



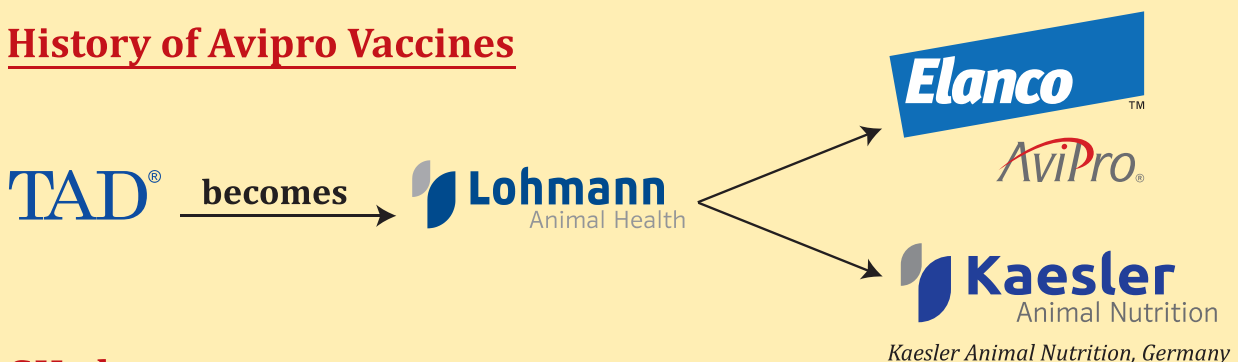
Golden Harvest is a specialized distribution company focusing on B2B products for the Poultry industry. It represents and serves as authorized distributor for leading European and US companies marketing world class products in Pakistan including Poultry Vaccines, Disinfectants, Feed milling equipment and Liquid feed supplements.

Golden Harvest was founded in 1981 by Mr. Saeed Ahmed (Late) working initially as representative of Lohmann TierZucht, Germany, selling day old breeder chicks to Poultry companies in Pakistan. Since then, Golden Harvest has continued to expand its product range within poultry. Ms. Sadaf Saeed D/o Mr. Saeed Ahmed currently leads the GH Team as CEO.

Our vision is to form and maintain long term preferred partnership & distribution with our principles and our customers by marketing high quality products and solutions that help them achieve their business objectives. The cornerstone of our team strategy is maximizing synergy. The team is a mix of senior and junior professionals dedicated not only to their jobs but to finding better solutions for every situation at hand.

GH is looking forward to a bright start of a new decade 2020.

History of Avipro Vaccines



GH also represents



AviPro® ND VISOTA

Description: A live virus vaccine of chicken embryo origin presented in lyophilized form, (B1 type, Lasota strain).

Indications: This product is recommended for both the initial vaccination and re-vaccination of chickens as an aid in the prevention of Newcastle Disease.

Administration: Drinking water or coarse spray or eye dropping.

AviPro® AE

Description: Live vaccine (aqueous suspension) for poultry against Avian Encephalomyelitis (1143 Calnek strain).

Indication: For administration via drinking water. The vaccine should not be given before the 10th week of life and not later than 4 weeks before the start of laying.

AviPro® ND LASOTA (Cloned)

Indication: This product is recommended for both the initial vaccination and re-vaccination of chickens as an aid in the prevention of Newcastle Disease.

Administration: Drinking water or coarse spray or eye dropping.

AviPro® POX CEO

Description: Live vaccine (freeze-dried) for poultry against Fowl Pox. A chick embryo propagated product (FPC strain).

Indications: This product is recommended for the initial vaccination at 5 weeks of age or older and re-vaccination of chickens as an aid in the prevention of Fowl Pox.

Administration: Wing-web application.

AviPro® THYMOVAC

Description: Live vaccine (freeze-dried) for poultry against Chicken Infectious Anaemia (Cux-1 strain).

Administration: Drinking water. Vaccinate from 8 weeks of age, at least 6 weeks before on set of lay.

AviPro® PRECISE

Description: Live intermediate vaccine (freeze-dried) for poultry against Infectious Bursal (Gumbro) Disease (LC-75 strain).

