<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VAXXON® CLONE</strong></td>
<td>Active immunization against Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® LA SOTA</strong></td>
<td>Active immunization against Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® B1 HITCHNER</strong></td>
<td>Active immunization against Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® IB-H120</strong></td>
<td>Active immunization against Infectious Bronchitis.</td>
</tr>
<tr>
<td><strong>VAXXON® H120-B1 HITCHNER</strong></td>
<td>Active immunization against Infectious Bronchitis and Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® H120-LA SOTA</strong></td>
<td>Active immunization against Infectious Bronchitis and Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® H120-CLONE</strong></td>
<td>Active immunization against Infectious Bronchitis and Newcastle Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® CHB</strong></td>
<td>Active immunization against Newcastle Disease and Infectious Bronchitis.</td>
</tr>
<tr>
<td><strong>VAXXON® GUMBORO 2</strong></td>
<td>Active immunization against Infectious Bursal Disease (Gumboro).</td>
</tr>
<tr>
<td><strong>VAXXON® GUMBORO 3</strong></td>
<td>Active immunization against Infectious Bursal Disease (Gumboro).</td>
</tr>
<tr>
<td><strong>VAXXON® IBD IMC</strong></td>
<td>Immune Complex Vaccine against Infectious Bursal Disease (Gumboro).</td>
</tr>
<tr>
<td><strong>VAXXON® REO</strong></td>
<td>Active Immunization against viral Arthritis/Tenosynovitis.</td>
</tr>
<tr>
<td><strong>VAXXON® MG LIVE</strong></td>
<td>Active immunisation against loss in egg production due to Mycoplasma gallisepticum infections.</td>
</tr>
<tr>
<td><strong>VAXXON® ILT</strong></td>
<td>Active immunization against Infectious Laryngotracheitis.</td>
</tr>
<tr>
<td><strong>VAXXON® POX</strong></td>
<td>Active immunization against Fowl Pox.</td>
</tr>
<tr>
<td><strong>VAXXON® SHS</strong></td>
<td>Active immunisation against Swollen Head Syndrome (Avian Metapneumovirus).</td>
</tr>
<tr>
<td><strong>VAXXON® AE</strong></td>
<td>Active immunization against Avian Encephalomyelitis.</td>
</tr>
<tr>
<td><strong>VAXXON® MD CVI-N</strong></td>
<td>Vaccine against Marek’s Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® MD HVT CVI-N</strong></td>
<td>Vaccine against Marek’s Disease.</td>
</tr>
<tr>
<td><strong>VAXXON® COCCIVET</strong></td>
<td>Vaccine against Coccidiosis in broiler chickens.</td>
</tr>
<tr>
<td><strong>VAXXON® COCCIVET R</strong></td>
<td>Vaccine against Coccidiosis in layer and breeder chickens.</td>
</tr>
</tbody>
</table>
### Poultry Inactivated Vaccines

<table>
<thead>
<tr>
<th>VAXXON® AVIFLU</th>
<th>Active immunization against Avian Influenza type A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAXXON® ND FLU</td>
<td>Active immunization against Newcastle Disease and Avian Influenza A.</td>
</tr>
<tr>
<td>VAXXON® ND BROILER</td>
<td>Active immunization and reduction of mortality against Newcastle Disease.</td>
</tr>
<tr>
<td>VAXXON® ND</td>
<td>Booster vaccination for prophylaxis against Newcastle Disease.</td>
</tr>
<tr>
<td>VAXXON® ND-IB</td>
<td>Booster vaccination against Newcastle disease and Avian Infectious Bronchitis.</td>
</tr>
<tr>
<td>VAXXON® ND-IBD</td>
<td>Booster vaccination against Newcastle disease and Avian Infectious Bronchitis and to protect progeny against Gumboro disease.</td>
</tr>
<tr>
<td>VAXXON® ND-IB-IBD</td>
<td>Booster vaccination against Newcastle disease and Avian Infectious Bronchitis and to protect progeny against Gumboro disease.</td>
</tr>
<tr>
<td>VAXXON® ND-IB-EDS</td>
<td>Active Immunization against Newcastle Disease, Egg Drop Syndrome (EDS’76) and Avian Infectious Bronchitis, to reduce the decline in eggs caused by adenovirus EDS’76.</td>
</tr>
<tr>
<td>VAXXON® ND-IB3-EDS</td>
<td>Active Immunization against Newcastle Disease, Egg Drop Syndrome (EDS’76) and Avian Infectious Bronchitis, to reduce the decline in eggs caused by adenovirus EDS’76.</td>
</tr>
<tr>
<td>VAXXON® ND-IBD-REO</td>
<td>Booster vaccination against Newcastle Disease and Avian Infectious Bronchitis and to protect progeny against Gumboro disease and Reovirus.</td>
</tr>
<tr>
<td>VAXXON® ND-IB-EDS-REO</td>
<td>Booster vaccination against Newcastle Disease and Avian Infectious Bronchitis and to protect progeny against Gumboro disease and Reovirus.</td>
</tr>
<tr>
<td>VAXXON® CORYZA 3</td>
<td>Active immunization against Infectious Coryza caused by Avibacterium paragallinarum.</td>
</tr>
<tr>
<td>VAXXON® MG INAC</td>
<td>Active immunization against Mycoplasma gallisepticum infection.</td>
</tr>
<tr>
<td>VAXXON® SHS INAC</td>
<td>Active immunization against Swollen Head Syndrome.</td>
</tr>
<tr>
<td>VAXXON® REO INAC</td>
<td>Booster vaccination against Swollen Head Syndrome.</td>
</tr>
<tr>
<td>VAXXON® FC</td>
<td>Active immunization against Fowl Cholera.</td>
</tr>
</tbody>
</table>
**Indication**
Active immunization against Newcastle Disease.

