

# LIST OF PRODUCTS AND ITEMS USED IN AGRICULTURE AND ANIMAL RESOURCES TO BE EXONERATED

## **I. BREEDING (Reproductive) ANIMALS**

Heifers and Bulls

1. Pigs
2. Goats and sheep
3. Day old chicks
4. Rabbits
5. Fingerlings
6. Frozen Semen and embryo

## **II. RESIDUES AND INDUSTRIAL FOOD WASTES AND PROCESSED FEEDS FOR ANIMALS**

- Fish meal
- Wheat bran
- Maize bran
- Sugarcane molasses
- Sunflower cake
- Soyabean cake
- Palm kernel cake
- Groundnut cake
- Cotton seed cake

## **III. SALT LICKS AND MINERAL SUPPLEMENTS:**

- Salt licks
- Mineral
- Vitamin premixes
- Mineral boluses

## **IV. VETERINARY PHARMACEUTICAL PRODUCTS**

4.1. Vitamins for veterinary use

4.2. Hormones: Gonadotropins, Oxytocin, Progesterone, PMSG, HCG, Prostaglandins (PGF<sub>2</sub>)

4.3. Antiprotozoa

Trypanocides:

Trypamidium, Samorin,...

Piropasmides: Berenil, Diminazene,...

Antithelarian: Butalex, Imizol,...

Coccidiostatic: Amprolium,...

Anticoccidians: Nitrofurannes, Nitrofurural, Furazolidone, Nitrofurantoine,...

4.4. Anthelmintic:

Imidazole products

- Benzimidazoles: Albendazole, Cambendazole, Fembendazole, Flubendazole, Mabendazole, Oxfendazole, Oxibendazole, Thiabendazole

- Proimidazoles: Febantel, Thiophanate
- Imidazothiazoles: Tetramisole, Levamisole, Ivermectine, Nitroscanate, Nitroxinil, Phenothiazine and products
- Organophosphorous : Bromophenophos, Dichlorovos, Haloxon, Naphtalophos
- Piperazine (base and salt)
- Pyrimidine and salicylamid product : Brotiamide, Clioxamide, Closantel, Niclfolan, Niclosamide, Oxyclosamide, Rafoxanide, Rezorantel.

#### 4.5. Acaricides

- Deltamethrin 5%: Spray
- Flumethrin 6%: Spray
- Organophosphorous: Carbophenothion: Fenthion
- Benoxaphos: Malathion
- Couphamos: Tetrachlorviphos
- Fenachlorphos: Metrifonate

#### 4.6. Antibiotics

- I. Beta-lactamines: -Penicillines(Original and synthetic products)
  - Penicilline-Procaïne, Benzathine-Penicilline,
  - Extencilliline, Ampicilline, Methycilline,
  - Cephalosporines for veterinary use
- II. Streptomycines: extracts of various sources of Streptomyces, Gentamycine, Kanamycine, Neomycine, Novobiocine for veterinary use
- III. Chloramphenicol: Thiamphenicol for Veterinary use
- IV. Tetracyclines: tetracycline, Aureomycine, Terramycine (Oxytetracycline) for veterinary use
- V. Polypeptidic antibiotics: Gentamycine, Kanamycine, Tyrothrycine, PolymyxineB for veterinary use
- VI. Macrolides and related antibiotics: Spiramycine, Oleandomycine, Tylosine
- VII. Antifongic antibiotics: Fudicine for veterinary use
- VIII. Various antibiotics for veterinary use

#### 4.7. Sulfamides for veterinary use only

- I. Sulfamides for general action
  - Sulfanilamide, Sulfamerazine, Sulfadimidine

#### 4.8. Antipyretic for veterinary use: Novalgin

- Anthistaminic for veterinary use
  - Phenbenzamine, Promethazine (Phenergan), Alimemazine, Oxomemazine

#### 4.10. Antiflammatories for veterinary use

- a) Glucocorticoides (or steroidians antiflammatories) for veterinary use:
  - Cortisone, hydrocortisone(cortisol), prednisolone, medrol
- b) non Steroidians Antiflammatories and minor analgesic for veterinary use:
  - Salicyclics:
    - Salicycllic Acid(under sodium salicyclate form)
    - Salicycllic acetyl acid(=aspirine) and its by-products.

