2,85  | 428    | 15 627  | 6   | 0  | 420   | 15960  |
| 41.   | 0   | 0,00  | 485    | 14 857  | 0   | 0  | 450   | 14520  |
| 42.   | 0   | 0,00  | 399    | 15 998  | 0   | 0  | 390   | 16020  |
| 43.   | 0   | -0,25 | 371    | 15 884  | 0   | 0  | 450   | 15600  |
| total | 240 | 93,85 | 15 228 | 694 884 | 313 | 99 | 15120 | 692490 |

total ratios **1,25%** 1,63%  
 difference  
 VP/Cont **-0,38%** **-5,15** **+2 394**

**The test showed a 23,3% (73 hen) decrease in mortality for the Vitapol group!**

**Feed usage was reduced due to Vitapol by 5,15 tonnes (appr 5,2%)!**

**The total egg production was 2394 peaces more for the Vitapol group at the end of the test!**