**Active Substance**
Live attenuated Newcastle Disease Virus, strain Clone: ≥ $10^6$ EID$_{50}$/dose, in stabilizing solution.

**Administration Route**
Eye Drop, Spray, Drinking Water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Day-Old-Chicks, onwards.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date.
Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C).
Do not freeze. Protect from light.
**VAXXON® LA SOTA**

**Indication**
Active immunization against Newcastle Disease.

**Active Substance**
Live attenuated Newcastle Disease Virus, strain LaSota: ≥ 10^6 EID₅₀/dose, in stabilizing solution.

**Administration Route**
Drinking water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
As a booster, from 21 days of age, then every 2-3 months.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunization against Newcastle Disease.

**Active Substance**
Live attenuated Newcastle Disease virus strain B1 HITCHNER: ≥ 6.0 log₁₀ EID₅₀/dose.

**Administration Route**
Eye-drop and Spray.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Day-Old-Chicks, onwards; booster vaccination after 3 weeks. For laying hens and breeders, a 3rd dose of vaccine at around 10 weeks of age is recommended.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store and transport in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunization against Infectious Bronchitis.

**Active Substance**
Live attenuated Infectious Bronchitis Virus, strain Massachusetts H120: ≥ 10^3 EID_{50}/dose, in stabilizing solution.

**Administration Route**
Eye Drop, Spray, Drinking Water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Day-Old-Chicks, onwards; booster vaccination after 3 weeks.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**VAXXON® H120-B1 HITCHNER**

**Indication**
Active immunization against Infectious Bronchitis and Newcastle Disease.

**Active Substance**
- Live attenuated Infectious Bronchitis virus strain H120: 
  $\geq 3.0 \log_{10} \text{EID}_{50}/\text{dose}$
- Live attenuated Newcastle Disease virus strain B1 HITCHNER: 
  $\geq 6.0 \log_{10} \text{EID}_{50}/\text{dose}$.

**Administration Route**
Eye-drop and Spray.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Day-Old-Chicks, onwards; booster vaccination after 3 weeks. For laying hens and breeders, a 3rd dose of vaccine at around 10 weeks of age is recommended.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store and transport in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunization against Infectious Bronchitis and Newcastle Disease.

**Active Substance**
- Live attenuated Infectious Bronchitis virus strain H120: \( \geq 3.0 \text{ log}_{10} \text{ EID}_{50}/\text{dose} \)
- Live attenuated Newcastle Disease virus strain LA SOTA: \( \geq 6.0 \text{ log}_{10} \text{ EID}_{50}/\text{dose} \).

**Administration Route**
Drinking water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
From 21 days of age in chickens previously vaccinated.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date.
Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C).
Do not freeze. Protect from light.
**Indication**
Active immunization against Infectious Bronchitis and Newcastle Disease.

