Scientific Animal Food & Engineering

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飼料データシート

定義

ミニブタ用の飼料

製品対象

動物実験プロトコルの規定に合わせた、飼育中の繁殖用ではない動物の飼料

飼料を与える時期：離乳時から与える
1 日に与える量：250～800 g
飼料の与えかた：動物実験プロトコルに従い、随時または決まった時に与える

製品形状

直径 10 ミリの粒状（注文により変更可能）

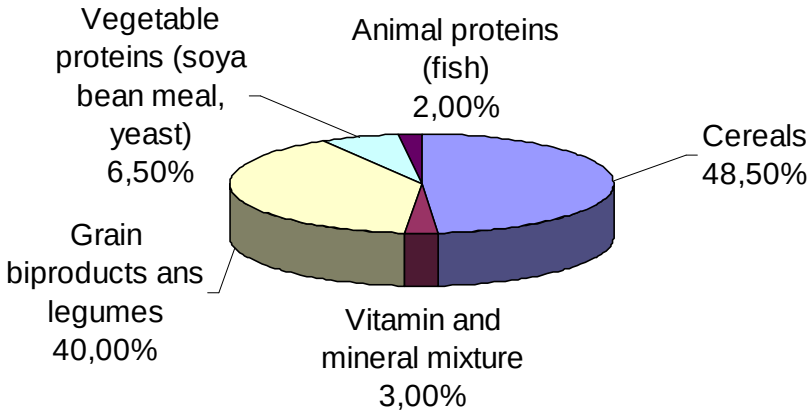
包装

飼料の状態	*パッケージ*	*包装*	*分析用シート*	*照射レベル*	*動物*
127	10kg	紙パック	なし	なし	Conventional（通常）
127C	10kg	紙パック	あり	なし	Conventional（通常）
112-10	10kg	紙パック	なし	10kGy	EOPS/IOPS/SPF/免疫抑制

- 飼育条件

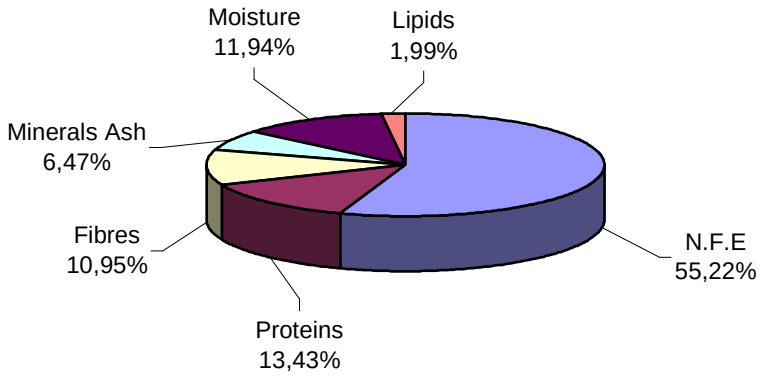
通常の管理のもと動物を飼育

- 配合割合



- 栄養配合

カロリー摂取量 (kcal/kg) 3000



数値は指標です。これらは平均的な値です。

AMINO ACID VALUES
Calculated / kg

6300 mg	Arginine
1800 mg	Cystine
6500 mg	Lysine
2400 mg	Methionine
1500 mg	Tryptophan
4600 mg	Glycine

FATTY ACID VALUES
Calculated / kg

2400 mg	Palmitic ac.
200 mg	Plamitoleic ac.
400 mg	Stearic ac.
6200 mg	Oleic ac.
11200 mg	Linoleic ac.
400 mg	Linolenic ac.

