



in form on the farm

VVS pig 1,5% macro pack and compound feed formulations

VVS - formulating your growth

We have prepared a balanced ration for proper development and higher production of your pigs. This ration consists of our premix and the commodities, easily available on your market.

- **Balanced ration from any aspect of the pigs needs**
- **Our premixes contain all the necessary vitamins, minerals and enzymes**
- **Your local compounder to advise and adjust the ration accordingly to your requirements**
- **Technical advisors ready to analyse and revise your rations**

Please, contact our local consultant for the information, on the minimum technical requirements, for the production of your own mixture on the farm.



Effective animal nutrition

VVS ZAMBIA L.T.D, PLOT NUMBER L3131N/M CHAMBA VALLEY LUSAKA
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www.vvszambia.com



VVS macropack 1,5%

VVS 1,5% Pig Starter

Macropack for weaner pigs

Components:

Rye bran.

Analytical component :

Lysin	0,67 %
Methionin	5,67%
Treonin	4,33 %
Calcium	0,09%
Phosphorus	0,67 %
Natrium	0,02%
Magnesium	0,36 %

Nutritional additives in kg:

3b101 (FeCO ₃) as Fe	13 333,00 ppm
3b202 (Ca (IO ₃) ₂ as I	100,00 ppm
3a672a Vitamin A	733 333,00 i.u.
3a671 Vitamin D3	133 333,00 i.u.
3a821 Vitamin B1	133,00 ppm
Vitamin B2	400,00 ppm
3a841 D-calcium pantothenate	1 000,00 ppm
3a890 Cholinchlorid	10 000,00 ppm
3a315 Niacinamid	2 000,00 ppm
3a831 Vitamin B6	333,00 ppm
Vitamin B12	1,33 ppm
3a316 Folic acid	86,70 ppm
3a880 Biotin	10,00 ppm
3a710 Vitamin K3	160,00 ppm
Vitamin E as alpha-tocopherol 3a700	6 667,00 ppm
3b405 (CuSO ₄ .5H ₂ O) as Cu	6 000,00 ppm
3b502 (MnO) as Mn	4 000,00 ppm
3b603 Zinc oxide (ZnO) as Zn	10 000,00 ppm
3b801 (Na ₂ SeO ₃) as Se	30,00 ppm

Technological additives in kg:

E 321 Butylhydroxytoluén (BHT)	365,20 ppm
1b320 Butylhydroxyanisol (BHA)	73,00 ppm

Zootechnical additives in kg:

4a1620i Endo-1,4 beta-Xylanase 3.2.1.8	73 260,00 vu
Proteáza serinu 4a13 (E.C. 3.4.21)	997 500,00 u
4a32 6-Fytáza (EC 3.1.3.26)	100 000,00 ftu

Usage:

Mineral feed is for pigs. Dosage: 1,5% into complete feed mixture. Store in dry place on wooden pallets.

VVS 1,5% Pig grower

Macropack for fattening pigs

Components:

Rye bran.

Analytical component :

Lysin	0,52%
Methionin	0,20 %
Calcium	0,10 %
Phosphorus	0,82 %
Natrium	0,03 %
Magnesium	0,44 %

Nutritional additives in kg:

3b101 (FeCO ₃) as Fe 3b	6 667,00 ppm
202 (Ca (IO ₃) ₂ as I	100,00 ppm
3a672a Vitamin A 3	466 667,00 i.u.
a671 Vitamin D3 3a	100 000,00 i.u.
821 Vitamin B1	133,00 ppm
Vitamin B2	200,00 ppm
3a841 D-calcium pantothenate	880,00 ppm
3a890 Cholinchlorid	10 667,00ppm
3a315 Niacinamid	1 533,00 ppm
3a831 Vitamin B6	173,00 ppm
Vitamin B12	1,33 ppm
3a316 Folic acid	33,00 ppm
3a880 Biotin	4,00 ppm
3a710 Vitamin K3	380,00 ppm
3a920 Betain	10 667,00ppm
Vitamin E as alpha-tocopherol 3a700	3 200,00 ppm
3b405 (CuSO ₄ .5H ₂ O) as Cu	800,00 ppm
3b502 (MnO) as Mn	4 000,00 ppm
3b603 Zinc oxide (ZnO) as Zn	6 000,00 ppm
3b801 (Na ₂ SeO ₃) as Se	20,00 ppm