**Active Substance**
- Live attenuated Newcastle Disease Virus, strain Clone: ≥ $10^6$ EID$_{50}$/dose
- Live attenuated Infectious Bronchitis Virus, strain Massachusetts H120: ≥ $10^3$ EID$_{50}$/dose, in stabilizing solution.

**Administration Route**
Eye Drop, Spray, Drinking Water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Day-Old-Chicks, onwards; 2nd dose after 3 weeks.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
- Packaged product: 24 months after production date.
- Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
VAXXON® CHB

**Indication**
Active immunization against Newcastle Disease and Infectious Bronchitis.

**Active Substance**
- Live attenuated Newcastle Disease virus strain CLONE: ≥ 6.0 log10 EID₅₀/dose
- Live attenuated Infectious Bronchitis virus strain H120: ≥ 3.0 log10 EID₅₀/dose
- Live attenuated Infectious Bronchitis virus strain 28/86: ≥ 3.0 log10 EID₅₀/dose.

**Administration Route**
Eye drop, spray or drinking water.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
At 1ˢᵗ day of age via spray or eye drop; 2ⁿᵈ vaccination 2-3 weeks after first vaccination; booster before laying period.

**Presentation**
Lyophilized, 10x1000 doses.

**Shelf life**
Packaged product: 24 months after production date.
Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**VAXXON® GUMBORO 2**

---

**Indication**
Active immunization against Infectious Bursal Disease (Gumboro).

**Active Substance**
Live intermediated vaccine against Gumboro Disease Virus:
≥ 10^3 EID50/dose, in stabilizing solution.

**Administration Route**
Drinking Water.

**Poultry Category**
Breeders, Layers, Broilers.

---

**Age of Vaccination**
From 4 days-of-age onward:
1. MDA 300 if possible to evaluate the antibody level;
2. if not possible to evaluate the antibody level - 1st vaccination at 8-10 days of age via drinking water 2nd vaccination at 18-20 days of age via drinking water.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date.
Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C).
Do not freeze. Protect from light.
**Indication**
Active immunization against Infectious Bursal Disease (Gumboro).

**Active Substance**
Live intermediate plus Gumboro Disease Virus strain Winterfield 2512/90: ≥ 10^{2.7} EID_{50}/dose, in stabilizing solution.

**Administration Route**
Drinking water. In case of emergency eye drop administration at 1\textsuperscript{st} day of age.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
The chickens can be vaccinated starting from the 10\textsuperscript{th} day of age, but specific antibodies are lower than 500 (ELISA). Do not vaccinate chickens with antibody titres higher than 500 or lower than 300. If not possible to evaluate the antibody level - 1\textsuperscript{st} vaccination: 8-10 days of age via drinking water. 2\textsuperscript{nd} vaccination: 18-20 days of age via drinking water. 3\textsuperscript{rd} vaccination (breeders): 28-32 days of age via drinking water.

**Presentation**
Lyophilized, 10x1000, 10x2500 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunization of one-day-old broilers chicks or 18- to 19-day-old embryonated broiler hatching eggs, with IBD maternal antibodies against Infectious Bursal Disease, to reduce clinical signs of disease caused by very virulent Avian Infectious Bursal Disease (IBD) viruses.

**Active Substance**
IBD Suspension, strain W2512, sufficient to obtain ≥ 10^{2.5} EID_{50}/dose.
AC-IBD Suspension, sufficient to obtain ≥ 0.005 UN/ml.

**Administration Route**
Subcutaneous or In Ovo.

**Poultry Category**
Broilers.

**Age of Vaccination**
At 18-19 days in embryonated eggs or Day-Old-Chicks (SC).

**Presentation**
Lyophilized, 10x1000, 10x2000, 10x2500, 10x3000, 10x4000, 10x5000, 10x10000 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: use immediately.

**Storage conditions**
Store and transport refrigerated (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active Immunization against Arthritis/Tenosynovitis.

**Active Substance**
Live Attenuated Arthritis Virus, strain S1133: ≥ 10⁷ TCID₅₀/dose, and Diluents.

**Administration Route**
Subcutaneous.

**Poultry Category**
 Breeders.

**Age of Vaccination**
In 4-day-old chicks; booster vaccination at 10 weeks of age.

**Presentation**
Lyophilized, 10x1000.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
For active immunisation against loss in egg production due to Mycoplasma gallisepticum infections.

