

Bespoke emission factors for low percentage crude protein diets

1. Pigs 7-30kg solid floor straw-based system

Gov.uk ammonia emission factor (kg ammonia per animal place per year) 0.254 (CP21%)

Vida Vital for piglets 17.5%

Wayland pig grower 18.3%

$$(17.5+18.3)/2 = 17.900\%$$

21-17.900 = 3.100% (more than max. 2% described in the BREF)

21-19 = 2.000% (max. described in the BREF)

$$0.254 - (0.2\% \times 0.254) = 0.254 - 0.0508 = \mathbf{0.2032 \text{ kgNH}_3/\text{ap/yr}}$$

2. Production pigs >30kg solid floor straw-based system

Gov.uk ammonia emission factor (kg ammonia per animal place per year) 1.888 (CP18%)

Wayland Finisher No.1 17.5%

Wayland Finisher No.2 15.5%

$$(17.5+15.5)/2 = 16.500\%$$

$$18-16.500 = 1.5\%$$

$$1.888 - (0.15 \times 1.888) = 1.888 - 0.283 = \mathbf{1.605 \text{ kgNH}_3/\text{ap/yr}}$$

Kc/23/06/2025

P30045C07526

VIDA VITAL 2 NSAL PLT ecz.375kg sfx1.5kg vvl2kg

A complete feed for feeding to piglets.

A complementary feed for feeding to suckling pigs prior to weaning. Feed up to 4 weeks post weaning. THIS FEED CONTAINS FISHMEAL - CANNOT BE FED TO RUMINANT ANIMALS. DO NOT FEED TO ANIMALS OTHER THAN PIGS, ESPECIALLY SHEEP. SHEEP SHOULD NOT HAVE ACCESS TO EFFLUENT FROM TREATED PIGS.

Contains 10 mg Cellguard, a natural anti-oxidant complex with an antioxidant capacity equivalent to 25 iu of Vitamin E (based on ORAC values) Sulfaprex is incorporated under a Special Import Certificate.

ANALYTICAL CONSTITUENTS: Crude Protein 17.5 %, Crude Fat 5.6 %, Crude Fibre 3.0 %, Crude Ash 4.8 %, Calcium 0.62 %, Phosphorus 0.46 %, Sodium 0.26 %, Lysine 1.20 %, Methionine 0.45 %, Methionine eq. value 0.45 %, Copper 150 mg.

COMPOSITION: Barley, Wheat, Wheat Extruded, Whey Powder, Oats Extruded, Soya (Bean) Meal (GM*2), Dextrose, Sunflower Seed Meal, Potato Protein, Oats, Fish Meal, Vegetable Oil and Fat (Soya) (GM*2), Milk Products & By Products, Vegetable Oil & Fat (Coconut), (Beet) Sugar, Fish Oil, Mono Calcium Phosphate, Sodium Chloride, Calcium Carbonate, Salts of Fatty Acids (Butyric), Yeast Product, Products from the processing of Rosmarinus Officinalis & Curcuma Longa.

(GM*2) This product contains genetically modified organisms.

ADDITIVES (PER KG):

Flavourings: E954iii Sodium Saccharin 146.700 mg.

Vitamins: 3a700 Vitamin E 250 IU, 3a671 Vitamin D3 500 IU, 3a672a Vitamin A 10000 IU, Vitamin D3 equivalent 1500 IU, 3a670a 25-hydroxy cholecalciferol 0.0375 mg.

Trace elements: Iodine - I (3b202) Calcium iodate anhydrous 2.00 mg, Manganese - Mn (3b502) Manganous oxide 40 mg, Zinc - Zn (3b603) Zinc oxide 120 mg, Copper - Cu (3b405) Copper (II) sulphate pentahydrate 140 mg, Iron - Fe (3b103) Ferrous-sulphate monohydrate 150 mg, Selenium - Se (3b801) Sodium selenite 0.40 mg.

