

SICO® ANIMAL NUTRITION & HEALTH PRODUCTS

YOUR PASSPORT TO THE WORLD OF FEEDSTUFFS

Sap International Corporation, a fully family owned company, established in February 1987, is a supplier of feed premixes, protein concentrates, specialty feed additives (Belgian licence no 11/1680/001/0010/00) marketed worldwide under the "SICO" brand (and various other brands), and exporter of feed ingredients and pharmaceutical raw materials (Belgian licences no 37 and 147) with over 30 years of worldwide export expertise & experience. Our efficient services and our wide product range from selected quality manufacturers has won us an impressive list of blue chip feed clients. As more feed companies look for fewer suppliers for their ingredients, Sap International makes the perfect business partner. We are pleased to list hereafter our wide range of products.

A. SICO® PREMIXES & PROTEIN CONCENTRATES & COMPLETE FEEDS

Our ultra-modern factory produces top quality well balanced and precise premixes and concentrates according to our own standard formulas or "tailor-made" also for tropical countries according to locally available raw materials.

1. Super trace elements premixes 0.05% and 0.1% use
2. Super vitamin premixes 0.1% use (high performance)
3. Vitaminised mineral premixes 0.25% up to 3% use
4. **Protein concentrates 2.5% and 5% and 7.5% and 10% and 15-40% use**
5. Supplements:
 - 5.1. **Protectamin**: specialist vitamin & mineral supplement for dairy cattle, contains protected vitamin and minerals
 - 5.2. **Sico Dairy Ecopack**: mineralised protein supplement for cattle and sheep
 - 5.3. **Sico Dairy Ecopack Super**: mineralised protein supplement for dairy and beef cattle
 - 5.4. **Sico Dairy Multipack**: mineralised protein supplement for all stock
 - 5.5. **High Phos**: molassed mineral supplement for cattle
 - 5.6. **Sico Super-Camel mix**: special formula for all camels
 - 5.7. **Chelamin**: mineral, chelated trace element & vitamin supplement with Xtract 6965™ appetising additive for the modern dairy cow
 - 5.8. **Sico Herbcare®: a range of health supporting natural feed supplements - TOPSELLER**
 - 5.9. **Sico Aerocid**: a complex remedy based upon organic acids in combination with herbs that possess an antibacterial action.
6. Complete feeds for poultry, pigs, cattle, horses, sheep & goats, turkeys, rabbits, camels, fishes, shrimps, ostriches etc.

B. SICO® MILKREPLACERS

1. **Feedlac**: skimmed milkpowder replacer (crude protein 37.5% - crude fat 2% - crude ash 8% - lactose 19.5%)
2. **Sicolac White**: whey based complete calfmilkreplacer ((crude protein 20.5% - crude fat 16% - crude ash 7%)
3. **Sicolac Extra**: superior whey based complete calfmilkreplacer (crude protein 20.5% - crude fat 16% - crude ash 10%)
4. **Sicolac Extra CF12**: good favourable economic whey based complete calfmilkreplacer (crude protein 20% - crude fat 12% crude ash 11%)
5. **Lambolac CF24**: whey based complete milkreplacer for rearing and fattening of lambs (crude protein 24% - crude fat 24% crude ash 10%)
6. **Pigylac**: acidified milkreplacer for piglets (crude protein 16% - crude fat 14% - crude ash 9%)
7. **Dairymix**: fat concentrate + dairy protein + lactose for feeds for young animals and calf milkrepacers (crude protein – 12 crude fat 50% - lactose 28%)
8. **Sicomilk Plus**: whey based water soluble complete milkreplacer (crude protein 21% - crude fat 17% - crude ash 10.5%)

C. SICO® MINERAL SALT LICKIES

1. **Lickies** : mineral salt licks. Phosphorus licks for all stock
2. **Blockies**: high nutrient density feeding blocks (in a bucket), for cattle, sheep or for all stock
3. **Sicoblocks**: proteins, minerals and trace elements in a molassed bucket for cattle and sheep

