

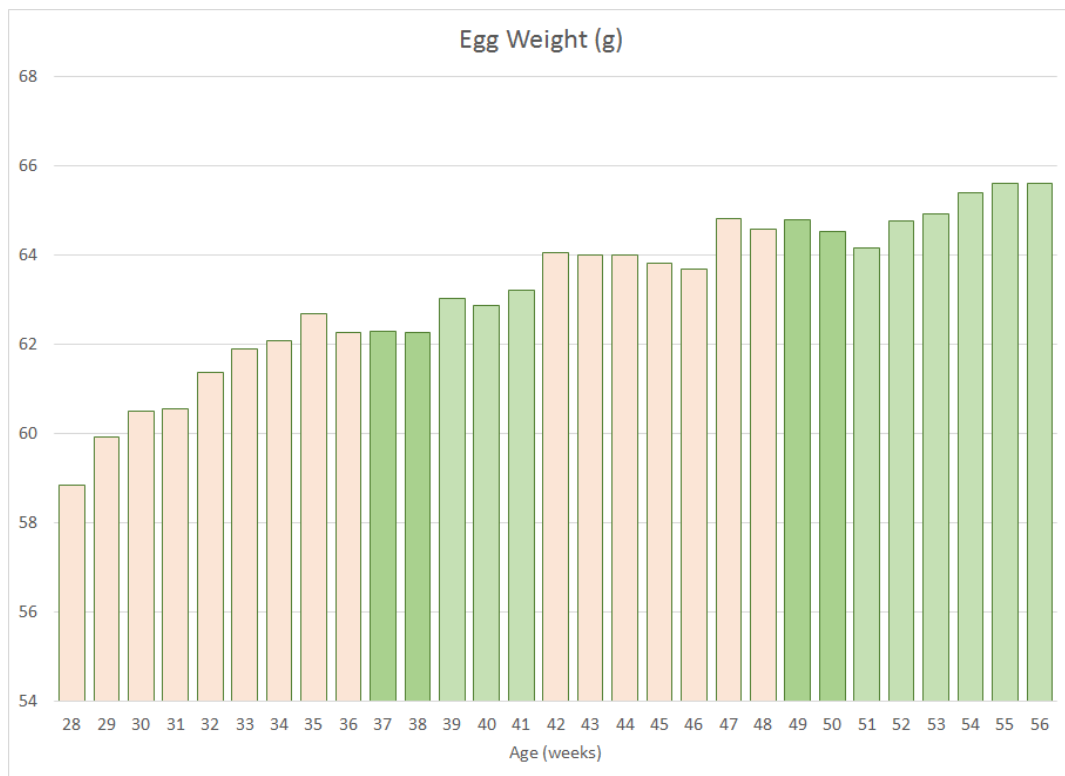
Netherlands: BioAktiv Boosts the Performance of Layers