**Active Substance**
Mycoplasma gallisepticum K5831B-19 strain; ≥ 10⁶,0 CFU/dose.

**Administration Route**
Eye Drop or Spray.

**Poultry Category**
Layers.

**Age of Vaccination**
Chickens from 4 weeks of age.

**Presentation**
Lyophilized, 1x1000, 1x2000 doses; Diluent 1x30ml, 1x60ml.

**Shelf life**
Packaged product: 36 months after production date.
Reconstituted product: use immediately.

**Storage conditions**
Store in a refrigerator (≤10 °C).
Do not freeze. Protect from light.
Indication
Active immunization against Infectious Laryngotracheitis.

Active Substance
Live attenuated Laryngotracheitis virus, strain PV/64:
≥ 2.5 log10 EID_{50}/dose.

Administration Route
Eye Drop.

Poultry Category
Breeders, Layers.

Age of Vaccination
At 4 weeks of age; booster dose between 15-20 weeks of age.

Presentation
Lyophilized, 10x1000 doses.

Shelf life
Packaged product: 24 months after production date.
Reconstituted product: 2 hours.

Storage conditions
Store in a refrigerator (2 °C – 8 °C).
Do not freeze. Protect from light.
**Indication**
Active immunization against Fowl Pox.

**Active Substance**
Live attenuated Fowl-pox virus strain Brescia P-1: 
≥ 3.0 log10 TCID50/dose.

**Administration Route**
Wing web.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
Breeders: at 5-15 weeks of age; Layers: one month before laying period.

**Presentation**
Lyophilized, 1x1000 doses, 10x1000 doses.

**Shelf life**
Packaged product: 24 months after production date. 
Reconstituted product: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). 
Do not freeze. Protect from light.
**VAXXON® SHS**

<table>
<thead>
<tr>
<th><strong>Indication</strong></th>
<th>Active immunisation against Swollen Head Syndrome (Avian Metapneumovirus).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Active Substance</strong></td>
<td>Live attenuated Swollen Head Syndrome virus strain 1439: ≥ 10^{2.3} TCID_{50}/dose.</td>
</tr>
<tr>
<td><strong>Administration Route</strong></td>
<td>Spray or Eye Drop.</td>
</tr>
<tr>
<td><strong>Poultry Category</strong></td>
<td>Breeders, Layers.</td>
</tr>
<tr>
<td><strong>Age of Vaccination</strong></td>
<td>From 7 days of age onwards.</td>
</tr>
<tr>
<td><strong>Presentation</strong></td>
<td>Lyophilized, 10x1000 doses.</td>
</tr>
<tr>
<td><strong>Shelf life</strong></td>
<td>Packaged product: 24 months after production date. Reconstituted product: 2 hours.</td>
</tr>
<tr>
<td><strong>Storage conditions</strong></td>
<td>Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.</td>
</tr>
</tbody>
</table>
**Indication**
Active immunization against Avian Encephalomyelitis.

**Active Substance**
Live attenuated Avian Encephalomyelitis Virus, strain Calnek 1143: ≥ 10^3 EID_{50}/dose.

**Administration Route**
Drinking water.

**Poultry Category**
Layers.

**Age of Vaccination**
Between 10 and 15 weeks of age.

**Presentation**
Lyophilized, 10x1000 doses.

**Shelf life**
Packaged product: 24 months after production date. Reconstituted product: 3 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
Indication
Prevention of Marek’s Disease.

Active Substance
Live attenuated chicken Marek’s Disease virus strain CVI988-N, at least 2000 CFU/dose, and diluents.

Administration Route
Subcutaneous or In Ovo.

Poultry Category
Breeders, Layers, Broilers.

Age of Vaccination
At 18-19 days in embryonated eggs or Day-Old-Chicks (SC).

Presentation
Frozen, 1000, 2000 doses, including diluent 200ml, 400ml.

Shelf life
Packaged product: 24 months after production date.

Storage conditions
Store and transport frozen in liquid nitrogen at -196 °C. Protect from light.
**Indication**
Prevention of Marek’s Disease.

**Active Substance**
Live turkey herpesvirus strain FC-126, at least 2000 CFU/dose; Live attenuated chicken Marek’s Disease virus strain CVI988-N, at least 2000 CFU/dose, and diluents.

**Administration Route**
Subcutaneous or In Ovo.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
At 18-19 days in embryonated eggs or Day-Old-Chicks (SC).