D. SICO® AQUACULTURE FEEDING

1. Sico Rainbow Trout feed
2. Sico Seabass feed
3. Sico Carp feed
4. Sico Catfish feed
5. Sico Tilapia feed



- 4.4. **Sico Aquabind Concentrate:** ultra-low inclusion binder and hardener for use in fish feed and shrimp feed when an extended period of stability in water is required

5. SICO® FEED ENZYMES

- 5.1. **Sicozyme Pro:** combination enzyme for use in all feed rations
- 5.2. **Sicozyme Prime:** high concentrated enzyme esp. for wheat and barley diets
- 5.3. **Sicozyme Prime-B:** for barley formulas (Beta-glucanase, cellulase, xylanase, phytase)
- 5.4. **Sicozyme Prime-CS:** for corn soya formulas (Xylanase, cellulase, Beta-glucanase, phytase)
- 5.5. **Sicozyme Prime-P:** for phytase
- 5.6. **Sicozyme Phytase 5000 FTU/G:** for improvement of phosphorus utilisation in feeds
- 5.7. **Sicozyme Phytase-P:** phytase for pelleting
- 5.8. **Sicozyme Plus 313:** feed enzyme to improve digestibility of diets with a high wheat content
- 5.9. **Sicozyme Plus 309:** feed enzyme to improve digestibility of diets with a high wheat content
- 5.10. **Sicozyme Plus 101:** feed enzyme to improve digestibility of diets with a high wheat content
- 5.11. **Sicozyme Plus 201:** feed enzyme to enhance digestibility & reduce viscosity of diets with high barley content
- 5.12. **Sicozyme Plus 301:** feed enzyme to enhance digestibility of corn-soya diets

6. SICO® ACIDIFIERS

Acidification of feed and drinking water.

- 6.1. **Sicoacid Prime Dry +:** feed acidifier based on formic acid, propionic acid and their salts
- 6.2. **Sicoacid Prime Dry ++:** feed acidifier based on formic acid and lactic acid
- 6.3. **Sico Prime DW:** liquid drinkwater acidifier
- 6.4. **Sico Acid Push-L (liquid):** new acidifier & strong anti-microbial growth promoter for pigs and poultry
- 6.5. **Sico BA 710:** acidifier to prevent growth of harmful bacteria effectively

7. SICOTASTE FLAVOURS & SICOSWEET SWEETNERS

- 7.1. **Sicotaste Prime -RF:** red fruit aroma
- 7.2. **Sicotaste Prime -PC:** pastry cake aroma
- 7.3. **Sicotaste Prime -V:** vanilla aroma
- 7.4. **Sicosweet Prime:** premixture of powerful sweeteners and natural identical flavour enhancers
- 7.5. **Sicosweet Prime +:** premixture of powerful sweeteners and natural identical flavour enhancers

8. SICO BIO CHELATES® OF AMINO-ACIDS

- 8.1. **Sico-Bio Zn-15:** zinc chelate of amino-acids
- 8.2. **Sico-Bio Mn-15:** manganese chelate of amino-acids
- 8.3. **Sico-Bio Fe-15:** ferrous chelate of amino-acids
- 8.4. **Sico-Bio Cu-15:** cupric chelate of amino-acids

9. SICOCHEL ORGANIC TRACE ELEMENTS

- Mineral amino acid chelates for animal & poultry nutrition.
- 9.1. **Sicochel Zn10:** zinc amino acid chelate for animal & poultry feeds
 - 9.2. **Sicochel Cu10:** copper amino acid chelate for animal & poultry feeds
 - 9.3. **Sicochel Mn10:** manganese amino acid chelate for animal feeds
 - 9.4. **Sicochel Fe10:** iron amino acid chelate for animal feeds