Administration: Drinking water from 7 to 12 days.

AviPro® ND-IB SOHOL

Description: A live virus vaccine of chicken embryo origin containing the Lasota strain of Newcastle Disease virus, which is of lentogenic B1 Type and the Holland strain, a Massachusetts type of Infectious Bronchitis virus. The vaccine is presented in lyophilized form.

Indication: This product is used for initial vaccination and re-vaccination of chickens as an aid in the prevention of Infectious Bronchitis, and Newcastle Disease.

Administration: Drinking water or Intranasal or intra-ocular or spray.

AviPro® IBD XTREME

Description: Live intermediate plus vaccine (freeze-dried) for poultry against Infectious Bursal Disease, containing the embryo adapted V217 strain derived from winterfield 2512 strain.

Indications: This vaccine is recommended as an aid in the prevention of Infectious Bursal (Gumboro) Disease in chickens.

Administration: Drinking water from 12 to 21 days.

LOVIT Blue C

It is an effervescent blue granule for use as a water treatment agent when administering live vaccines. Specially formulated to minimize the potential adverse effects of chlorine residue and balance pH, it also contains a food approved dye for visualization of water flow in drinking lines.

Activity Per liter: Sodium hydrogen carbonate – Lactose – Ascorbic acid – Skim milk powder – Sodium carbonate –

Citric acid anhydrate – Patent blue

Recommended dosage: min. 100 g per 800 liters of drinking water or min. 25 g (1 measuring spoon) per 200 liters of drinking water detailed recommendation for more intense coloring available on request.

Packaging: Sachets in cartons of 24 x 100 g net with measuring spoons.



AviPro® 105 ND Chick

Description: Newcastle Disease, B1 Type, Lasota strain.

Indication: Recommended for the vaccination of young chicks as an aid in prevention of Newcastle Disease. Inject subcutaneously using aseptic technique. Vaccinate chick between 1 and 10 days of age. Highly concentrated small dosage (0.1ml/chick) easily injectable with less reaction on skin.

Pack Size: 5000 doses/bottle.



AviPro® 108 FC3 Platinum

Description: A water-oil-water (WOW) emulsion.

Indications: Recommended for the vaccination of chickens against Fowl Cholera caused by Pasteurella Multocida, Type 1, Type 4 and Type 3x4 in chickens. Inject subcutaneously or intramuscularly using aseptic technique between 12 to 16 weeks of age. 0.25 ml dose size.

Pack Size: 500 ml



AviPro® 201 ND-IB

Description: Produced with a high titering strain of Newcastle Disease virus, B1 Type Lasota strain and the Massachusetts strain of Infectious Bronchitis virus, suspended in a stable oil emulsion.

Indications: For the vaccination of breeder hens and replacement pullets as an aid in the prevention of Newcastle Disease and Infectious Bronchitis. Inject subcutaneously using aseptic technique. 0.5 ml dose size.

Pack Size: 500 ml



AviPro® 106 REO

Description: This product is with high titering strains of Avian Reovirus (S1133 and 1733), suspended in a stable oil emulsion.

Indications: Recommended for the vaccination of breeder hens and replacement pullets as an aid to provide passive protection of progeny against Reovirus related malabsorption syndrome. Inject subcutaneously using aseptic technique 0.5 ml dose size from 16 to 20 weeks of age.

Pack Size: 500 ml



AviPro® 104 MG Bacterin

Description: This product is a Formalin inactivated oil-based suspension of a highly immunogenic R strain of Mycoplasma Gallisepticum.

Indications: This product is used as an aid for the control of air sacculitis in chickens associated with Mycoplasma Gallisepticum infections providing a suitable humoral response. Inject subcutaneously using aseptic technique. 0.5 ml dose size from 5 weeks of age or older. Revaccination is recommended in 4 weeks.

Pack Size: 500 ml

AviPro® 304 ND-IB-MG

Description: Inactivated vaccine containing Newcastle Disease (B1 Type, Lasota strain), Infectious Bronchitis virus and Mycoplasma Gallisepticum.

