

VAKSIMUNE®
POX

ATTENUATED LIVE VACCINE AGAINST
FOWL POX

vaksindo
Research Based Vaccine

VAKSIMUNE® POX

Challenges & Our Commitment:

Fowl pox is a viral disease affecting chickens of all ages, causing nodular skin lesions and diphtheritic membranes in the upper respiratory and digestive tract. This leads to poor growth, egg production losses, and mortality in severe outbreaks. Traditionally, fowl pox vaccines are freeze-dried and require reconstitution with diluent before use. However, this method is prone to handling errors and inconsistent field performance.

VAKSIMUNE® POX introduces a new level of convenience and reliability with its liquid suspension formulation. It is a live vaccine containing Beaudette strain of fowl pox virus, produced under high-quality standards using SPF eggs. Designed specifically for wing-web administration, it ensures effective immunity with minimal post-vaccination reaction.

Features:

VAKSIMUNE® POX is a liquid suspension live vaccine. Each dose contains:

Fowl Pox Virus, Beaudette Strain > $10^{3.0}$ EID_{50}

Beaudette strain is a well-established and widely recognized strain used to protect poultry against fowl pox. It stimulates strong cellular immunity, forming visible vaccine takes at the wing-web site.



Vaccination Strategy for breeder/layer:
Vaccination : Week 8-10
(booster vaccination required in high challange area)

Vaccine Administration :
Vaccine can be administered via wing web puncture

Packing size:
Available in 500 & 1000 Doses

VAKSIMUNE® POX Benefits

Ready to Use Format

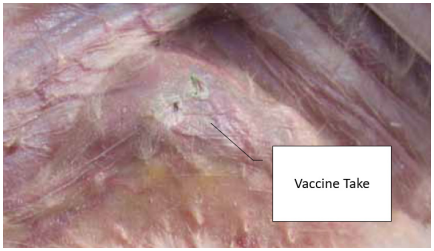
No reconstitution needed. Minimizing preparation time and reducing human error in the field.

Protection Against Both Dry and Wet Forms of Fowl Pox

Contains a well adapted Beaudette strain known to induce protective immunity against both cutaneous (dry) and diphtheritic (wet) forms of the disease.

Consistent Potency & Accuracy

Homogeneous suspension delivers accurate dosage in every stab, avoiding titer loss from improper mixing.



Group	No. of birds	AGP (+) Antibody	% Protection
Vaccinated	300	276	92%
Unvaccinated	300	81	27%
Control	400	41	13.6%

Potency Test in SPF Chickens

A controlled study was conducted in ten 6–8 week-old SPF chickens vaccinated with a single dose of VAKSIMUNE® POX via wing-web stab method. After 21 days, birds were challenged with a virulent strain of fowl pox virus.

All vaccinated birds remained clinically healthy, showing only mild, localized reactions at the inoculation site, an expected **vaccine "take"** indicating proper immune response. In contrast, all unvaccinated control birds developed typical cutaneous and diphtheritic lesions associated with fowl pox.

Protection & Serological Response in Layers

In a 52-week trial, 300 layer chickens vaccinated with a single dose of Vaksimune® POX showed 92% AGP antibody positivity, compared to 27% in unvaccinated and 13.6% in control groups. This highlights the strong immune response stimulated by the vaccine. Mortality unrelated to pox was similar across all groups, confirming the vaccine's safety and reliability under field conditions.

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