F. NUTRITIONAL WATER SOLUBLE POWDERS

1. **Sicovit K3 200 SP:** vitamin K3 soluble powder
2. **Sicovit AD3E 86 SP:** soluble powder for oral administration
3. **Sicovit C SP:** vitamin C soluble powder
4. **Sicovit B Complex SP:** well balanced combination of essential vitamins
5. **Sico Super Stressmix SP:** mix of vitamins, amino acids, trace elements and lactic acid
6. **Sico Aminotonic SP:** mix of essential amino acids
7. **Sicomin SP:** mineral soluble powder for oral administration
8. **Sico Vitaselect SP:** selective well balanced combination of essential vitamins, minerals and amino acids
9. **Sico Superfeed SP:** soluble powder for oral administration
10. **Sico Selenevit E 202 SP:** soluble powder for oral administration
11. **Sicomin Calp SP:** soluble powder for oral administration
12. **Sico Vitamix SP:** soluble powder for oral administration
13. **Sicolytes SP:** soluble powder for oral administration
14. **Sico Aminovit SP:** soluble powder for oral administration
15. **Sicovit K3 20% SP:** vitamin K3 soluble powder for oral administration

G. NUTRITIONAL ORAL LIQUIDS & MINERALS

1. **Sico Vitaselect Oral:** selective well balanced solution for oral administration
2. **Sicomin Oral:** mineral solution for oral administration
3. **Sicovit-C 200 Oral:** solution for oral administration
4. **Sicovit-CE 150 Oral:** solution for oral administration
5. **Sico Anti-Stress Oral:** solution of vitamins, amino acids and trace elements for oral administration
6. **Sico Anti-Heat Stress Oral:** mentholated rehydrating and stress relieving solution for oral administration
7. **Sicovit AD3E 80 OS:** solution for oral administration
8. **Sicovit AD3E 86 OS:** solution for oral administration
9. **Sicovit AD3E 140 OS:** solution for oral administration
10. **Sico Vitamix Oral:** solution of essential vitamins for oral administration
11. **Sico Aminovit Oral:** solution of vitamins and essential amino acids for oral administration
12. **Sicovit K 200 Oral:** vitamin K solution for oral administration
13. **Sico Amino Tonic Oral:** solution of essential amino acids for oral administration
14. **Sico Vitesel 101 Oral:** vitamin E + selenium solution for oral administration
15. **Sico Supertonic Oral:** dietetic liquid supplement to correct fatty liver conditions
16. **Sico Growstim Oral:** growth stimulators, vitamins and minerals
17. **Sicovit BCK Oral:** well balanced combination of essential vitamins B, C and K
18. **Sicovit BCK High Oral:** well balanced combination of essential vitamins B, C and K
19. **Sico Organisol:** organic acid & amino-acid & chelated elements for oral administration
20. **Sicolytes:** electrolytes for oral administration
21. **Sico Megatonic:** solution for oral administration
22. **Sicochol-75 OS:** solution for oral administration
23. **Sico Methionine 80 OS:** selective well balanced solution for oral administration
24. **Sico Vit D3 OS**
25. **Sico Cal-D Mag OS**
26. **Sicomin Zn-Chel**
27. **Sicomin Zn Cu-Chel**
28. **Sicomin Cu-Chel**
29. **Sico Respistrength OS:** solution for oral administration
30. **Sico-Vit Prime Liquid**, liquid premixture for all animal species. Solution for oral use.
31. **Sico-Vit E+ SE Prime**, liquid premixture for all animal species. Solution for oral use.
32. **Sico-Vit ADE Prime**, liquid premixture for all animal species. Solution for oral use.
33. **Sico-Vit AA Prime**, liquid dietetic complementary feed for poultry and pigs. Solution for oral use.
34. **Sico-Lyte Prime**, vitamins & electrolytes solution for oral use.
35. **Sico-Tonic Prime**, liquid premixture for all animal species. Solution for oral use.