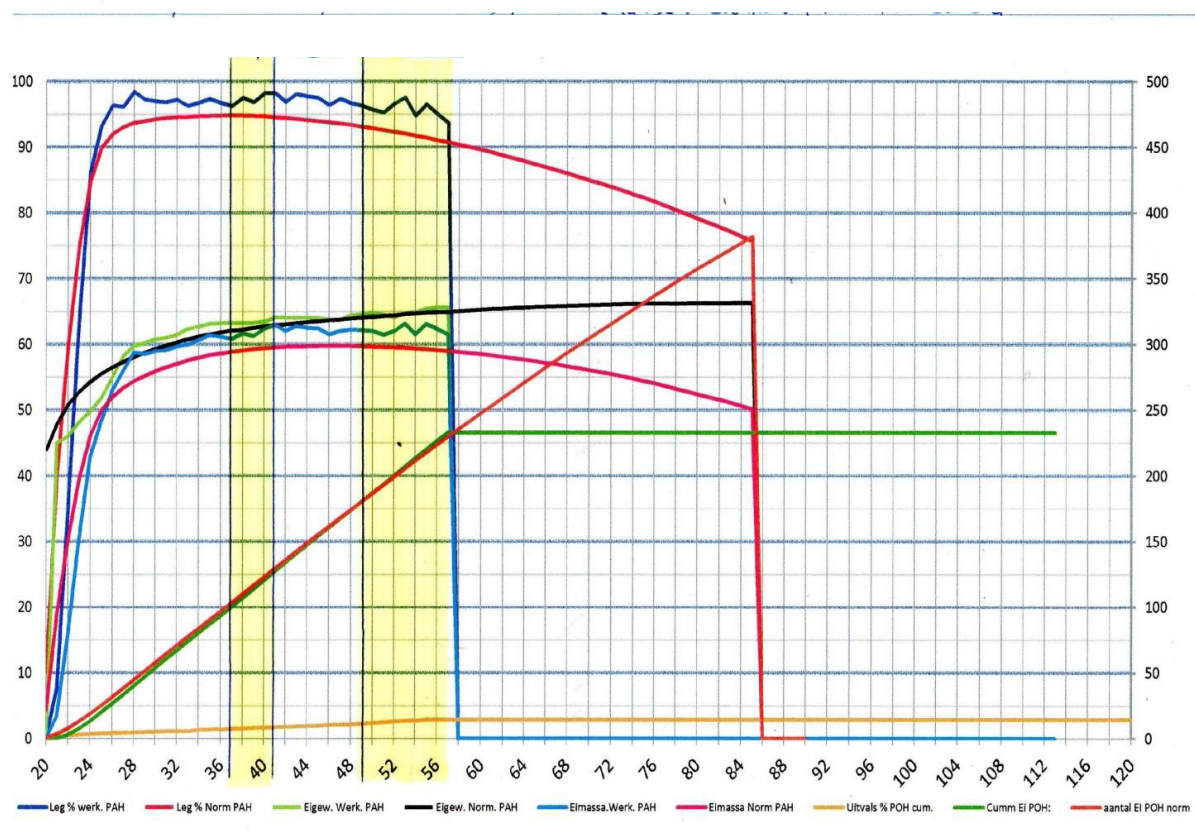
Netherlands BioAktiv distributor Topturn Agro conducted a study at Kempfarm double-deck layer farm in Leunen. The study started on 11 October 2012 with 34,560 LSL Class (white) breed layers, on the top deck, when they were 28 weeks old. The hens were fed BioAktiv for Animal Feed-G (200 g per tonne of feed) and BioAktiv Salis-G (1 kg in 10,000 litres of drinking water) according to the following schedule:

- Week 28-36: No BioAktiv used
- Week 37-38: BioAktiv for Animal Feed-G + BioAktiv Salis-G
- Week 39-41: BioAktiv for Animal Feed-G
- Week 42-48: No BioAktiv used
- Week 49-50: BioAktiv for Animal Feed-G + BioAktiv Salis-G
- Week 51-56: BioAktiv for Animal Feed-G

The following table and chart show the daily average egg weight over the study period.

Age (weeks)	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
BAF-G										●	●	●	●	●								●	●	●	●	●	●	●	●
BS-G										●	●											●	●						
Egg weight (g)	58.83	59.91	60.50	60.55	61.38	61.90	62.09	62.68	62.26	62.30	62.27	63.02	62.88	63.22	64.05	64.01	64.00	63.82	63.68	64.81	64.58	64.80	64.52	64.15	64.76	64.93	65.41	65.60	65.60





The chart above shows the performance of the layer hens in the study. The [two]¹ red and one black lines are performance standards [for layer performance, egg mass and egg weight respectively] given by the breeder of LSL Class (white) layers, Longmann Tierzucht. A few days after the hens were first fed BioAktiv in week 37, their feed consumption increased from 114 to 122 g/day, followed by better layer performance (top blue line) and a marked increase in egg weight (middle light green line). The body weight of the hen rose to the desirable 1,640 g. The same effects were observed when the hens were fed BioAktiv the second time in week 49. Not using BioAktiv from week 42 to week 48 was for comparison purpose, All the layer performance, egg weight and egg mass were above the performance standards clearly indicated that the BioAktiv products had worked in boosting the performance of the layer hens.

The layer farmers also observed the following benefits after using BioAktiv:

- The hens were more relaxed
- Better feed conversion
- Improvement on digestion
- Fewer losses



[\[Original report\]](#)

¹ The phrases in [] are assumptions. They were not mentioned in the origin report,