

LAYER PROGRAMME - NON EU

INTERNAL USE ONLY

ALL LAYER CYCLE

HEAT STRESS / STRESS

Aleta™	Neutralizes the immune depression after stress and heat stress	100 g / ton
KemTRACE™ Chromium	Stress or heat stress are occurring in all production systems. KemTRACE™ Chromium gives the layers all tools to defend themselves against the consequences of stress.	50 g / ton
LYSOFORTE® EXTEND dry	Improving the fat absorption and metabolization alleviates the intrinsic heat production. Animals suffer less from the heat and feed intake will be less affected. Therefore, LYSOFORTE® is the perfect product in heat stress.	250 - 500 g / ton
LYSOFORTE® Booster dry		250 - 500 g / ton
LYSOFORTE® liquid		100 - 200 g / ton

CANNIBALISM, FEATHER PICKING, BAN OF BEAK TRIMMING

CLOSTAT®	Cannibalism in laying hens is very common. There is a genetic component, however several deficiencies can initiate this behavior. It is clear that an optimal absorption of all nutrients is therefore essential. Experiences with CLOSTAT® already showed a beneficial effect.	500 g / ton
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SALMONELLA

FormaXOL™	Prevent salmonella presence or decrease the salmonella load on a short term can be done by respectively low or high dosage of FormaXOL™.	500 - 4000 g / ton
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PERFORMANCE

KEMZYME® Plus dry	KEMZYME® Plus dry is an enzyme combination with 5 declared enzyme activities (xylanase, betaglucanase, cellulase, amylase and protease) that allows a more flexible feed formulation with high level of crude fiber and higher inclusion rate of by-products without decreasing diet efficacy. It is a tool in feed cost reduction and improving laying hen welfare.	250 - 500 g / ton
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FEED INTAKE

TOXFIN™	Feed intake and health can be impaired because of mycotoxin prevalence.	250 - 500 g / ton
TOXFIN™ XL	If ZEA or (h)T2-Toxin is present	1000 g / ton

YOLK PIGMENTATION

LYSOFORTE® EXTEND dry	Yolk pigments are fat soluble. LYSOFORTE® improves absorption of pigments and as a consequence improves yolk pigmentation.	250 - 500 g / ton
LYSOFORTE® Booster dry		250 - 500 g / ton
LYSOFORTE® liquid		100 - 200 g / ton

GENERAL HEALTH AND PERFORMANCE

KemTRACE™ Zn	Several trace minerals are crucial for general health and performance. In layers specifically the egg shell formation depends highly on the availability of trace minerals. Also for the bone mineralization process and tendon development highly available trace minerals.	250 g / ton
KemTRACE™ Cu		50 g / ton
KemTRACE™ Mn		500 g / ton

PULLET PHASE : 0 - 17 WEEKS

HEALTH - VACCINATION

Aleta™	During the pullet phase birds get a harsh vaccination schedule. Aleta™ will enhance the immune system and improves the effectiveness of these vaccinations.	100 g / ton
KemTRACE™ Cu	KemTRACE™ Chromium improves the reaction of animals to vaccination.	50 g / ton

HEALTH - UNIFORMITY

CLOSTAT®	Uniformity depends on several health parameters. CLOSTAT® proved to improve the uniformity by decreasing the number of overly light pullets.	500 g / ton
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FEED EFFICIENCY - FCR - FEED COST SAVING

LYSOFORTE® EXTEND dry	Fat digestion and fat and nutrient absorption will be improved by LYSOFORTE®	250 - 500 g / ton
LYSOFORTE® Booster dry		250 - 500 g / ton
LYSOFORTE® liquid		100 - 200 g / ton

START LAY PHASE : 17 WEEKS - PEAK

HEALTH - CHRONIC ENTERITIS ISSUES / LAY % - TIMELY REACH A HIGH PEAK

CLOSTAT®	During this very challenging period, enteritis issues regularly occur. An impaired intestinal health in this age endangers the future performance of the layers. CLOSTAT® showed, on many occasions, that it can prevent these issues completely if given at a higher dosage: additionally the laying peak is higher and is reached timely.	1000 g / ton
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STRESS

Aleta™	During this period the immune system might be under challenge due to stress. Aleta™ reinforces the immune system.	100 g / ton
KemTRACE™ Chromium	During this period the immune system might be under challenge due to stress. KemTRACE™ Chromium supports the immune system to withstand this depression.	50 g / ton

EGG SIZE - EGG WEIGHT

LYSOFORTE® EXTEND dry	Important is that on a young age the egg weight is sufficiently high. LYSOFORTE® helps to modulate the egg weight influencing the absorption of linoleic acid and essential amino acids	250 - 500 g / ton
LYSOFORTE® Booster dry		250 - 500 g / ton
LYSOFORTE® liquid		100 - 200 g / ton

LAY PHASE 1 : PEAK - 50 WEEKS

INTESTINAL HEALTH / LAY % - MAINTAIN THE MAXIMAL LAY %

CLOSTAT® dry	Although in this period, clear intestinal health issues are less frequent, it makes sense to prepare the future of the laying hen by continued intestinal health support, extend CLOSTAT® usage at the standard dose.	500 g / ton
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FEED EFFICIENCY - FCR - FEED COST SAVING

LYSOFORTE® EXTEND dry	This period counts for the highest productivity in the cycle. A low FCR is crucial for economic performance. Besides intestinal health, fat and nutrient digestion are also crucial. This can be obtained by adding LYSOFORTE®.	250 - 500 g / ton
LYSOFORTE® Booster dry		250 - 500 g / ton
LYSOFORTE® liquid		100 - 200 g / ton

LAY PHASE 2 : 51 WEEKS - 72 WEEKS

LAY %

CLOSTAT® dry	This period typically is the period in which an unexpected decrease of lay % occurs. Sometimes accompanied with a slight increase of mortality. CLOSTAT® at the standard dose can prevent this. It maintains the lay % above schedule.	500 g / ton
CLOSTAT® SL		500 g / ton

EGG SHELL QUALITY - EGG SHELL COLORATION

CLOSTAT® dry	The egg shell quality starts degrading because of decrease of the intestinal health and degradation of the villi. Absorption of calcium and other nutrients is impaired. CLOSTAT® at normal dose can prevent this. CLOSTAT® can improve egg shell coloration and color uniformity in mature layers.	500 g / ton
CLOSTAT® SL		500 g / ton

EGG QUALITY

CLOSTAT® dry	Also the egg white and yolk quality can degrade because of the poor absorption. CLOSTAT® shows in trials to improve nutrient absorption.	500 g / ton
CLOSTAT® SL		500 g / ton

SUPPORT INTESTINAL HEALTH

ButiPEARL™	For an extra support for maintaining the intestinal health & the absorptive capacity of the intestine	400 g / ton
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LAY PHASE 3 : 73 - 105 WEEKS OR MORE

PROFITABILITY

CLOSTAT® SL	An extended laying period to more than 100 weeks is a new trend. It can improve the profitability of egg production under the condition that the lay %, egg shell quality, egg quality, FCR stay at acceptable levels. All these parameters are related to the maintenance of intestinal health. Our dedicated product to secure the profitability in this period is CLOSTAT® SL.	500 g / ton
ButiPEARL™	As an extra support for maintaining the intestinal health and the absorptive capacity of the intestine we advise ButiPEARL™.	400 g / ton