

The usage experience of herbal products for Animal health care:

From Poland's perspective

Heronim Kedziora,
Farmwet
Poland



Farmwet

Profilaktya Metodami Biologicznymi

- **Veterinary company in the business of veterinary products for more than a decade**
- **Currently handling veterinary herbal products from India (Ayurved Ltd.)**



The herbal product range catering to the need of different animal species

- Poultry
- Cattle
- Pig
- Rabbits



The usage experience: In Poultry

Herbal liver tonic*

- In Broiler
 - Better body wt. gain
 - Better FCR
 - Less mortality
 - High carcass yield
 - Low fat percentage
- In layer
 - Early initiation of egg production
 - Sustained peak
 - Less mortality

*Superliv (premix & liquid)

The usage experience: In Poultry

- **Herbal Antistress and Immunomodulator***
 - To reduce heat and cold stress
 - To reduce mortality
 - To improve vaccination titre
- **Herbal Supplement for Ca & P utilization enhancer****
 - To reduce egg breakage in layer & breeder
 - To increase hatchability in parent flock

*Stresroak

** Ayucal D

Effect of Superliv on Pheasant layer feeding

Parameters		Group	
		Control	Treated (Superliv)
No. Of eggs			
-put	pc.	10512	10878
-non fertilized	pc	1726	1427
-fertilized	pc.	8786	9451
Fertilization percentage	%	83,87	86,96
Healthy chicks no.	pc.	6991	7904
% of hatching from put eggs	%	67,25	72,93
% of hatching from fertilized eggs	%	80,20	83,90
No. Of weak and crippled chicks	pc.	74	18

Effect of Superliv on Pheasants layer feeding

- The use of Superliv resulted in –
 - No. of eggs from a layer increased by 1.59 pc
 - No. of eggs increased by 2.5%
- The use of Superliv in feed for pheasant layers has a postivie effect on as shown by
 - Fertilization increased by 3.1%
 - No. of eggs for setting in incubator increased by 5.7%
 - Fertilized egg percentage increased by 3.9%

Use of Sueprliv as Non-antibiotic growth promoter *vis a vis* other natural growth promoter

1 – Group Control

2 – Group Superliv 250g/t

3 – Group Superliv 500g/t

4 – Group Oregocid 1 kg/t

Group	Carcass wt. - g-	% of fat in carcass	% of breast muscles in carcass	Slaughter efficiency %	Liver -g-	Heart -g-
I	1984,1	1,69	20,96	77,16	49,20	12,8
II	2020,3	1,48	21,64	77,95	48,60	12,50
III	1970,0	1,48	22,66	77,67	49,80	12,50
IV	1979,4	1,76	21,37	77,13	46,90	12,20

Trial doe by Prof. Dr hab. Andrzej Rutkowski

Use of Superliv as Non-antibiotic growth promoter *vis a vis* other natural growth promoter

- **RESULTS –**

- Broiler from group III (Superliv 500 g per ton had higher breast meat percentage

- The value of breast meat percentage was 22.66% which was significantly higher than in control group



Use of Payapro (galactogogue) to increase weaning wt. in piglets

No. of animals	Birth body wt. in kg	Weaning body wt. in kg	Day of weaning
15 (Treated)	1.2-1.4	6.5	21 st
15 (control)	1.2-1.4	6.0	21 st

Payapro treatment of lactating sows resulted in better milk yield



The usage experience: In Pigs

- Herbal Gut function modulator¹
 - To control piglet diarrhea post-weaning
- Herbal Galactagogue²
 - To reduce the problem of Hypogalactia in sows
- Herbal Antistress & immunomodulator³
 - To reduce farrowing stress in sows
 - Improving vaccination titre
- Herbomineral toxin binder⁴
 - To control multiple mycotoxicosis

1=Diaroak
2=Payapro
3=Restobal
4=Toxiroak

The usage experience: In cattle

- **Herbal appetite stimulant & digestive tonic¹**
 - As appetite stimulant
 - As digestive tonic to increase milk production & growth
- **Herbal topical gel for control of mastitis²**
 - To control subclinical mastitis
- **Herbal antistress & immunomodulator³**
 - To reduce calving stress
 - To reduce other stresses like transportation & environmental stress
- **Herbal Multiaction skin gel⁴**
 - To control skin infections
- **Herbal Gut function modulator⁵**
 - As symptomatic antidiarrheal therapy

**1=Ruchamax
2=Mastilep
3=Restobal
4=Charmil
5=Diaroak**



The effect of Diaroak on body wt. gain and Coccidia infection level in White Newzeland Rabbits

Experiment design

- Number of groups – 2
- Animals in each group – 30
- Day of initiation of experiment – day 30 of life
- Day of termination of experiment – day 90 of life
- Groups treated with -
 - Diaroak @2 kg per ton of feed &
 - Standard coccidiostat



The effect of Diaroak on body wt. gain and Coccidia infection level in White Newzeland Rabbits

Age (days)	Statistic parameters	(Body wt.)	
		I (control)	II (treated)
30	n x	30 878,97	30 885,02
56	N x	29 1614,14	29 1682,38
70	n x	27 2063, 16	28 2186, 92
77	n x	27 2287,18	28 2431,50
90	n x	26 2661,03 ^X	28 2851,78 ^X



The effect of Diaroak on body wt. gain and Coccidia infection level in White Newzeland Rabbits

Age (days)	Mortality (%)	
	Control	Treated
35-56	3,33	3,33
56-70	10,00	6,67
70-77	10,00	6,67
77-90	13,33	6,67

THANK YOU