H. CLEANING & DISINFECTION

1. Poultry breeding: specially designed "total approach hygiene progam" of competitive disinfectants
2. Pig breeding: specially designed "total approach hygiene progam" of competitive disinfectants
3. Cattle breeding: specially designed "total approach hygiene progam" of competitive disinfectants
4. **Sicodis 5+:** Strong disinfectant for livestock products: Virucide + Bactericide + Fungicide = 1 product with 5 disinfectants: the disinfectant with the best price / performance rates.
5. **Sicogel** : Specific gelforming, strong alkaline cleaning product 30/240/1000 kg
6. **Sicodis-FC:** Alkaline chlorous foamcleaner with strong decontaminating action for the foodindustry
7. **Sicodis-C:** Alkaline, chlorous, non-foaming cleaning product for the foodindustry, for washing table & hatching eggs
8. **Sicodis-Water:** for a better drinking water hygiene!
9. **Sicodis-Viro:** concentrated disinfectant for general use in the food industry and transport equipment
10. **Sicodis-Handcleaner:** strong decontaminating cleaner for an excellent handhygiene in the food industry
11. **Sicodis-Hands Liquid:** for hygienic clean hands
12. **Sicodis-Hands Gel:** gel solution for hygienic clean hands
13. **Sicodis-Kicker:** the oxygen disinfectant that deals with all your hygieneproblems on the farm. Potent, versatile, safe and cost effective disinfectant
14. **Sicodis-Bio:** completely biodegradable natural hygienic disinfectant
15. **Sicopropre:** shampoo for animals
16. **Sicoxidine:** wound healing product, to be used after all veterinary surgical interventions
17. **Sicodis-Descal:** acid, foam-cleaner & descaler for the removal of protein, lime and iron deposits in the foodindustry
18. **Sicodis-Clean:** disinfectant for treatment of drinking water, equipment and CIP-installation in the foodindustry
19. **Sicodis-Hoof:** hoof-treatment product. Hardens the hoof, heals wounds and has a broad spectrum activity
20. **Sicodis-Phos:** acid cleaning product for CIP-installations in dairy & food industry
21. **Sicodis-Udderwash:** decontaminating, softening soap for cleaning the udder before milking

22. **Sicodis Lac:** first patented teat dip with natural fly repellent activity
23. **Sicodis Lac SD:** first patented teat dip/spray with natural fly repellent activity
24. **Sicodis SD:** sprayable teat dip with perfect adhesion
25. **Sicodis Starter:** the premium iodine teat conditioning dip
26. **Sicodis Xidin:** the first udder relaxing barrier teat dip
27. **Sicodis Xidin S:** the first udder relaxing barrier teat dip/spray
28. Potassium Permanganate: for use in poultry farming
29. **Sico Formol:** formaldehyde 40%
30. **Sicoblack 18-22:** black disinfectant RW 18 - 22

I. ANTI-PARASITES

1. Effitick 125 EC, Amitraz 125 g/l EC: acaricide and insecticide for control of animal ectoparasites
2. Effitick 200 EC, Amitraz 200 g/l EC: acaricide and insecticide for control of animal ectoparasites
3. **Sicodelthrin 5 EC:** Deltamethrin 50 g/l EC: insecticide for control of animal ectoparasites
4. **Sicodelthrin 1% Pour-on:** Deltamethrin 1% pour-on 500 ml / 1 ltr: for external pour-on usage
5. **Sicoperm 5 EC:** Permethrin 50 g/l EC: insecticide for control of animal ectoparasites
6. **Sicoperm 4% Pour-on:** Permethrin 4% pour-on: insecticide for control of animal ectoparasites
7. **Sicoperm 25 EC:** insecticide for control of animal ectoparasites
8. Diazidip 16.2% EC, Diazinon 162 g/l EC: insecticide for control of animal ectoparasites
9. Diazidip 60% EC, Diazinon 600 g/l EC: for treatment and prevention of external parasites of domestic animals
10. **Sicolin 25 WP:** Lindane 25 WP: insecticide for control of animal ectoparasites
11. **Sicocyper 2% HI-CIS Pour-on:** insecticide for control of animal ectoparasites
12. **Sicocyper 3% HI-CIS Pour-on:** insecticide for control of animal ectoparasites
13. **Sicocyper 10 EC:** veterinary insecticide for the control of animal ectoparasites
14. **Sicocyper 35 EC:** veterinary insecticide for the control of animal ectoparasites