- ミネラルとビタミン含有量

Minerals calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
P	mg			6 000
Ca	mg			8 700
Na	mg			2 400
K	mg			6 000
Mg	mg			2 700
Mn	mg			70
Fe	mg			230
Cu	mg			35
Zn	mg			130
Co	mg			1,5

Vitamins calculated / kg

		Nat.val.(*)	CMV val.	TOTAL
Vitam. A	UI	1 000	7 500	8500
Vitam. D3	UI		1 500	1500
Vitam. B1	mg	6	1	7
Vitam. B2	mg	2	4,5	6,5
Vitam. B3	mg	10	6,5	16,5
Vitam. B6	mg	1,4	0,7	2,1
Vitam. B12	mg	0,01	0,01	0,02
Vitam. E	mg	15	15	30
Vitam. K3	mg	0,25	2,25	2,5
Vitam. PP	mg	60	15	75
Ac. Folic.	mg	0,5		0,5
Biotine	mg	0,04	0,06	0,1
Choline	mg	1180	400	1580

- 平均値テストシート

		Mean	Standard deviation	Limits
Quantity manufactured	(tonnes)	4	1	
Variation from theoretical weight		Conform		
PHYSICAL QUALITY OF THE PELLETS				
Diameter	(mm)	10,6	0,07	10,1 to 11,5
Resistance to crushing	(kgf/cm²)	23,7	2,9	15 to 30
Resistance to abrasing	(%)	98,9	0,5	(> 97)
Specific mass	(g/l)	690	45	
Average pellet weight	(g)	1,82	0,1	
Average pellet length	(mm)	18	1,2	15 to 21
Length < Diameter	(%)	0,1	0,2	(< 2)
Number of pellets burnt	(/kg)	0	0	(< 1)
NUTRITIVE QUALITY		**Mean**	**Standard deviation**	**Limits**
Incorporation of macro-mineral mix (Na)		Positive		
Incorporation of micro-mineral premix (Mn and Cu)		Positive		
Incorporation of vitamin premix (vit A and E)		Positive		
Moisture	(%)	11,6	1,4	9 to 14
Crude protein	(%)	13,6	0,5	12,5 to 17
Crude oil	(%)	3	0,2	2,0 to 3,5
Nitrogen free extract	(%)	54,6	1,3	50 to 58
of which starch	(%)	30,5	2	24 to 35
of which total sugars	(%)	2,9	0,6	
Crude fibre	(%)	11	0,6	9,0 to 12,0
Hemicellulose	(%)			
True cellulose	(%)			
Lignine	(%)			
Total minerals	(%)	6,1	0,3	5,0 to 8,0
Calcium	(mg/kg)	10300	1200	7000 to 13000
Phosphorus	(mg/kg)	4600	400	3600 to 6000
Sodium	(mg/kg)	2300	400	1500 to 3500
Potassium	(mg/kg)	8100	900	6000 to 12000
Manganese	(mg/kg)	90	12	60 to 120
Copper	(mg/kg)	17	4	0 to 30
Vitamin A	(UI/kg)	7000	1100	4000 to 11000
Vitamine C	(mg/kg)			
Vitamin D3	(UI/kg)	1100	400	(<= 3000)
Vitamin E	(mg/kg)	40	0	

