

Nursery diets

Ingredient	Option 1	Option 2	Option 3	Option 4	Option 5	
	Phase 2	Phase 2	Phase 2	Phase 2	Phase 2	Phase 3
	15	15	15	15	15	25
	25	25	25	25	25	50
Corn	1036	1036	1031	1043	1041	1166
Soybean meal, 46.5%	557	559	567	533	529	696
Select Menhaden Fish Meal	60	45		90	120	
Spray-dried blood cells	25	17	50			
Spray Dried Whey		200	200	200		
DairyLac 80 or deproteinized whey	180				180	
Choice White Grease	60	60	60	60	60	60
Monocalcium Phosphate, 21% P	15	16	21	10	7	23
Limestone	16	16	20	13	12	19
Salt	6	6	6	6	6	7
Zinc oxide	5	5	5	5	5	
2007 Vitamin premix with phytase	5	5	5	5	5	5
Trace mineral premix	3	3	3	3	3	3
Lysine HCl	6	6	5	6	6	6
DL-Methionine	3.5	3.5	4	3	3	2.5
L-Threonine	3	2.5	2.5	2.5	2.8	2.5
Antibiotic 1	20	20	20	20	20	10
TOTAL	2000.0	2000.0	2000.0	2000.0	2000.0	2000.0
TID Lysine, %	1.35	1.35	1.35	1.35	1.35	1.30
Total lysine, %	1.48	1.49	1.49	1.48	1.48	1.44
TID Lysine:ME ratio, g/Mcal	3.96	3.97	3.99	3.95	3.93	3.79
TID Isoleucine:lysine ratio, %	55%	57%	54%	59%	59%	62%
TID Leucine:lysine ratio, %	124%	124%	132%	121%	119%	128%
TID Methionine:lysine ratio, %	36%	36%	36%	36%	36%	33%
TID Met & Cys:lysine ratio, %	57%	58%	58%	58%	58%	57%
TID Threonine:lysine ratio, %	62%	62%	62%	62%	62%	63%
TID Tryptophan:lysine ratio, %	17%	17%	18%	17%	17%	18%
TID Valine:lysine ratio, %	68%	67%	73%	65%	65%	69%
ME, kcal/lb	1,548	1,543	1,533	1,551	1,559	1,557
Protein, %	21.3	21.3	21.5	21.3	21.4	21.6
Calcium, %	0.76	0.76	0.76	0.76	0.76	0.71
Phosphorus, %	0.65	0.65	0.64	0.64	0.64	0.64
Available phosphorus, %	0.37	0.37	0.36	0.37	0.36	0.32
Available phosphorus equiv, %	0.48	0.48	0.48	0.48	0.48	0.43
Avail P:calorie ratio g/mcal	1.41	1.42	1.41	1.40	1.38	1.26
Feed budget, lb/pig	12	12	12	12	12	45

Nursery diets w base mix

Ingredient	Supplement		Phase 2 Base Mix Options			
	Phase 2	Phase 3	Option 1	Option 2	Option 4	Option 5
	15	25	15	15	15	15
	25	50	25	25	25	25
Corn	1038	1169	1028	1028	1026	1020
Soybean meal, 46.5%	482	696	557	560	534	530
Select Menhaden Fish Meal			60	45	90	120
Spray-dried blood cells			25	17		
Spray Dried Whey				200	200	
DairyLac 80 or deproteinized whey			180			180
Choice White Grease	60	60	60	60	60	60
2007 Starter base mix		65	65	65	65	65
Zinc oxide			5	5	5	5
Antibiotic 1	20	10	20	20	20	20
Phase 2 supplement A	400					
TOTAL	2000.0	2000.0	2000.0	2000.0	2000.0	2000.0
TID Lysine, %	1.35	1.30	1.35	1.35	1.35	1.35
Total lysine, %	1.48	1.44	1.48	1.49	1.48	1.48
TID Lysine:ME ratio, g/Mcal	3.93	3.81	4.00	4.01	4.01	4.00
TID Isoleucine:lysine ratio, %	59%	62%	55%	57%	59%	58%
TID Leucine:lysine ratio, %	119%	128%	123%	124%	120%	119%
TID Methionine:lysine ratio, %	36%	36%	36%	35%	37%	38%
TID Met & Cys:lysine ratio, %	77%	61%	57%	58%	59%	59%
TID Threonine:lysine ratio, %	62%	64%	61%	63%	63%	62%
TID Tryptophan:lysine ratio, %	17%	18%	17%	17%	17%	17%
TID Valine:lysine ratio, %	65%	69%	68%	67%	65%	65%
ME, kcal/lb	1,559	1,549	1,530	1,525	1,527	1,532
Protein, %	21.4	21.1	20.8	20.8	20.8	20.9
Calcium, %	0.73	0.69	0.87	0.86	0.97	1.02
Phosphorus, %	0.66	0.62	0.70	0.70	0.75	0.78
Available phosphorus, %	0.38	0.29	0.42	0.42	0.48	0.50
Available phosphorus equiv, %	0.48	0.41	0.54	0.53	0.59	0.62
Avail P:calorie ratio g/mcal	1.39	1.19	1.59	1.57	1.75	1.82
Feed budget, lb/pig	12	45	12	12	12	12