J. GENERAL FEED ADDITIVES & INGREDIENTS

1. AMINO ACIDS

- 1.1 L-Lysine Mono HCl
- 1.2 L-Lysine Mono Sulphate
- 1.3 DL-Methionine
- 1.4 Methionine-MHA 97%
- 1.5 L-Threonine
- 1.6 L-Tryptophane
- 1.7 **Sicomethio-Zn 20/10:** Zinc Methionine

2. ANTIBIOTICS & GROWTH PROMOTERS

- 2.1 Apramycin sulfate min. 55%, min. 45%, min. 10%
- 2.2 Arsanilic acid 100%
- 2.3 Avilamycin
- 2.4 Carbadox 5.5% premix
- 2.5 Carbadox 10% and 98-100%
- 2.6 **Sicoflavo Flavophospholipol 2%, 4%, 6%**
- 2.7 Furaltadone HCl
- 2.8 Furazolidone
- 2.9 Neomycin sulphate
- 2.10 Nitrovin 25% and 95-98%
- 2.11 Olaquindox 10% and 98-100 %
- 2.12 Oxytetracycline 10% - 20% - 50% and HCl
- 2.13 Spiramycine 20%
- 2.14 Virginiamycine 40% and 50%
- 2.15 **Sicobac 100** powder or granular, Zincbacitracin 10%
- 2.16 **Sicobac 150** granular, Zincbacitracin 15%
- 2.17 Thyroprotein
- 2.18 Tylosin Phosphate 10%, 25%, 33%
- 2.19 Chlortetracycline 10%, 25%
- 2.20 Kitasamycin 10%, 50%
- 2.21 Lincomycin HCl 11%
- 2.22 Colistin Sulphate 10%
- 2.23 Tilmicosin 20%
- 2.24 Tiamulin 20%

- 2.25 Enrofloxacin 10%, 20%
 2.26 Flavomycin 4%, 8%

3. ANTI-OXIDANTS

- 3.1 B.H.A.
 3.2 B.H.T.
 3.3 Ethoxyquin 98% liquid (**Sicoxyquin-L**)
 3.4 Ethoxyquin 66.6% dry-powder (**Sicoxyquin-D**)
 3.5 Propyl Gallate

4. COCCIDIOSTATS & ANTI-BLACKHEADS

- 4.1 General introduction
 4.2 Abamectin (Avermectin)
 4.3 Amprolium 25%
4.4 Sicamprol plus (amprolium 25% + ethopabate 1.6%)
 4.5 Dimetridazole
 4.6 D.O.T. (dinitro-orthotoluamide) 25% and 98%
 4.7 Halofuginon 0.6%
 4.8 Lasalocid Sodium 15%
 4.9 Meticlorpindol + Methylbenzoquate
 4.10 Ivermectin
 4.11 Maduramycin 1%, 5% and 10%
4.12 Sicopidol Meticlorpindol 25% and 98-100%
 4.13 Monensin sodium 10%, 20%, 30%, 98%
 4.14 Narasin 10%
 4.15 Nicarbazin 25% and 98%
 4.16 Robenidine 6.6%
 4.17 Ronidazole 12%
 4.18 Salinomycin Sodium 6% and 12%
 4.19 Diclazuril 0.5%
 4.20 Sulfaquinoxoline
 4.21 Maduramycin Ammonium 1%, 10% and 90%
 4.22 Sico Animal Health care products & feed additives, ex China
 4.23 Sico Feed Additives, survey produced in China (under Sico brands & packings)
 4.24 Sico Animal Feed Additives & Raw Materials; survey

5. MINERALS & OLIGO ELEMENTS

- 5.1 General introduction - Sico trace elements
 5.2 General introduction - Sico macro elements
 5.3 General introduction - Sico minerals
 5.4 Feedgrade trace elements & feed additives from China

Arsenicum Arsanilic acid 98-100%

Ferrous arsanilate

Sodium arsanilate

Calcium **Calcium carbonate**, powder & granular

TOPSELLER !