Zootechnical additives: 4b1902 Bacillus subtilis (DSM 25841) 600.000 10*6 CFU, 4b1901 Bacillus amyloliquefaciens (DSM 25840) 500.000 10*6 CFU, 4d210 Benzoic acid (Vevovital) 5000 mg, 4a1604i Endo- 1, 3 (4) - beta-glucanase 1500 U, 4a1604i Endo-1, 4-beta-xylanase 1100 U, 4a24 6-phytase 2000 FYT.

Antioxidants: E321 Butylated Hydroxytoluene 4.25 mg, E310 Propylgallate 2.55 mg, E320 BHA 0.4 mg.

Technological: 1a238 Calcium Formate 4385 mg, 1k237i Sodium Formate 700 mg, 1a263 Calcium Acetate 745 mg, 1a297 Fumaric Acid 495 mg, E562 Sepiolite 2683.6 mg.

Medication: (ecz) Ecozole 4% (Vm No:11990/4012) at a concentration of Fenbendazole of 15 mg, (sfx) Sulfaprex (ESP) (MA.No: 3482 ENG) at a concentration of Trimethoprim of 75 mg, (sfx) Sulfaprex (ESP) (MA.No: 3482 ENG) at a concentration of Sulfadiazine of 375 mg.

THIS IS A MEDICATED COMPLETE FEED. N.B. all drugs listed to be used in accordance with a Veterinary prescription.

Animals or Birds must not be slaughtered for human consumption during treatment.

Inappropriate disposal of this product poses a serious threat to the environment.

Inappropriate disposal of this product may contribute to antimicrobial resistance.

Withdrawal period: 28 days or as per prescription if longer.

Instructions for use - use for target animals only.

Net Weight - see bag/bulk delivery documents.

Feeding instructions and further information available from your supplier. Store in cool dry conditions.

Version nr.: 5181

VMR Est. App.No. aGB2018667 UFAS-compound Feeds 41.

Sequence nr.: 99579

Best before date: 15-07-2025

Batch No:

Ticket No: 1

CROWN MILLING

KENNINGHALL NORWICH NR16 2DR TEL.01953 887736

EST.REG.NO GB226[0074] VMD NO 2016457

"UFAS" - COMPOUND FEEDS - 61

808

WAYLAND PIG GROWER

A COMPLETE FEEDINGSTUFF FOR PIGLETS UP TO 8 WEEKS AFTER WEANING.

ANALYTICAL CONSTITUENTS

CRUDE PROTEIN 18.3 % CRUDE FAT 5.1 % CRUDE FIBRE 3.3 %

CRUDE ASH 4.3 % LYSINE 1.29 % METHIONINE 0.40 %

CALCIUM 0.58 % PHOSPHOROUS 0.48 % SODIUM 0.24 %

ADDITIVES PER KG

VITAMINS

E3a672a VITAMIN A 10000 IU, 3a671 VITAMIN D3 2000 IU

TRACE ELEMENTS

IRON (3b103 Iron II sulphate monohydrate) 100.0 mg, IODINE (3b202

Calcium iodate anhydrous) 1.0 mg, COPPER (3b405 Copper II sulphate

pentahydrate) 90.0 mg, MANGANESE (3b502 Manganese II oxide) 40.0 mg,

ZINC (3b603 Zinc oxide) 90.0 mg, SELENIUM (3b802 Sodium selenite) 0.4

mg

COMPOSITION:

WHEAT, BARLEY, DEHULLED SOYA (BEAN) MEAL FEED*, VEGETABLE OILS '

SALT, MONOCALCIUM PHOSPHATE, CALCIUM CARBONATE

*** PRODUCED FROM GENETICALLY MODIFIED MATERIAL**

DIGESTIBILITY ENHANCERS

ENZYME: ENDO 1,4-BETA XYLANASE (EC 3.2.1.8)(4a1607) TO GIVE

200 FXU PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

ENZYME: 6-PHYTASE (EC 3.12.3.26)(4a18/4a18i) TO GIVE

1500 FYT PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

BEST BEFORE AND VITAMINS PRESENT UNTIL 10/09/2025

Batch No:

Ticket No: 1

CROWN MILLING

KENNINGHALL NORWICH NR16 2DR TEL.01953 887736

EST.REG.NO GB226[0074] VMD NO 2016457

"UFAS" - COMPOUND FEEDS - 61

852

WAYLAND FINISHER 1

A COMPLETE FEEDINGSTUFF FOR PIGS UNDER 6 MONTHS OF AGE.