#### 4.11. Pyrazols: antipyrine, amidopyrine, Oxyphenbutazone

#### 4.12. Acetanilides: Acetanilide, Phenacetine, Paracetamol, Indomethacine, Sulindac

- 4.13. Indolics and related products: Indomethacine, Sulindac
- 4.14. Quinoleins: Glafenine
- 4.15. Phenothiazines: Protizinic acid, methiazinic acid
- 4.16. Nervous system medicines for veterinary use: Xylazine(Chlorhydrate)  
Rompum, Procaine and related products, atropine sulphate, Strichnine.
- 4.17. Medicines of the digestive tube for veterinary use:  
*Adsorbants*: Kaolin, Pectines, Hydroxide and salicylate of aluminium.  
*Acidifiers*: lactic Acid  
*Alcalinifiers*: Sodium bicarbonate, Magnesium
- 4.18. Medicines of the respiratory apparatus for veterinary use:  
*Anticough*: Belladone, Atropine  
*Expectorants*: Potassium iodide, kermes, terpine by-products
- 4.19. Medicines for cardio-vascular and blood system for veterinary use:  
Digitaline, digitoxone, ouabaine, quinidine, caffeine, theophylline, theobromine,  
Camphre.  
*Vasoconstrictors* : Adrenaline, ergometrine, oxytocine.  
*Coagulants* : Vitamin K  
*Anticoagulants* : Heparine, Antivitamines K
- 4.20. Energizers for veterinary use :  
Phosamines (Catosol)  
Vit A D E  
Calsimag (calcium gluconate)
- 4.26. Vaccines for veterinary use
- 4.27. Serum for veterinary use

## **5. VETERINARY MATERIALS**

### 5.1. Technical material and equipment

- Foetal extractor + laques
- Complete embryotome
- Instrument box (big size)
- Instrument box (small size)
- Burdizzo claw (big size)
- Burdizzo claw (small size)
- Irrigator
- Nail cutter claw (big size)
- Poly butler case
- Plexiglas Syringe 20 ml
- Plexiglas Syringe 10 ml
- Plexiglas Syringe 5 ml

- Automatic Syringe 30 ml
- Needle IM Luer 14 G, 10 pieces
- Needle IM Luer 15 G, 12 pieces
- Needle IM Luer 16 G, 12 pieces
  
- Complete perfuser
- Mouchette claw + Lague
- Serre-jarret
- Lance bolus
- Ear ring clip
- Probing
- Saw (12 m)+handle
- Intramammary probe
- Trayotome
- Walkman Curette
- Trocar (big size)
- Trocar (small size)
- Grooved probe
- Hemostatic claw straight 16cm with mouse teeth
- Hemostatic claw curved 16cm with mouse teeth
- Pince porte de Mayo
- Uterine-clip (big size) 24cm
- Uterine-clip (small size) 16cm
- Suture needle, 12 pieces
- Sharp straight Scissors 16cm
- Sharp curved Scissors 16cm
- Pince à champs
- Champs operatoires non troués
- Autopsy kit for veterinary use

### **FISHING AND PISCICULTURAL MATERIAL**

- Fishing nets and contour
- Turning seine
- Pond seine
- Landing-net
- Incubator for fish eggs
- Water sampler
- Plankton net
- Echo-probe and accessories
- Oxygen pump during transport of fingerlings
- Aquarium fish
- Chemical products for limnology
- Limnological kit

### **7. LIVESTOCK MATERIAL**

- Forage crop seeds: Grasses and legumes
- Milking machines and their accessories
- Hay Baler

- Milk tanks (200-3000l).
- Milk refrigerating Tanks
- Milk cans: 5,10, 20L, 50L, 100L.
- Barbed wire
- Forage chopper
- Wire mesh
- Hoes
- Spades
- Wheel barrow
- Panga (machete)
- Livestock identification items (ear tags & branding equipment)

## **8. POULTRY**

- Feed trough
- Water trough

## **9. INSEMINATION MATERIAL**

- Biostat
- Applicator
- Spare parts for the machine which products liquid nitrogen
- Laboratory material for semen analysis

## **10. APICULTURAL MATERIAL**

- Queen excluders
- Smokers
- Queen cages
- Tap for Extractors
- Eperon-bloc
- Fourchette à désoperculer
- Maturateur