**Presentation**
Frozen, 1000, 2000 doses, including diluent 200ml, 400ml.

**Shelf life**
Packaged product: 24 months after production date.

**Storage conditions**
Store and transport frozen in liquid nitrogen at -196 °C. Protect from light.
**Poultry Live Vaccines**

**Indication**
Polyvalent live vaccine against Coccidiosis in broiler chickens.

**Active Substance**
Live attenuated polyvalent vaccine
- Eimeria tenella: 0.1 to 0.6 x 10^6 sporulated oocysts
- Eimeria acervuline: 0.1 to 0.6 x 10^6 sporulated oocysts
- Eimeria máxima 52: 0.6 to 2.6 x 10^5 sporulated oocysts
- Eimeria máxima 47: 0.6 to 2.6 x 10^5 sporulated oocysts
- Eimeria máxima 159: 0.6 to 2.6 x 10^5 sporulated oocysts
- Eimeria mitis: 0.1 to 0.5 x 10^6 sporulated oocysts
- Eimeria praecox: 0.1 to 0.5 x 10^6 sporulated oocysts.

**Administration Route**
Spray.

**Poultry Category**
Broiler chickens.

**Age of Vaccination**
Day-Old-Chicks.

**Presentation**
Liquid form; 10x1000 (10ml), 10x2000 (15ml), 10x5000 (20ml), 10x10000 (30ml) doses.

**Shelf life**
Packaged product: 12 months after production date.
After opening: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C).
Do not freeze. Protect from light.
**Indication**
Polyvalent live vaccine against Coccidiosis in layer and breeder chickens.

**Active Substance**
Live attenuated polyvalent vaccine
- Eimeria tenella strain BV 25: 1.0 to 6.0 x 10^5 sporulated oocysts
- Eimeria acervulina strain BV 45: 1.0 to 6.0 x 10^5 sporulated oocysts
- Eimeria maxima strain BV 47: 1.0 to 8.0 x 10^5 sporulated oocysts
- Eimeria maxima strain BV 52: 1.0 to 8.0 x 10^5 sporulated oocysts
- Eimeria brunetti strain BV 300: 2.0 to 7.0 x 10^5 sporulated oocysts
- Eimeria necatrix strain BV 302: 1.0 to 6.0 x 10^5 sporulated oocysts
- Eimeria mitis strain BV 44: 1.0 to 5.0 x 10^5 sporulated oocysts
- Eimeria praecox strain BV 41: 1.0 to 5.0 x 10^5 sporulated oocysts.

**Administration Route**
Eye-drop and spray.

**Poultry Category**
Layer and breeder chickens.

**Age of Vaccination**
Day-Old-Chicks, onwards.

**Presentation**
Liquid form; 10x1000 (30ml) doses.

**Shelf life**
Packaged product: 12 months after production date.
After opening: 2 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze.
Protect from light.
**Indication**
Active immunization against Avian Influenza type A.

**Active Substance**
Inactivated Avian Influenza virus A, subtype H9N2: ≥ 5.0 log₂ HI units/dose.

**Administration Route**
Broiler: 0.2 ml, subcutaneous
Layers & Breeders: 0.2 ml, revaccination 0.5 ml, subcutaneous or intramuscular.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
Broilers at 1\textsuperscript{st} day of age.
Layers & Breeders from 1\textsuperscript{st} day of age up to 3 weeks of age. Revaccination at 8 weeks of age and between 12-16 weeks of age recommended.

**Presentation**
Oil emulsion, 500 ml (2500 doses, revaccination 1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunisation against Newcastle disease and Avian Influenza A.

**Active Substance**
- Inactivated Newcastle Disease virus, strain Ulster: \( \geq 4.0 \log_2 \) HI units
- Inactivated Avian Influenza A virus, subtype H9N2: \( \geq 5.0 \log_2 \) HI units.

**Administration Route**
- Broiler: 0.2 ml, subcutaneous
- Layers & Breeders: 0.2 ml, revaccination 0.5 ml, subcutaneous or intramuscular.

**Poultry Category**
Breeders, Layers, Broilers.

**Age of Vaccination**
- Broilers at 1\textsuperscript{st} day of age.
- Layers & Breeders from 1\textsuperscript{st} day of age up to 3 weeks of age.
- Revaccination at 8 weeks of age and between 12-16 weeks of age recommended.