Technological additives in kg:

E 321 Butylhydroxytoluén (BHT)	365,00 ppm
1b320 Butylhydroxyanisol (BHA)	73,00 ppm

Zootechnical additives in kg:

4a32 6-Fytáza (EC 3.1.3.26)	66 700,00 ftu
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Usage:

Mineral feed is for pigs. Dosage: 1,5% into complete feed mixture. Store in dry place on wooden pallets.

VVS 1,5% sow and boar

Macropack for sows and boars

Components:

Rye bran.

Analytical component :

Lysin	0,90 %
Methionin	0,67 %
Treonin	0,80 %
Calcium	0,10 %
Phosphorus	0,78 %
Natrium	0,03 %
Magnesium	0,42 %

Nutritional additives in kg:

3b101 (FeCO ₃) as Fe	6 666,00 ppm
3b202 (Ca (IO ₃) ₂ as I	80,00 ppm
3a672a Vitamin A	666 667,00 i.u.
3a671 Vitamin D3	133 333,00 i.u.
3a821 Vitamin B1	213,00 ppm
Vitamin B2	346,00 ppm
3a841 D-calcium pantothenate	1 333,00 ppm
3a890 Cholinchlorid	10 667,00 ppm
3a315 Niacinamid	1 733,00 ppm
3a831 Vitamin B6	267,00 ppm
Vitamin B12	1,30 ppm
3a316 Folic acid	133,00 ppm
3a880 Biotin	33,00 ppm
3a920 Betain	10 667,00 ppm
Vitamin E as alpha-tocopherol 3a700	8 000,00 ppm
3b405 (CuSO ₄ .5H ₂ O) as Cu	1 000,00 ppm
3b502 (MnO) as Mn	4 000,00 ppm
3b603 Zinc oxide (ZnO) as Zn	6 666,00 ppm
3b801 (Na ₂ SeO ₃) as Se	23,00 ppm

Technological additives in kg:

E 321 Butylhydroxytoluén (BHT)	1 832,60 ppm
1b320 Butylhydroxyanisol (BHA)	366,52 ppm

Zootechnical additives in kg:

4a1620i Endo-1,4 beta-Xylanase 3.2.1.8	73 348,00 vu
E 1620 Endo-1,3(4) beta-Glukanase 3.2.1.6	100 020,00 vu
4a32 6-Fytáza (EC 3.1.3.26)	100 000,00 ftu

Usage:

Mineral feed is for sows. Dosage: 1,5% into complete feed mixture. Store in dry place on wooden pallets.



Compound feed mixtures for fattening pigs

22% Protein

	Starter /weaner	Grower	Finisher	Sow and Boar	Lactating sow
VVS 1,5% starter	15	-	-	-	-
VVS 1,5% grower	-	15	15	-	-
VVS 1,5% sow and boar	-	-	-	15	15
Maize meal	380	353	409	300	385
Maize bran	340	330	340	484	344
Soya meal 48 %	170	200	140	120	170
FF soya	80	80	80	60	60
MCP	5	5	2	5	9
Limestone	5	13	10	12	13
Salt	5	4	4	4	4

Additional ingredients

Organic minerals

Organic minerals play a significant role in pig nutrition due to their increased bioavailability and potential to improve overall health and productivity. Unlike inorganic minerals, organic minerals are bound to organic molecules, which enhances their absorption and utilization by the pig's body. Organic minerals are an important particle in the improvement of the feed conversion ratio (FCR).

Overall, incorporating organic minerals into pig diets can lead to improved growth performance, enhanced immune function, optimized reproductive performance, and reduced environmental impact. By maximizing mineral bioavailability and utilization, organic minerals contribute to better feed conversion ratios and overall profitability in pig production systems.