CONTAMINENTS BACTERIOLOGY		**Mean**	**Standard deviation**	**Limits**
Viable organisms	(/g)	2900	2500	(< 100000)
Moulds and yeasts	(/g)	< 10		(< 1000)
Total coliforms	(/g)	0		(<5)
Faecal coliforms	(/g)	0	0	(0)
Anaerobies S.R	(/g)	< 10		(< 100)
Salmonella	(/25g)	0		(0)
MYCOTOXINS (µg/kg)				
Aflatoxin		< 1		(< 5)
Mycotoxin global risk		Negative		
HEAVY METALS		**Mean**	**Standard deviation**	**Limits**
Lead - Pb	(µg/kg)	250	170	(< 1500)
Mercury - Hg	(µg/kg)	19	11	(< 100)
Arsenic - As	(µg/kg)	90	100	(< 1000)
Cadmium - Cd	(µg/kg)	55	22	(< 250)
Selenium - Se	(µg/kg)	110	30	(< 600)
NITROGEN DERIVATIVES		**Mean**	**Standard deviation**	**Limits**
NO2	(mg/kg)	1,5	1,5	(< 500)
NO3	(mg/kg)	110	40	
NDMA	(µg/kg)	0,9	0,4	(< 10)
NDEA	(µg/kg)	< 0,2		(< 10)
NDPA	(µg/kg)	< 0,3		(< 10)
NDBA	(µg/kg)	< 0,3		(< 10)
NPIP	(µg/kg)	< 0,3		(< 10)
NPYR	(µg/kg)	< 0,5		(< 10)
NMOR	(µg/kg)	< 0,6		(< 10)
PESTICIDES ORGANOS-CHLORINE (µg/kg) (Total < 200)		**Mean**	**Standard deviation**	**Limits**
Lindane		3	2	(< 100)
a HCH		< 1		(< 20)
b HCH		< 5		(< 10)
d HCH		< 5		(< 100)
HCB		< 1		(< 10)
PCB		< 50		(< 50)
Aldrin		< 1		(< 10)
Dieldrin		< 1		(< 20)
Endosulfan		< 1		(< 100)
Heptachlor		< 1		(< 50)
Heptachlor Epoxyde		< 1		
Endrin		< 1		(< 10)
o,p'DDD		< 5		(< 50)
p,p'DDD		< 5		
o,p'DDE		< 1		
p,p'DDE		< 1		
o,p'DDT		< 5		
p,p'DDT		< 5		

PESTICIDES ORGANOS-PHOSPHORUS (µg/kg) (Total < 7000)	Mean	Standard deviation	Limits
Acéphate	< 500		(< 5000)
Azinphos ethyl	< 50		(< 5000)
Azinphos methyl	< 50		(< 5000)
Bromophos ethyl	< 10		(< 5000)
Bromophos methyl	< 20		(< 5000)
Carbophenothion ethyl	< 50		(< 5000)
Carbophenothion methyl	< 20		(< 5000)
Chlorfenvinphos	< 10		(< 5000)
Chlormephos	< 10		(< 5000)
Chlorpyriphos ethyl	< 15		(< 5000)
Chlorpyriphos methyl	31	57	(< 1500)
Chlorthiofos	< 15		(< 5000)
Diazinon	< 15		(< 5000)
Dichlofenthion	< 10		(< 5000)
Dichlorvos	< 20		(< 5000)
Diethion	< 10		(< 5000)
Dimefox	< 20		(< 5000)
Dimethoate	< 30		(< 1000)
Dioxathion	< 15		(< 5000)
Disulfoton	< 30		(< 5000)
Ethoprophos	< 20		(< 5000)
Fenchlorphos	< 20		(< 5000)
Fenitrothion	< 15		(< 5000)
Fenthion	< 30		(< 5000)
Fonofos	< 20		(< 5000)
Formothion	< 20		(< 5000)
Heptenophos	< 30		(< 5000)
Iodofenphos	< 25		(< 5000)
Malathion	100	91	(< 5000)
Methamidophos	< 15		(< 5000)
Methidathion	< 25		(< 5000)
Mevinphos	< 10		(< 5000)
Monocrotophos	< 90		(< 5000)
Naled	< 15		(< 5000)
Oxydemeton methyl	< 400		(< 5000)
Parathion ethyl	< 20		(< 5000)
Parathion methyl	< 20		(< 5000)
Phosalone	< 50		(< 5000)
Phosmet	< 50		(< 5000)
Phosphamidon	< 25		(< 5000)
Profenofos	< 50		(< 5000)
Prothoate	< 20		(< 5000)
Pyridaphention	< 15		(< 5000)
Pyrimiphos ethyl	< 20		(< 5000)
Pyrimiphos methyl	48	41	(< 2500)
Sulfotep	< 20		(< 5000)
Temephos	< 15		(< 5000)
Tetrachlorvinphos	< 30		(< 5000)
Thiomethon	< 40		(< 5000)
Trazophos	< 30		(< 5000)
Trichlorfon	< 10		(< 5000)
Trichloronate	< 25		(< 5000)
SYNTHETIC PYRETHRINOIDS (µg/kg)			
Deltamethrine	15 +- 27		