

Building the future

نبني المستقبل

Animax

    ManaseerG

www.manaseergroup.com

Fungus

Produce toxins on plants in the field and during storage

- Reduce the feed quality
- Affect animal health
 - Reduce animal productivity
- Affect the quality of the product which will affect human health.



Introduction

Risk Level i

● 0 - 25%
 ● 26 - 50%
 ● 51 - 75%
 ● 76 - 100%



ZEN



Afla



DON



FUM



T-2



OTA

Contamination Africa i

	ZEN	Afla	DON	FUM	T-2	OTA
%	61%	14%	69%	60%	0%	5%
Avg. ppb	79	21	600	677	0	8
Max. ppb	1,515	116	3,766	4,878	0	16

Co-Occurrence i

● below LOD
 ● 1 mycotoxin
 ● more than 1 mycotoxin



Introduction

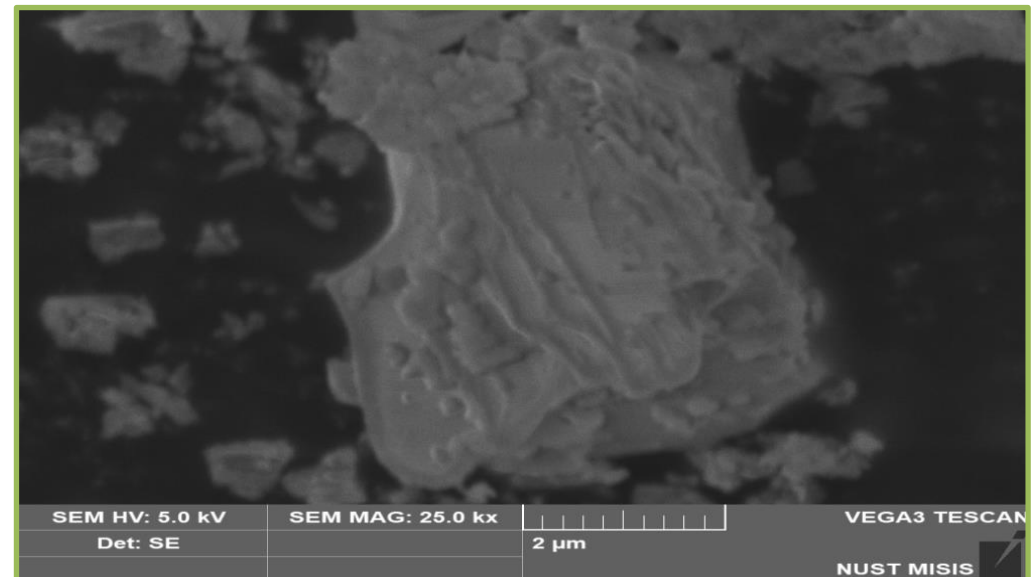


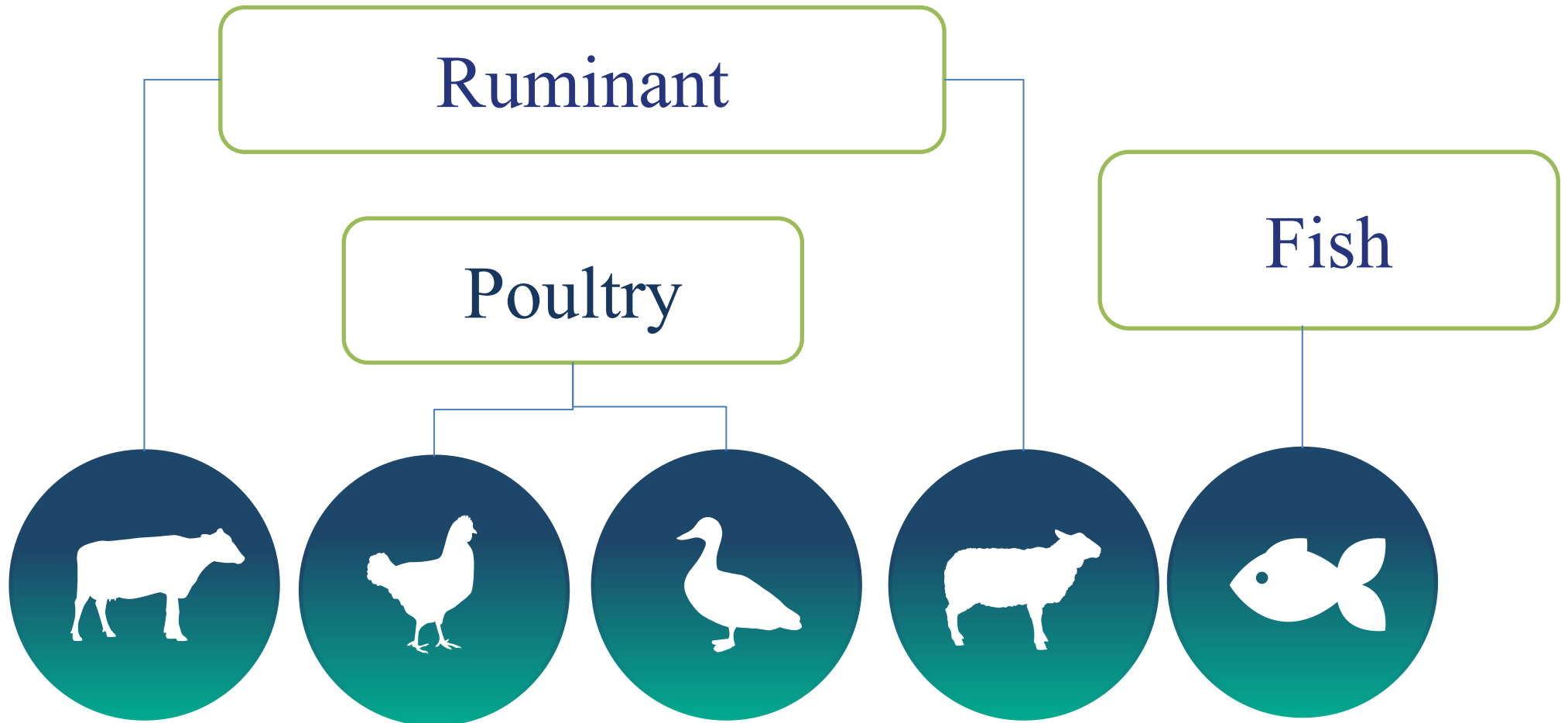
Feed additive contains hydrated sodium calcium aluminosilicate (**HSCAS**) with Trace Elements.

Physically Treatment

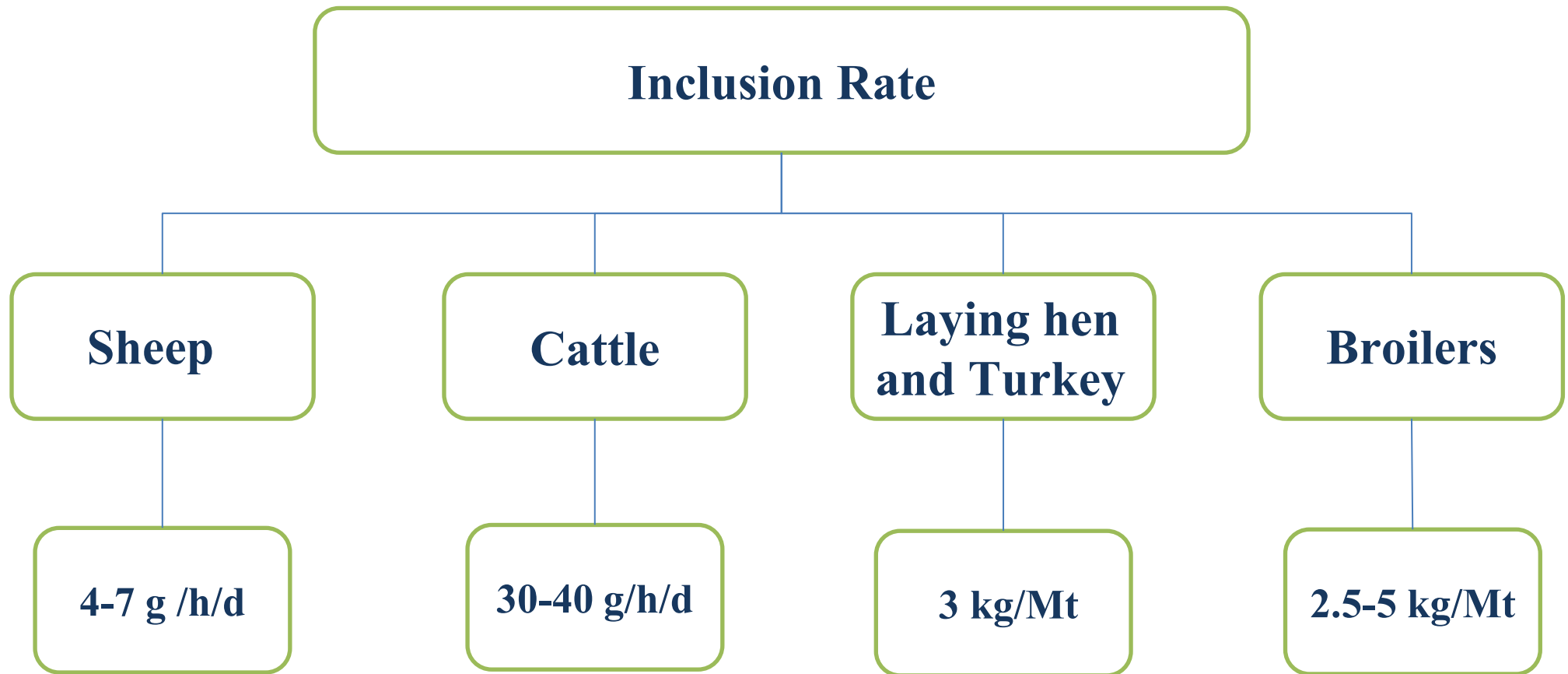
Used in the animal feed to capture some toxins and to reduce the effect of others