ANALYTICAL CONSTITUENTS

CRUDE PROTEIN 17.5 % CRUDE FAT 3.8 % CRUDE FIBRE 4.0 %

CRUDE ASH 4.4 % LYSINE 1.10 % METHIONINE 0.33 %

CALCIUM 0.71 % PHOSPHOROUS 0.46 % SODIUM 0.24 %

ADDITIVES PER KG

VITAMINS

E3a672a VITAMIN A 6500 IU, 3a671 VITAMIN D3 1500 IU

TRACE ELEMENTS

IRON (3b103 Iron II sulphate monohydrate) 80.0 mg, IODINE (3b202

Calcium iodate anhydrous) 1.0 mg, COPPER (3b405 Copper II sulphate

pentahydrate) 15.0 mg, MANGANESE (3b502 Manganese II oxide) 25.0 mg,

ZINC (3b603 Zinc oxide) 80.0 mg, SELENIUM (3b802 Sodium selenite) 0.4 mg

COMPOSITION:

WHEAT, BARLEY, DEHULLED SOYA (BEAN) MEAL FEED*, WHEATFEED PELLETS

SUNFLOWER EXT, RAPESEED MEAL, CALCIUM CARBONATE, SALT, MONOCALCIUM

PHOSPHATE

*** PRODUCED FROM GENETICALLY MODIFIED MATERIAL**

DIGESTIBILITY ENHANCERS

ENZYME: ENDO 1,4-BETA XYLANASE (EC 3.2.1.8)(4a1607) TO GIVE

200 FXU PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

ENZYME: 6-PHYTASE (EC 3.12.3.26)(4a18/4a18i) TO GIVE

1500 FYT PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

BEST BEFORE AND VITAMINS PRESENT UNTIL 11/09/2025

P1.

Batch No:

Ticket No: 1

CROWN MILLING

KENNINGHALL NORWICH NR16 2DR TEL.01953 887736

EST.REG.NO GB226[0074] VMD NO 2016457

"UFAS" - COMPOUND FEEDS - 61

853

WAYLAND FINISHER 2

A COMPLETE FEEDINGSTUFF FOR PIGS UNDER 6 MONTHS OF AGE.

ANALYTICAL CONSTITUENTS

CRUDE PROTEIN 15.5 % CRUDE FAT 3.5 % CRUDE FIBRE 5.4 %

CRUDE ASH 4.1 % LYSINE 0.96 % METHIONINE 0.28 %

CALCIUM 0.70 % PHOSPHOROUS 0.50 % SODIUM 0.20 %

ADDITIVES PER KG

VITAMINS

E3a672a VITAMIN A 6500 IU, 3a671 VITAMIN D3 1500 IU

TRACE ELEMENTS

IRON (3b103 Iron II sulphate monohydrate) 80.0 mg, IODINE (3b202

Calcium iodate anhydrous) 1.0 mg, COPPER (3b405 Copper II sulphate

pentahydrate) 15.0 mg, MANGANESE (3b502 Manganese II oxide) 25.0 mg,

ZINC (3b603 Zinc oxide) 80.0 mg, SELENIUM (3b802 Sodium selenite) 0.4

mg

COMPOSITION:

WHEAT, BARLEY, WHEATFEED PELLETS, RAPESEED MEAL, SUNFLOWER EXT, DEHULLEI

SOYA (BEAN) MEAL FEED*, CALCIUM CARBONATE, SALT

*** PRODUCED FROM GENETICALLY MODIFIED MATERIAL**

DIGESTIBILITY ENHANCERS

ENZYME: ENDO 1,4-BETA XYLANASE (EC 3.2.1.8)(4a1607) TO GIVE

200 FXU PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

ENZYME: 6-PHYTASE (EC 3.12.3.26)(4a18/4a18i) TO GIVE

1500 FYT PER KG FEED. ENZYMES PRESENT UNTIL BEST BEFORE DATE.

BEST BEFORE AND VITAMINS PRESENT UNTIL 04/09/2025