Cobalt Cobalt carbonate 46% and 52% Co

Cobalt chloride 25% Co

Cobalt sulphate 20/21% Co

Cobalt sulphate 33% Co

Cobalt phosphate

Cobalt dioxide

Copper Copper carbonate

Copper oxyde 77% Cu

Copper sulphate 25% Cu

Iodine Calcium iodate 62% I

EDDI 80%

Potassium iodide 58% I

Potassium iodide 67% I

Iron Iron fumarate 33% Fe

Iron oxide 67% Fe

Ferrous carbonate 31% & 41% Fe

Ferrous sulphate monohydrate 30% Fe (Sicofer-30)

Sicofer-20: Ferrous sulphate heptahydrate, freeflow 19-20% TOPSELLER !

Ferrous sulphate pentahydrate, 24% Fe (Sicofer-24)

<i>Magnesium</i>	Calcined Magnesite 92% MgO Magnesium carbonate Magnesium oxide 50-54%, 80-85% and 84-86% MgO Magnesium silicate (prevents lumping)
	Sico-Mag 16: Magnesium sulphate heptahydrate 16% MgO
	Sico-Mag 32: Magnesium sulphate anhydrous 32% MgO
<i>Manganese</i>	Manganese carbonate 44% Mn Manganese oxide 62% Mn Manganese dioxide 83 and 92% MnO ₂ Manganese sulphate monohydrate 32% Mn Manganese sulphate heptahydrate 53% Mn
<i>Molybdenum</i>	Sodium molybdate 36% Mo
<i>Potassium</i>	Potassium chloride Potassium sulphate
<i>Selenium</i>	Sodium selenites 45% & 46% Se Sodium selenite premixes 1% and 4.5% Se
<i>Sodium</i>	Sodium bicarbonate Sodium chloride Sodium sulphate
<i>Sulphur</i>	Sulphur powder
<i>Zinc</i>	Zinc carbonate 54% Zn Zinc oxide 72-75-78-79% Zn Zinc sulphate 35-36% Zn monohydrate Zinc sulphate 22% Zn heptahydrate (Sico Zinc)

TOPSELLER !

SICO oligo element premixes 0.1% use

6. PIGMENTERS

- 6.1 Canthaxanthine
- 6.2 Capsanthine
- 6.3 Xantophyll
- 6.4 Beta Cartone
- 6.5 Astaxanthin
- 6.6 Citranaxathin
- 6.7 **Sicol** natural pigmenters (ex China)
- 6.8 **Sicofin**; a pigment consisting of yellow and red xanthophylls extracted from lower petals and fruits

7. PRESERVATIVES & MOULD INHIBITORS

- 7.1 Sicalprop Calcium propionate
- 7.2 Potassium sorbate
- 7.3 Propionic acid
- 7.4 Sodium propionate
- 7.5 Sorbic acid
- 7.6.1 Sodium Butyrate 98% coated
- 7.6.2 Sodium Butyrate 30%, 50%, 90% for use in poultry and pig feeds.
- 7.7 Coated Butyric Acid 30%
- 7.8 Sodium Formate
- 7.9 Formic acid 75% en 85%

8. VITAMINS

- 8.1 Introduction: role of vitamins in animal nutrition
- 8.2 **Sico Aminovit**, water soluble vitamins & aminoacids mix
- 8.3 **Sicochol choline chloride** on carrier: - corn cobs 50%, 60% and 70% (**Sicochol C50 / C60 / CP70**)
- silicium dioxide 50% and 70% (**Sicochol S50 / S70**)
- 8.4 Choline chloride 75% liquid (**Sicochol L75**)
- 8.5 Vitamin PP (Nicotinamide)
- 8.6 Vitamin PP (Nicotinic acid Niacin)
- 8.7 Vitamin A Acetate 500
- 8.8 Vitamin A Palmetate
- 8.9 Vitamin A Propionate
- 8.10 Vitamin D3 500 (cholecalciferol)
- 8.11 Vitamin E 50% (tocopherol)
- 8.12 Vitamin E Acetate
- 8.13 Vitamin AD3 500/100
- 8.14 Vitamin AD3 750/150