**Presentation**
Oil emulsion, 500 ml (2500 doses, revaccination 1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze.
Protect from light.

---

VAXXON® ND FLU
<table>
<thead>
<tr>
<th><strong>Indication</strong></th>
<th>Active immunization and reduction of mortality against Newcastle Disease.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Active Substance</strong></td>
<td>Inactivated Newcastle Disease virus, strain Ulster: (\geq 4.0 \log_2) HI units.</td>
</tr>
<tr>
<td><strong>Administration Route</strong></td>
<td>0.1 ml, intramuscular.</td>
</tr>
<tr>
<td><strong>Poultry Category</strong></td>
<td>Broilers.</td>
</tr>
<tr>
<td><strong>Age of Vaccination</strong></td>
<td>From 1(^{st}) day of age onwards.</td>
</tr>
<tr>
<td><strong>Presentation</strong></td>
<td>Oil emulsion, 250 ml (2500 doses), 500 ml (5000 doses).</td>
</tr>
<tr>
<td><strong>Shelf life</strong></td>
<td>Packaged product: 24 months. After opening: 10 hours.</td>
</tr>
<tr>
<td><strong>Storage conditions</strong></td>
<td>Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.</td>
</tr>
</tbody>
</table>
**Indication**
Booster vaccination for prophylaxis against Newcastle Disease.

**Active Substance**
Inactivated Newcastle Disease virus, strain Ulster: \( \geq 4.0 \log_2 \) HI units/dose.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
From 14 to 20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Booster vaccination against Newcastle Disease and Avian Infectious Bronchitis.

**Active Substance**
Inactivated Newcastle Disease virus, strain Ulster:
≥ 4.0 log₂ HI units
Inactivated Infectious Bronchitis virus, strain Massachusetts M41:
≥ 6.0 log₂ HI units.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
From 14 to 20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
Indication
Booster vaccination of breeders and layers against Newcastle Disease and Avian Infectious Bronchitis and to protect progeny against Gumboro.

Active Substance
Inactivated Newcastle Disease virus, strain Ulster: ≥ 4.0 log₂ HI units
Inactivated IBD virus strain Winterfield 2512: S/P ≥ 0.25

Administration Route
0.5 ml, intramuscular or subcutaneous.

Poultry Category
Breeders, Layers.

Age of Vaccination
From 14 to 20 weeks of age, before the laying period.

Presentation
Oil emulsion, 500 ml (1000 doses).

Shelf life
Packaged product: 24 months. After opening: 10 hours.

Storage conditions
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Booster vaccination against Newcastle Disease and Avian Infectious Bronchitis and to protect progeny against Gumboro Disease.

**Active Substance**
- Inactivated Newcastle Disease virus, strain Ulster: ≥ 4.0 log₂ HI units
- Inactivated Infectious Bronchitis virus, strain Massachusetts M41: ≥ 6.0 log₂ HI units
- Inactivated IBD virus strain Winterfield 2512: S/P ≥ 0.25.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
From 14 to 20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active Immunization against Newcastle Disease, Egg Drop Syndrome (EDS'76) and Avian Infectious Bronchitis, to reduce the decline in eggs caused by adenovirus EDS'76.

**Active Substance**
- Inactivated Newcastle Disease virus, strain Ulster: $\geq 4.0 \log_2$ HI units
- Inactivated Infectious Bronchitis virus, strain Massachusetts M41: $\geq 6.0 \log_2$ HI units
- Inactivated Egg Drop Syndrome'76, strain Mc Ferran 127: $\geq 7.0 \log_2$ HI units.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At 18-20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active Immunization against Newcastle Disease, Egg Drop Syndrome (EDS’76) and Avian Infectious Bronchitis, to reduce the decline in eggs caused by adenovirus EDS’76.

**Active Substance**
- Inactivated Newcastle Disease virus, strain Ulster: ≥ 4.0 log₂ HI units
- Inactivated Infectious Bronchitis virus, strain Massachusetts M41: ≥ 6.0 log₂ HI units
- Inactivated Infectious Bronchitis virus, strain D274: ≥ 4.0 log₂ HI units
- Inactivated Infectious Bronchitis virus, strain D1466: ≥ 4.0 log₂ HI units
- Inactivated Egg Drop Syndrome’76, strain Mc Ferran 127: ≥ 7.0 log₂ HI units.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At 18-20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Booster vaccination against Newcastle Disease and Avian Infectious Bronchitis and to protect progeny against Gumboro disease and Reovirus.

