

NUTRITIONALLY ENGINEERED®

SmartLic® supplements are formulated to address basal diet deficiencies, typical in both grazing and harvested forage feeding situations. Each SmartLic® supplement is Nutritionally Engineered to provide proper levels of protein, vitamins and minerals to help support maintenance, growth, lactation and reproduction.

SmartLic® supplements are supported by extensive university research and produced through a patented manufacturing process that provides a self-fed, controlled delivery system which allows for nutrient absorption throughout the day.



THE SMARTLIC ADVANTAGE



RESEARCH DRIVEN

- University research-proven SmartLic® supplements ensure the best animal performance results.
- Specially formulated and fortified with essential nutrients, SmartLic® supplements support all stages of animal production.
- Year round feeding applications allow producers to develop programs that address specific basal diet deficiencies.



PERFORMANCE FOCUSED

- Predictable consumption makes SmartLic® easy to manage, with less waste, and lower supplement feed costs.
- On-time nutrient delivery means cattle get what they need, when they need it.
- Quality assurance responsible manufacturing provides producer peace of mind.



FIELD PROVEN

- Flexible packaging options and sizes meet the needs of any operation.
- Strategic placement of SmartLic® supplements can assist with pasture management.
- Self fed & convenient SmartLic® supplements save time and effort versus other supplement feeding options.



UNIVERSITY RESEARCH PROVEN — SUCCESS DRIVEN



RESEARCH DRIVEN SUPPLEMENT SOLUTIONS

Targeted university research, advanced manufacturing technologies and precise product formulations has made New Generation Supplements® an industry leader in the development of advanced livestock feed supplements.



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NUTRIENT ANALYSIS



	CRUDE PROTEIN, MIN. %	NPN, MAX %	CRUDE FAT, MIN. %	CALCIUM, MIN %	CALCIUM, MAX %	PHOSPHORUS, MIN. %	MAGNESIUM, MIN. %	POTASSIUM, MIN. %	COBALT, MIN. PPM	COPPER, MIN. PPM	IODINE, MIN. PPM	SELENIUM, MIN. PPM	MANGANESE, MIN. PPM	ZINC, MIN. PPM	VITAMIN A, MIN. IU/LB	VITAMIN D, MIN. IU/LB	VITAMIN E, MIN. IU/LB	OMEGA-3 FA, MIN. %	A. W/ ALTOSID®	A. W/ BIO-MOS®	A. W/ AVAILA® 4**
AP-12	12	-	5	2.3	2.8	2	-	2.5	1	75	4	4.4	300	300	80,000	8,000	80	-			
AP-18*	18	-	4	1	1.5	1	-	2.5	2	None Added	10	2	800	800	50,000	5,000	50	-		X	
AP-Mag 18*	18	-	4	1	1.5	1	2	2.5	2	None Added	10	2	800	800	50,000	5,000	50	-			
AP-25*	25	-	5	1.3	1.8	1	-	2.5	3	None Added	15	6.6	1,200	1,200	80,000	8,000	80	-			
AR-20	20	8	5	1	1.5	0.8	-	2.5	2	None Added	10	4	600	600	80,000	8,000	100	-			
Dairy DryLic® LS	16	8	4	0.7	1.2	2.9	-	2.5	6	600	30	8.8	2,400	2,400	135,000	27,000	1,350	-			
FesCool®*	36	18	5	1.3	1.8	1	1	3	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X		
FesCool® Mineral	-	-	4	5	6	4	3	2	10	850	42	13.2	3,400	3,400	120,000	12,000	240	-	X		
FlaxLic®	12	-	15	1	1.5	1	-	2	3	300	15	6.6	1,200	1,200	80,000	8,000	80	7	X		X
FlaxLic® Sheep	12	-	15	1	1.5	1	-	2	3	None Added	15	6.6	1,200	1,200	80,000	8,000	80	7			
FlaxLic® 25-12	25	12	15	1	1.5	1	-	2	3	300	15	6.6	1,200	1,200	80,000	8,000	80	7			
Goat 20N	20	-	4	1.5	2	1	-	2.5	2	125	7	4.4	600	600	80,000	8,000	80	-			
HI-PRO 40*	40	21	5	1.3	1.8	1	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
MagLic*	12	-	5	2.3	2.8	2	4	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
MinLic®	-	-	-	5	6	4	2	2	10	850	40	13.2	3,400	3,400	120,000	12,000	120	-	X	X	X
MinLic® Hi-Cal Availa 4	-	-	3	10	12	-	2	2	60	675	33	8.8	2,700	2,700	160,000	16,000	400	-			X
MinLic® Hi-Phos	-	-	3	7	9	8	-	2.5	10	1,000	50	18	4,000	4,000	200,000	20,000	200	-			
Natural 19	19	-	3	1.3	1.8	1	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
NE-12	12	-	5	2.3	2.8	2	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
NE-20*	20	-	5	2.3	2.8	2	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X		
NE-22	22	10	5	2.3	2.8	2	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X		
NE-30*	30	15	5	2.3	2.8	2	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X	X	X
NE-30 Mag	30	15	5	2	2.5	2	2	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
NE-Mag 22	22	10	5	2.3	2.8	2	2	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X	X	
Pasture 21	21	10	3	1.3	1.8	1	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-	X		
Pasture 25*	25	-	3	1.3	1.8	1	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
Pasture 30	30	18	3	1.3	1.8	1	-	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
Pasture Mag 21	21	10	3	1.3	1.8	1	2	2.5	3	300	15	6.6	1,200	1,200	80,000	8,000	80	-			
SHEEP 16	16	-	4	2	2.5	2	-	2.5	2	None Added	4	4.4	600	600	80,000	8,000	80	-			
STRESS 22 Availa® 4	22	10	5	2.3	2.8	2	-	2.5	30	300	15	6.6	1,200	1,200	80,000	8,000	80	-		X	X
StressLic® Availa® 4	12	-	5	2.3	2.8	2	-	2.5	60	600	30	8.8	2,400	2,400	100,000	10,000	500	-		X	X

* May contain approved animal proteins (feathermeal).
 ** Products with Availa® 4 will have 10x more Cobalt values than without Availa® 4

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BIO-MOS®

