

Location: NOBLE R&D FARM • Period 11th Nov 2017 – 23rd Dec 2017

EFFICACY OF VITC

Scientific field trial was conducted at Noble R & D Farm, Pune to study the efficacy of VitC against synthetic coated Vitamin C. Pelleted feed containing VITC and Synthetic Vitamin C was given to the birds from day 1 to 42 days.

Blood samples were collected on 9th, 18th and 36th day and send to Laboratory for analysis. The original reports are enclosed with this trial. The observation details are as follows- Trial was conducted from.

*All fig mg/dl

GROUP	A	B	C
Type	VitC (Noble)	Synthetic 50%	Control
Day 9	0.7	0.9	1
Day 18	0.7	0.6	0.5
Day 36	0.7	0.5	0.6

Observations

1. The normal range of Vitamin C in poultry should be 0.6 - 1 mg/dl. From the above trial it has been concluded that with use of VitC through pelleted feed the blood levels are maintained at 0.7 mg/dl.
2. Synthetic vitamin C is highly unstable, so the vitamin C levels in blood were high during first 10 days, however a sharp decline was observed thereafter
3. In case of control group, sharp decline of vitamin C was observed after 9th day Vitamin C

References

1. Lab test was conducted on 9th Day (on 25th November 2017) at PLUS Pathology Laboratory, Pune by Dr. Manish Beri. Ref No: 5403-3
2. Lab test was conducted on 18th Day (on 1st December 2017) at PLUS Pathology Laboratory, Pune by Dr. Manish Beri. Ref No: 5462-1
3. Lab test was conducted on 36th Day (on 19th December 2017) at LOKSEVA Pathology Laboratory, Pune by Dr. Prashant N Patil. Ref No: 20171211049