## **11. FARM MACHINERY, TOOLS, IMPLEMENTS AND IRRIGATION EQUIPMENTS**

- Farm tractor and spare parts
- Disc plough
- Chisel plough
- Rotary plough
- Mouldboard plough
- Disc harrow
- Paddy harrow
- Teeth harrow
- Tillers
- Tine cultivators
- Seeders and spare parts
- Rice transplanters and spare parts
- Weeders and spare parts

- Manure spreader and spare parts
- Fertilizer spreader and spare parts
- Boom sprayer and spare parts
- Knap sack sprayer and spare parts
- Threshers and spare parts
- Winnower

Grain silos and spare parts

Hoes

Irrigation pumps and accessories and spare parts

### **RICE PROCESSING EQUIPMENTS AND MACHINERY**

- Grain dryers and spare parts
- Paddy cleaner and spare parts
- Shutter scale
- Bag sewing machine and spare parts
- Automatic packet
- Paddy husker
- Destoner

### **RICE LABORATORY EQUIPMENTS**

- Testing huster
- Testing mill
- Testing thickness grader
- Testing rice grader
- Grain color sorter
- Grain trier
- Sample divider
- Grain counter
- Moisture meters and spare parts
- Grain crack inspector and spare parts
- Milling meters
- Sieves
- Small scales

### **OTHERS MATERIALS**

- Agriculture mecanisation equipment and accessories and spare parts
- Matériel de conditionnement des semences et accessoires et pièces de rechanges
- Material, equipment & products for laboratory seed
- Arrosoirs
- Billonneur
- Binette
- Brouette
- Cisaille
- Coupe-coupe
- Faucille
- Fourche
- Hache

- Hacheuse
  - Machette
  - Manche houe
  - Manche râteau
  - Mortier pilon
  - Pelle
  - Pioche, pics
  - Pluviomètre
  - Pots
  - Poudreuse
  - Rasette
  - Râteau
  - Rayonneur
  - Scies
  - Secateur
  - Trident
  - Tuyau arrosage
  - Tamis sable
  - Toile protecteur Oiseaux
  - Humidimètre et pieces de rechange
  - Atomiseur et pieces de rechanges
  - Eprouvettes
  - Bottes
  - Lunette de protection
  - Masque antigaz
- Emballages de semences et d'autres produits agricoles

## **12. AGRICULTURAL INPUTS**

### **FERTILIZERS**

- Nitrogen fertilizers : urea 46%
- Phosphates fertilizers
- Potash fertilizers : KCL
- CAN (inconnu)
- Ammonium sulfate
- Compound fertilizers : DAP 18-46-0 ; NPK 17-17-17; NPK20-10-10; NPK 20-5-5
- Micro-nutrients fertilizers
- Agricultural lime
- Others fertilizers mineral or chemical
- Seeds for agricultural production

### **INSECTICIDES AND ACARICIDES**

- Abamectin
- Acephate WP
- Acrinathrin EC
- Alphamethrin EC
- Amitraz EC

- Azocyclotin WP
- Bêta-cyfluthrin 2,5% EC
- Bifenthrin 0,05%PP, 80g/l
- Bromopropylate EC
- Carbofuran 2,5%, 5% Granules
- Chlorpyriphos-ethyl 48%EC, 5%Granules
- Chlorpyriphos-methyl 50%EC
- Clofenzine EC
- Cyfluthrin 2,5%EC, 5%EC
- Cypermrthrin 10%EC
- Deltamethrin 2,5%EC, WP, Tablets
- Dichlorvos EC
- Dienochlor WP
- Dimethoate 40%EC
- Fenazaquin SC
- Fenbutatin oxyde SC
- Fenitrothion EC
- Fenthion 50%EC
- Fenvalerate EC
- Fipronil 0,05 RB, 25g/lFS
- Flufenoxuron EC
- Flumethrin EC
- Hexythiazox WP
- Imidachlopride 200g/l SL, EC; 350g/l SL, EC
- Lambda-cyhalothrin 50g/l EC
- Methomyl SL
- Omethoate EC
- Permethrin 0,5%PP; 0,7%EC; 10%EC, 20%EC; 25%EC
- Phosphure d'aluminium (PH3) : pills, tablets et plates for fumigation
- Pyrimiphos-methyl 2%PP
- Tau-fluvalinate EC
- Tebufenpyrad WP
- Teflubenzuron SC
- Teradifon EC

