



ANTIV[®]

NATURAL IMMUNOMODULATOR AND ANTIVIRAL

Immunity build up is very essential in birds. The immune system is designed to recognize the cells that make up the body and repel and kill foreign invaders. These foreign invaders are bacteria, virus, fungi and other stressful conditions that are continuously breaking down the birds natural immunity. To enhance this natural immunity of the bird, certain Immunomodulators need to be given regularly.

NOBLE LIFESCIENCE, SINGAPORE has formulated ANTIV to strengthen the immune system of poultry, based on the breakthrough Science of Life Energy through extensive research trials and experiments.

Salient features

- Extremely effective during any kind of stress
- Improves immunity thereby reduce mortality and improve performance
- Regular use prevents recurrence of infection
- Helps the bird to recover faster during disease outbreaks
- Helps to improve the antibody titre after vaccinations
- Helps to repair the damaged epithelial tissues
- Anti-inflammatory activity

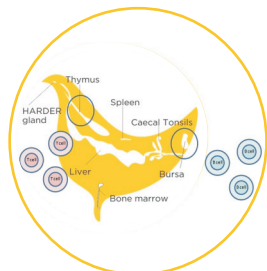
Formulated using

Phytogenic extracts of Aegle marmelos (Bael), Ginkgo biloba (Ginkgo), Allium sativum (Garlic), Curcuma longa (Turmeric). Fortified with natural vitamins and minerals.

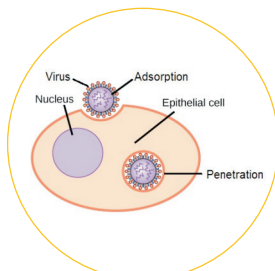


Mode of action

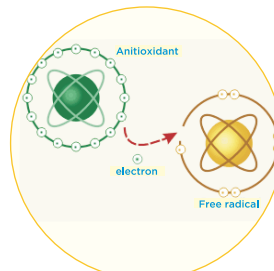
- ANTIV helps in strengthening the immune system, improving production of T cells, B cells, macrophages, phagocytes and immunoglobulins
- Inhibits adsorption and penetration of viruses into the cell. Thus reduces viral loads inside the body
- Strong antioxidant, neutralizes free radicals and also stimulates body's own antioxidant enzymes
- Reduces inflammation caused by various conditions



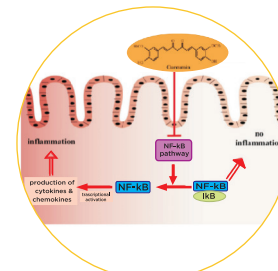
Improves production of T and B cells
(Aegle marmelos and Allium sativum)



Inhibits adsorption and penetration of viruses
(Allium sativum and Curcuma longa)



Neutralizes free radicals
(Ginkgo biloba and Allium sativum)



Reduces inflammation
(Ginkgo biloba and Curcuma longa)

Scientific Field Trial - ANTIV as a Immunomodulator in comparison with Control group

Group	Treatments	Results		
A	No ANTIV	A		B
B	ANTIV -	ND (HA HI	0x15, 8x1, 16x2, 32x2	0x2, 8x3, 16x7, 32x8
	Chicks (0-2 wks) - 5 ml/ 100 birds x 3days Broiler (3-6 wks) - 10 ml/ 100 birds x 3days	titres)		
		IBD (ELISA)	1382 (48 CV)	1650 (30 CV)

Conclusion - ND and IBD titres revealed improved immune response in ANTIV group as compared to Control group

Application

Should be used

- Routinely in feed or water
- During stress
- One day before & two days post vaccination

Usage

PREVENTION In water -

- First 3 days of brooding
 - Thereafter repeat every week for 3 days
- Chicks - 5ml / 100 birds
Growers / Broilers - 10ml / 100 birds
Layers / Breeders - 15ml / 100 birds

DURING DISEASE OUTBREAK In water -

20ml / 100 birds for 10 days

Pack size

100 ml
500 ml
1L
1Kg
5Kg