- 8.15 Vitamin B1 HCl (thiamine HCl)
- 8.16 Vitamin B1 Mono (thiamine mononitrate)
- 8.17 Vitamin B2 (riboflavin)
- 8.18 Vitamin B5 (d-calcium pantothenate)
- 8.19 Vitamin B6 (pyridoxine HCl)
- 8.20 Vitamin B9 (folic acid) 1%
- 8.21 Vitamin B12 (cyanocobalamin)
- 8.22 Vitamin C (ascorbic acid)
- 8.23 Vitamin C 35% monophosphate
- 8.24 Vitamin C 50% coated
- 8.25 Vitamin H, Biotin 2% - 10% - 98%
- 8.26 Vitamin K3 (MSB)
- 8.27 Vitamin K3 (MNB)

K. FEED RAW MATERIALS

1. ANIMAL PROTEINS (offered only as per E.U. regulations, subject availability)

- 1.1.1 **Sicorgan** Meatbonemeals
- 1.1.2 **Sicorgan** Hydrolyzed Feathermeals
- 1.2. **Sicorgan** Porcine Meatbonemeal 42-44 %
- 1.3. **Sicorgan** High Fat Meatbonemeal 43-45 %
- 1.4. **Sicorgan** High Fat Meatbonemeal 56-58 %
- 1.5. **Sicorgan** High Fat Greaves Meal 75 %
- 1.6. **Sicorgan** High Fat Meatbonemeal 45 % (ex Brasil)
- 1.7. **Sicorgan** Hydro Feathermeals 75 % and 80 % (ex China)
- 1.8. **Sicopro** intro
- 1.8.1 **Sicopro CP70** bovine plasma, powder
- 1.8.2 **Sicopro CP80** bovine plasma, powder
- 1.8.3 **Sicopro CP95** bovine hemoglobin, powder
- 1.8.4 **Sicopro CP70** porcine plasma, powder
- 1.8.5 **Sicopro CP90** porcine globin, powder
- 1.8.6 **Sicopro CP92** porcine haemoglobin, powder
- 1.8.7 **Sicopro CP70-M** porcine bovine plasma, powder
- 1.8.8 **Sicopro CP95-M** porcine bovine hemoglobin, powder

2. SOYA LECITHINS & SOYA PROTEINS

- 2.1 Soya flavour
- 2.2 Soya concentrates
- 2.3 Soya protein isolates
- 2.4 Deoiled lecithins
- 2.5 Lecithin powders
- 2.6 Lecithin liquids

3. MILK PROTEINS

- 3.1 Acid and sweet whey powder spray CP 11%
- 3.2 Skimmed milk powder (low - medium - high heat)
- 3.3 **Sicokolac**: the non-hygroscopic alternative to pure lactose
- 3.4 **Sicomak**: lactose and whey protein carrier solution. (partly delactosed whey powder)

4. SICALPHOS FEED PHOSPHATES

- 4.1 **Sicalphos** Feedgrade phosphates, specifications (ex China)
- 4.2 **Sicalphos TCP 18** tricalcium phosphate min. 18% powder (P) and granular (GR)
- 4.3 **Sicalphos DCP 18** dicalcium phosphate min. 18% powder (P) and granular (GR)
- 4.4 **Sicalphos MDCP 21** mono dicalcium phosphate min. 21% powder (P) and granular (GR)
- 4.5 **Sicalphos MCP 22** mono calcium phosphate min. 22% powder (P) and granular (GR)

5. FISH PROTEINS

- 5.1 Sico Fish meal, fishmeals (ex China)
- 5.2 **Sicoprofish CP60%**: Fishmeal replacer & analogue (high protein & high aminogram protein supplement)
- 5.3 Squid Meal 80, squid meals
- 5.4 Artemia Cysts, brine shrimp meals (ex China)
- 5.5 Danish Prime Quality Fish Meal
- 5.6 Danish Crude Fishoil