## **FUNGICIDES**

- Azoxystrobin SC
- Benomyl 50%WP
- Bitertanol EC
- Buprimate EC
- Carbendazime + chlorothalonil EC
- Chlorothalonil
- Cuivre+Chlorothalonil 250g/l WP
- Cuivre+propineb 37% + 17% WP
- Cuivre hydroxyde WP
- Cymoxanil + propineb
- Dichlofluanid WP
- Difenaconazole EC
- Dimethomorphe + mancozeb 69%WP

- Dithianon SC
- Dodemorph
- Epoxiconazole + carbendazime EC
- Fenarimol EC
- Flutriafol + thiabendazole EC
- Flutriafol 125g/l SL, EC
- Fluzilazole EC
- Folyoxin-al\*
- Fosetyl-aluminium WG
- Hexaconazole SW
- Iprobenfos 480g/l EC
- Iprodione SC
- Kresoxim-methyl WP
- Mancozeb + metalaxyl 65,5% WP, 68% WP
- Mancozeb 80% WP
- Metiram WG
- Micronised Sulphur WG
- Oxychlorure de cuivre
- Penconazole EC
- Propamocarb hydrochloride SL
- Propineb 70% WP
- Pyrimethanil SC
- Tebuconazole WP, EC
- Thiabendazole EC
- Thiophanate methyl SC
- Thirame 80% WP
- Tricyclazole 75% WP
- Triforine EC
- Vinchlozoline 50% SL

## **HERBICIDES**

- 2,4 D (acide (dichloro-2,4phenoxy) acétique)
- Acide organique halogéné : dalapon 85% WP
- Glyphosate 360g/l SL, Granulés
- Lasso-atrazine, EC
- Methribuzin
- Metolachlor 960g/l EC
- Paraquat 40g/l SL
- Propanil 360g/l
- Triazine : Atrazine 500g/l SC, Ametryne 500g/l SC
- Trifluraline + linuron EC

## **RODENTICIDES**

- Brodifacoum
- Bromadiolone
- Bromadiolone + cumatetralyl + sulfaquinox
- Coumatetralyl
- Difenacoum

## **NEMATICIDES**

- Aldicarbe
- Phenamiphos
- Dazomet 98%G

## **MOLLUSCICIDES**

- Metaldehyde 5 G
- Mercaptodimethur

## **REGULATEURS DE CROISSANCE**

Daminozide 85% SP

Substances à composition complexe: rootone ; speedone ; etc

## **HUILES ADJUVANTES**

- Alkyl phénol/éthylène oxyde EC

## **MOYENS BIOLOGIQUES**

- Bacillus thuringiensis

## **PHYTOSANITARY TOOLS**

- Agricultural gloves (Neoprene)
- Agricultural goggles
- Agricultural masks
- Masks for toxic gas and spare filter
- Motor pumps on roulette and spare parts
- Over rolls
- Powder machine
- Sprayers and spare parts

## **SPRAYERS ELECTRIC MOTORS**

- Spraying Hosepipes
- Sticks for rats
- Sticks trap for rats and insects
- Sulphur evaporators
- Ultra Low Volume instrument (sprayer)
- Plastic shee

## **13. EXTENSION AND MARKETING INPUTS**

### **STORAGE EQUIPMENT**

- Volcani cube and spare parts

- Grain safe and spare parts
- Oxygen meters
- Moisture meters.

### **COFFEE PRIMARY PROCESSING EQUIPMENT**

- Disk pulper machines (single, double, triple and quadruple disk)
- Drum pulper machines
- Spare part for drum pulpers and disk pulper machines
- Sisal drying nets
- Polyethylene shade nets
- Polyethylene cover plastics (Nylex)
- Sisal bags
- Plastic bags
- Plastic bags for coffee nurseries

### **COFFEE LABORATORY EQUIPMENT**

- Coffee bean moisture meter
- Coffee bean sample roaster
- Laboratory coffee cupping equipment

### **FARMS TOOLS**

- Secators (Secateurs)
- Scies
- Arrosoirs