Tests / Parameters	Unit	Results
SiO ₂	%	48
Al ₂ O ₃	%	15
Fe ₂ O ₃	%	10
CaO	%	9
MgO	%	8





The inclusion rate depends on the type of animal



Mix the quantity of Animax with the vitamin and mineral premix in the farm and before pelleting in the feed mill

Effect of Animax on milk production



T	At the beginning			At the end		
	Daily milk	Fat %	Corrected milk production	Daily milk	Fat %	Corrected milk production
1	25,03	4.1	30,18	25,0	4,08	30,0
2	25,2	3,97	29,40	26,45	4,17	32,44
3	25,1	4,06	29,97	24,2	4,18	29,75

Effect of Animax on average daily gain

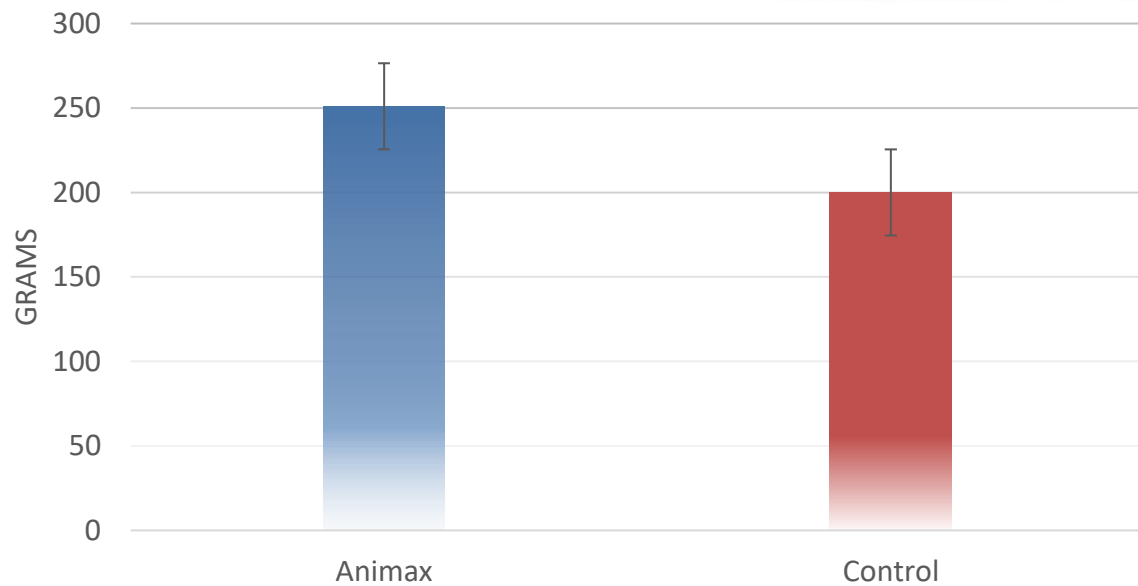


Animax increase ADG

Animax group : **251.6 g/d.**

Control group : **200 g/d.**

AVERAGE DAILY GAIN



Broiler chicken

Effect of using 2.5 kg of Animax on broiler chicken



Treatment	Treatment	Animax
Bird wt.	1768 gram	1917 gram
Feed intake	2598 gram	2666 gram
FCR	1.5	1.42
Feed efficacy	66	70.4
Treatment cost	+ 2 bird	

- Chick weight 40 g
- Rearing period 32 d
- Animax was added on the top of the ration.

Conclusion

Improve feed efficiency and digestibility

Enhance immunity

Improve egg quality

Reduce FCR

Maintain environment

Improve milk quantity and quality

Reduce treatment cost



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Many Thanks

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