REPORT: PARTIAL RESULTS REGARDING THE USE OF SANIGUT

Responsible:

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Date: 22/05/2013

The analysis in "Granja Ono" began on April 18th 2013, data were recorded every seven days, accordingly with the experimental protocol.
The results of Treatment A (with SANIGUT) and B (without SANIGUT), each analysis, are shown in the Table 1.

Table 1 – Average scores obtained on the evaluation of feces consistency on each treatment, where "0" means feces obtained were liquid and "5" feces obtained extremely dry.

DATE	TREATMENT A	TREATMENT B
18/04/2013	3	3
25/04/2013	2.5	3
03/05/2013	3	3
06/05/2013	3	3
16/05/2013	3.5	3.5
23/05/2013	3.5	3.5

Table 2 – Performances (egg production percentage) and dirty egg percentages obtained on each treatment

	Percentage of egg production			Percentage of dirty eggs	
DATE	TREATMENT A	TREATMENT B	Standard Lineage	TREATMENT A	TREATMENT B
18/04/2013	91,49	91,34	92,70	2,2	1,99
25/04/2013	91,37	90,94	92,50	2,18	1,79
03/05/2013	90,01	82,35	92,20	1,73	2,12
09/05/2013	93,9	88,82	91,90	1,56	2,29
16/05/2013	92,8	74,68	91,60	4,17	5,14

Table 3 - Averages of treatment A (A) and B (B), obtained on each analysis realized through a device DET 6000

DATE	Egg weight (g)		Albumen height (mm)		Haugh unit		Shell Resistence (Kgf)		Shell thickness (mm)	
	A	B	A	B	A	B	A	B	A	B
18/04/2013	64,2	64,2	7,1	6,7	82,0	78,9	4,65	4,47	0,48	0,48
25/04/2013	62,7	61,2	7,1	7,4	80,8	85,1	4,72	4.39	0,44	0,44
03/05/2013	64,0	63,5	7,4	6,2	83,8	74,2	4,53	4,08	0,42	0,42
09/05/2013	64,8	65,0	7,3	6,9	83,4	80,6	4,15	4,52	0,44	0,45
16/05/2013	67,0	66,0	6,9	6,5	80,1	76,8	4,17	4,46	0,42	0,43
23/05/2013	65,4	63,8	6,9	6,8	80,6	79,0	4,56	4,38	0,42	0,41

During the necropsy, no discrepant differences were observed between groups, except for 1 hen on treatment B showing tonsil cecal hypertrophy and petechiae (haemorrhagic points), a case like this may occur after vaccination reaction, for example. The images below show the appearance of the intestinal tract on each treatment:

TREATMENT A





TREATMENT B





Conclusion:

After the data presented, apparently no differences were observed on feces quality between treatments.

Regarding the percentage of egg production, it appears to be higher on treatment using the product SANIGUT.

Apparently, the main benefit was the reduction of dirty eggs percentage because of feces.

Regarding egg quality, apparently no benefit was recorded related to the product consumption.