Indications: Recommended for the vaccination of chickens as an aid in the prevention of Newcastle Disease and Infectious Bronchitis (Mass. type) and as an aid for the control of clinical signs associated with Mycoplasma Gallisepticum infection. Inject subcutaneously at 6 weeks of age or older. Revaccinate 3 to 6 weeks later. 0.5 ml dose size.

Pack Size: 500 ml



OUR SALMONELLA RANGE

AviPro® Salmonella DUO

Description: AviPro Salmonella Duo is
the first & only live vaccine

to have both Salmonella strains (Salmonella Enteritidis and Salmonella Typhimurium) in the same vial. One dose contains live attenuated:

- Salmonella Enteritidis bacteria, strain Sm24/Rif12/Ssq, min. 1×10^8 CFU and max. 6×10^8 CFU
- Salmonella Typhimurium bacteria, strain Na12/Rif9/Rtt, min. 1×10^8 CFU and max. 6×10^8 CFU

Indication: For active immunization of healthy and susceptible chickens to reduce faecal excretion and colonisation of internal organs with Salmonella Enteritidis and Salmonella Typhimurium field strains and to reduce colonisation of eggs with Salmonella Enteritidis field strains. Onset of immunity is 15 days and duration of immunity is for at least 68 weeks of life against virulent S. Enteritidis and 62 weeks of life against virulent S. Typhimurium.

Administration: A single dose at first day of life followed by a second vaccination at an age of 6 to 8 weeks and a third vaccination around the 16th week of life at least 3 weeks before onset of lay.

AviPro® Salmonella VACE

Description: Attenuated Salmonella Enteritidis-bacteria, strain Sm24/Rif12/Ssq, at least 1×10^8 CFU. (CFU = colony forming units).

Indication: Active immunization of chickens to reduce the number of Salmonella Enteritidis field strains excreting birds. Immunity develops within 14 days of first vaccination: after 15 days the fecal excretion is reduced up to 70%. The immunity lasts until 52 weeks of life. Administration: Layers & breeders: a single dose at one day of age followed by a second vaccination at 6 to 8 weeks of age and a third vaccination at 16 to 18 weeks, at least 3 weeks before point of lay.

Administration: Drinking water.

AviPro® Salmonella 109 SE4

Description: Inactivated Salmonella Enteritidis vaccine, containing four different phage types of Salmonella Enteritidis (8, 14B, 23, 24), suspended in a stable water-in-oil emulsion.

Indications: For use in commercial layers and breeder hens to an aid in reduction of Salmonella Enteritidis colonization of internal organs, including the reproductive tract. Inject subcutaneously between 12 and 16 weeks of age. Revaccinate 4 weeks later. 0.25 ml dose size.

Pack Size: 500 ml



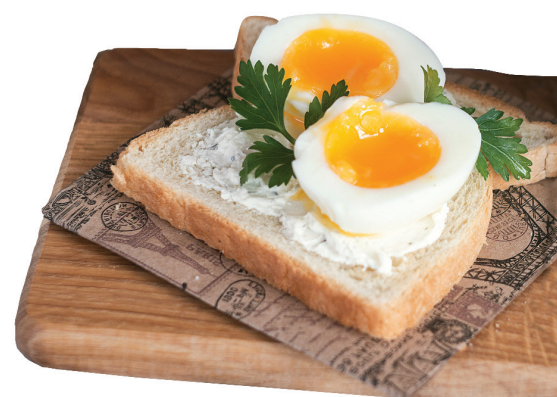
AviPro®
Salmonella
DUO



AviPro®
Salmonella
VACE



AviPro®
Salmonella
109 SE4



LOVIT Hepavent Liquid

Specific liquid formulation for poultry, designed for the additional, short-term supplementation via drinking water. LOVIT Hepavent is recommended in periods of stress due to fatty liver syndrome, hepatitis, hepato-renal disfunctions and metabolic disorders particularly in layers.

Activity per litre: Choline Chloride 100,000 mg, L-carnitine 57,000 mg, Betaine 20,000 mg, Sorbitol 150,000 mg, Magnesium 10,000 mg.

Recommended dosage: One ml/2 litres of drinking water over a period of 2 - 3 consecutive days.