**Active Substance**
- Inactivated Newcastle Disease virus, strain Ulster: $\geq 4.0 \log_2$ HI units
- Inactivated Infectious Bronchitis virus, strain Massachusetts M41: $\geq 6.0 \log_2$ HI units
- Inactivated IBD virus strain Winterfield 2512: S/P $\geq 0.25$
- Inactivated virus of the avian Arthritis / tenosynovitis Avian S1133: S/P $\geq 0.20$.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
From 14 to 20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.

**Indication**
Active immunization against Infectious Coryza caused by Avibacterium paragallinarum.

**Active Substance**
- Inactivated cultures of Avibacterium paragallinarum serotype A, strain 0083: ≥ 2.3 log₂ HI
- Inactivated cultures of Avibacterium paragallinarum serotype B, strain 0222: ≥ 2.3 log₂ SAT
- Inactivated cultures of Avibacterium paragallinarum serotype C, strain Modesto: ≥ 2.3 log₂ SAT.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At 6 weeks of age, booster dose at 16 weeks before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.

**VAXXON® CORYZA 3**
**Indication**
Active immunization against Mycoplasma gallisepticum infection.

**Active Substance**
Inactivated Mycoplasma gallisepticum strain S-6: ≥ 6.3 log₂ HI.

**Administration Route**
0.5 ml, subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At about 12 weeks of age; booster at 18-20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunisation against Swollen Head Syndrome.

**Active Substance**
Inactivated Swollen Head Syndrome virus, strain 1439: \( \geq 5.0 \log_{10} \text{TCID}^{50} \) per dose.

**Administration Route**
0.5 ml, subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At 18 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Booster vaccination to protect progeny against Reovirus.

**Active Substance**
Inactivated virus of the avian Arthritis / tenosynovitis Avian S1133: $S/P \geq 0.20$.

**Administration Route**
0.5 ml, intramuscular or subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
From 14 to 20 weeks of age, before the laying period.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 °C – 8 °C). Do not freeze. Protect from light.
**Indication**
Active immunization against Fowl Cholera.

**Active Substance**
- Inactivated Pasteurella multocida serotype 1: ≥ 7.3 log₂ SAT
- Inactivated Pasteurella multocida serotype 3: ≥ 7.3 log₂ SAT
- Inactivated Pasteurella multocida serotype 4: ≥ 7.3 log₂ SAT.

**Administration Route**
0.5 ml, subcutaneous.

**Poultry Category**
Breeders, Layers.

**Age of Vaccination**
At 3-4 weeks of age; booster 4 weeks thereafter.

**Presentation**
Oil emulsion, 500 ml (1000 doses).

**Shelf life**
Packaged product: 24 months. After opening: 10 hours.

**Storage conditions**
Store in a refrigerator (2 ºC – 8 ºC). Do not freeze. Protect from light.
Disclaimer: This brochure may contain information or may show or refer to products and/or services which are only available in certain countries. A reference to any product/service in this brochure does not imply that such product or such product with the same specifications et cetera, is or will be available at your location. Any product shown or referred to in this brochure may be subject to different regulatory requirements depending on the country of use. Please contact your local different regulatory requirements depending on the country of use. Please contact your local Vaxxinova representative for more information.

Vaxxinova® International BV does not give any warranty or other assurance as to the content of this brochure, its accuracy, completeness, timelessness or fitness for any particular purpose. To the full extent permissible by law, Vaxxinova International BV disclaims all responsibility for any damages or losses (including without limitation, financial loss, damages for loss in business projects, loss of profits or other consequential losses) arising in contract, tort or otherwise from the use of inability to use any material of Vaxxinova, or from any action or decision taken as a result of using Vaxxinova’s materials. Vaxxinova disclaims all responsibility and liability (including for negligence) in relation to information mentioned in Vaxxinova’s materials. This document or its content is not to be copied or further distributed without the consent of Vaxxinova International BV.

VAXXINOVA, VAXXON and GOVAXX are registered trademarks of Vaxxinova International B.V. (the Netherlands).

Vaxxinova® International BV
Transistorweg 5
6534 AT Nijmegen
The Netherlands
www.vaxxinova.com