- 5.7. Danish Aquality Fish Meal
- 5.8. Danish LT Fish Meal
- 5.9 . Danish Con-Kix Fish Meal
- 5.10. Squid liver meal (ex China)
- 5.11. Squid liver paste (ex China)
- 5.12. Squid liver oil (ex China)

6. VEGETABLE PROTEINS

- 6.1 Toasted soyabeanmeals 44 and 48 % Profat
 - 6.2 Vital wheat gluten meal
 - 6.3 Corn gluten meal
 - 6.4 Rice gluten meal
 - 6.5 Dehydrated Alfalfa meal
 - 6.6 Dehydrated Beet pulp
 - 6.7 Wheat flour
 - 6.8 Corn flour
 - 6.9 Potato protein CP75%
- SEAWEED BASED FEED SUPPLEMENTS:**
- 6.10 Kelpmeal, ascophyllum nodosum
 - 6.11 Seaweed Meal, from selected seaweed varieties
 - 6.12 Seapower seaweed powder feedgrade, made in China
 - 6.13 Seapower Kelp Powder (green) for feed
 - 6.14 Seapower Kelp Powder (brown) for feed
 - 6.15 **Sicalg**, ascophyllum nodosum feedgrade
 - 6.16 **Sicomineral**, 100% algal product, composed of 75% lithothamne + 25% Sicalg
 - 6.17 **Sicotali**, laminaria digitata algae food supplement esp. in case of iodine deficiency
 - 6.18 Spirulina powder, feedgrade, min. 50% protein

7. YEAST PROTEINS

- 7.1. **Sicoyeast** dried brewer's Yeast CP 45 / CP 48
- 7.2 **Sicobrew**, inactive dry brewer's Yeast
- 7.3 **Sicocell**, inactive dry brewer's Yeast
- 7.4 **Sicoyeast** molasses yeast
- 7.5 **Sicoyeast** Torula Yeast
- 7.6 **Sicoyeast** active dried Yeast
- 7.7 **Sicoyeast** inactive dried Yeast 40% protein
- 7.8 **Sicoyeast** Yeast cell wall
- 7.9 **Sicoyeast** Selenium Yeast 1000ppm/2000ppm
- 7.10.1 **Sicotop** Selenium Yeast CP45
- 7.10.2 **Sicotop** brewer's Yeast CP42
- 7.10.3 **Sicotop** Yeast 450
- 7.10.4 **Sicotop** Yeast 500
- 7.10.5 **Sicotop** Yeast Hydro

8. MISCELLANEOUS

- 8.1 Sico egg powders
- 8.2 Oystershells
- 8.3 Urea, feedgrade, Micro prills (can also be used as soluble foliar grade fertiliser)
- 8.4.1 Zeolite farm feed
- 8.4.2 Zeolite natural agriculture
- 8.4.3 Zeolite natural nutrition
- 8.4.4 Zeolite natural aquaculture
- 8.5 Sico Sodium Humate
- 8.6 Kaolin (for use in feed as binding & anticaking agent)
- 8.7 Dolomite
- 8.8 Calcium Carbonate

9. FEED FATS

- 9.1 Sico high quality fat ingredients for piglets, ruminants and poultry
- 9.2 Sicofat Spray 60-L: highly digestible fat for piglet feeds (fat filled whey enriched with lecithin)

**L. VETERINARY RAW MATERIALS****M. "TAILOR-MADE" FEEDMILLS**

For more than 30 years, SICO has been active in designing and supplying feedmilling units which have been set up in Europe, Africa and Asia.

Our wide range enables us to realise units from 1 to 20 T per hour with all the alternatives wished by our customers (possibly automated and computer controlled). Our sales and engineering department is at your disposal to advise you.

We give further **assistance** by supplying our Sico premixes & protein concentrates & feed ingredients and least cost feed formulation service based on locally available raw materials to make the project a success.

N. AGRICULTURAL EQUIPMENT

- Tractors and accessories

* Products protected by a valid patent or forbidden for use in country of destination are not offered. Buyer bears sole responsibility and should check this with his local authorities.

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COMMITTED TO MAKING YOU OUR BEST CUSTOMER