LOVIT EC+Se Liquid

A liquid formulation of Vitamin E, C and Selenium designed for the additional, short-term supplementation via the drinking water. LOVIT EC+Se is especially indicated for birds to improve the immune response and in breeding hens in case of fertility problems.

Activity per litre: Vitamin E 80,000 mg, Selenium 100 mg, Vitamin C 100,000 mg.

Recommended dosage: One ml/2 litres of drinking water for minimum 3 days.

LOVIT Cool Liquid

A concentrated well-balanced liquid combination of minerals, trace elements and vitamin C for the systematic short-term supplementation via drinking water. Liquid Cool provides essential body electrolytes and is specially indicated for managing heat stress situations in high performing poultry flocks.

Activity Per Litre: Sodium 2.3%, Potassium 4.9%, Magnesium 0.2%, Vitamin C 33,350 mg, Manganese 5,770 mg, Zinc 4,800 mg.

Recommended Dose: One ml/litre of drinking water over the heat stress period, starting 1 day before and during hot days for 3-10 days. Maio, Ti. Nicae con

LOVIT Breeze Liquid

LOVIT Breeze Liquid is recommended to manage flocks with problems in the respiratory tract such as CRD, infectious coryza etc. It is helpful in prevention of post vaccination reaction in ND and IB in Poultry.

Lovit Breeze Liquid working wonders within the respiratory tract & beyond as an immunomodulatory; stimulates and boosts immune response. Used via drinking water for prevention, combating & alleviation of disease condition whether hot or mild.

Activity Per Litre: 1 litre contains

Vitamin A	1 000 000 I.U.
Eucalyptus oil	170 000 mg
Thyme oil	40 000 mg

Recommended Dose: 100 - 300 ml per 1000 litres of drinking water over a period of 3 - 10 consecutive days, repetition as required.

LOVIT VA+Se Liquid

A well-balanced liquid combination of vitamins and amino acids with selenium designed for the additional, short-term supplementation via drinking water in times of increased vitamin demand. LOVIT VA+Se Liquid is specially indicated for the prevention of hypovitaminosis and amino acid deficiencies in high performing animals during stress situations.

Activity per litre: Vitamin A - 20,000,000 I.U., Vitamin D3 1,000,000 I.U., Vitamin E 6,000 mg, Vitamin K3 2,000 mg, Vitamin B1 1,250 mg, Vitamin B2 2,500 mg, Vitamin B6 1,750 mg, Vitamin B12 7,500 mg, Folic Acid 400 mg, Nicotinamide 18,000 mg, D-Panthenol 5,600 mg, Selenium 33 mg, L-Tryptophan 600 mg, L-Lysine 4,000 mg, DL-Methionine, 4,000 mg, L-Threonine 2,000 mg, Glutamic acid 6,000 mg.

Recommended dosage: One ml/4 litres of drinking water over a period of minimum 3 consecutive days, repetition as required.

LOVIT LC Energy (Optimal feed conversion)

Is an ideally balanced formulation consisting of L-carnitine, betaine, sorbitol and magnesium for application via drinking water. It improves the utilization of feed energy in case of metabolic problems during all critical periods in poultry production. LOVIT LC - Energy also stimulates the intake of feed and water and has positive influence on the functions of the liver and kidneys.

Activity per litre: L-Carnitine 25,000 mg, Betaine 50,000 mg, Sorbitol 100,000 mg, Magnesium 25,000 mg.

Recommended dosage: One ml/litre of drinking water for a period of 2-5 days repetition as required.

LOVIT Phos Plus Liquid

Is a specific liquid formulation of minerals and trace elements in highly available form, designed for the additional, short-term supplementation via drinking water. LOVIT Phos Plus is beneficial in improving the strength of the skeleton and the quality of egg-shell. In addition, it decreases the pH value of the drinking water.

Activity per litre: Phosphorous 10.50%, Calcium 2.20%, Magnesium 1.00%, Sodium 0.75%, Manganese 4,800 mg, Zinc 4,000 mg, Copper 2,500 mg.

Recommended dosage: One ml/2 litres of drinking water over a period of 3 -5 days, repetition as required.

LOVIT Probiotic (Powder)

The synergistic combination of the gut bacterium E. faecium with vitamin D3 and sodium ascorbate promotes a physiological intestinal flora and supports immune defence. A rapidly and completely dissolving powder LOVIT Probiotic is easy to use.

Activity Per Litre: Per kg contains:

E. faecium (DSM 7134) 3.3 x 10¹² CFU,
vitamin D3 200,000 mg, sodium ascorbate 450,000 mg.

Recommended Dose: The recommended dosage is 100 to 250 g per 1,000 litres of drinking water.

Standard Packaging: 10 x 1 kg (100 grams) bags per box.

Intercid®



Intercid

- Bactericide, Viricide, Fungicide
- High cleaning efficiency
- Non corrosive at ready-to-use application rates
- Non-staining
- Lower odour

Ideal for cleaning and disinfecting all types of **animal housing, cages** and surfaces within buildings e.g. walls, floors, equipment, appliances, transport boxes, vehicles, cages, kennels, quarantine areas, boots, tread mats and used in foot dips

Active Agents: 1 kg of the liquid Concentrat contains 140 g formaldehyde 100g Glutaraldehyde. Dilution Rate 1 : 400

Poultry: Marek's Disease, Newcastle Disease, Salmonellosis, Infectious Bronchitis, Pasteurellosis, Avian Coryza, Avian Rhinotracheitis, Avian Influenza, Infectious Bursal Diseases.

Cattle: FMD, IBR/IPV, BVD/MD, Bovine Influenza.

Small Animals: Parvovirus Infection, Feline Distemper (Panleucopenia), Feline Rhinotracheitis, Leucosis, Feline Infectious Peritonitis, Distemper, Rabies.

May be used on vehicles, machinery and equipment: not known to be corrosive at recommended dilutions.

Biodegradable: Glutaraldehyde is 90 - 100% biodegradable under OECD test conditions - OECD 301A.

Works at low temperatures: DEFRA tested at 4°C, at higher temperatures works faster and with lower concentrations.

Disinfects in presence of organic matter: DVG tested on absorbent surfaces and in presence of organic matter.

Instructions for use:

Dilute Intercid as required and disinfect area using high pressure spraying equipment (ideally 1000 p.s.i./70 bar) using a wide angle jet nozzle apply 200 - 400 ml/m² depending upon the porosity of the surface to be treated.

Alternatively use a knapsack sprayer, mop and bucket, or wipe surfaces with a cloth moistened in the diluted product.

Treatment of corridors and service areas: Disinfect outer surfaces of stables, corridors and cages etc. 3 times / week.

Pack sizes available:

1 kg, 10 kg and 1000 kg

When using/working with concentrated disinfectants do not eat, drink or smoke. Avoid contact with eyes skin and clothing. Wear the recommended protective clothing and equipment - see below:

1. DEFRA UK Govt. Approvals:

- ✓ General Orders 2.50% 30 min
- ✓ Poultry Orders 1.00% 30 min
- ✓ Foot and Mouth 0.50% 30 min

2. DVG (German Veterinary Association) approved rates

Prophylactic disinfection against bacterial infections	0.50%	1hr
Special disinfection against bacterial infections	1.00%	2hr
Disinfection of encapsulated viruses	1.00%	1hr
Disinfection of non-encapsulated viruses	1.00%	2hr
Disinfection of fungi	1.00%	2hr
Disinfection Mycobacterium avium	5.00%	2hr

3. European approvals:

DIN/EN 1656	bacteria	0.5%	for 30 min.	DIN/EN 14675	viruses	1%	for 30 min
DIN/EN 14349	bacteria	1.0%	for 30 min.	DIN/EN 657	yeasts	0.5%	for 30 min

General Instructions:

Breathing protection:	Full face mask, filter AX-P2, or A2-B2-P2
Hand protection:	Protective rubber gloves e.g. Nitril
Eye protection:	Glasses with side protection, or Basket eye glasses

**Wash hands
after work.**

Use Biocides Safely.
Always read the label and product information before use!

