



## MAKING ITS WAY ACROSS THE U.S.

AVINEW® is the only live attenuated Newcastle disease vaccine that replicates in both the respiratory and enteric tracts<sup>1</sup> to provide a strong systemic immune response with minimal reactions and early<sup>2</sup> protection.<sup>1</sup> AVINEW is effective protection against all pathotypes of Newcastle disease virus including velogenic strains<sup>3,4</sup> and has a proven history of more than 20 years and 200 billion doses worldwide.<sup>5</sup>

**PREVENTION WORKS**

Shaping the future of poultry health



**Boehringer  
Ingelheim**

## What is AVINEW®?

AVINEW® is the only live attenuated Newcastle disease (ND) vaccine that contains the VG/GA strain, a lentogenic ND virus.<sup>1</sup> Unlike other lentogenic strains, which replicate mainly in the respiratory tract, the VG/GA strain replicates in both the respiratory tract and enteric tract.<sup>1</sup> It has been shown to produce a strong immune response to ND virus with minimal respiratory post-vaccinal reactions.<sup>2</sup>

Live attenuated Newcastle disease vaccines derived from lentogenic strains, such as Hitchner B1 and LaSota strains, have long been used for the prevention of ND. While these vaccines provide protection, post-vaccinal respiratory reactions often occur. For ND vaccination, the vaccine of choice is one that induces a good immune response with minimal respiratory reactions.



# THE AVINEW ADVANTAGE

- ✓ Two sites of replication: the respiratory and enteric tracts.<sup>1</sup>
- ✓ Minimal to no post-vaccinal reactions.<sup>3</sup>
- ✓ Stimulates strong immune response to Newcastle disease virus.<sup>4</sup>
- ✓ Provides early protection.<sup>1</sup>
- ✓ Genetically stable and no reversion to virulence.<sup>6</sup>
- ✓ Effective protection against all pathotypes of Newcastle disease virus including velogenic strains.<sup>3, 4</sup>

## Description

AVINEW is a live attenuated Newcastle disease vaccine that contains the VG/GA strain.

## Indications

AVINEW is recommended for the vaccination of healthy chickens at one day of age or older by coarse spray as an aid in the prevention of Newcastle disease.

## Use of Vaccine for Coarse Spray Administration

1. Each box of 100 chickens should receive approximately 7 ml of vaccine.
2. Take care to administer a full dose to each chicken.
3. Allow chicks to dry; avoid chilling.

## Vaccine Storage and Handling

Store vaccine ampules in liquid nitrogen container.

Remove from the liquid nitrogen only the ampules that are going to be used immediately.

Never refreeze a vaccine ampule after thawing.

## Supplied In

Frozen presentation

## Package/Dose

5 x 10,000 dose ampules

## Order Code

NAVF2330

## REFERENCES

1 Perozo, F. et al (2008). Avian Path., 37:3, 237-245.

2 Data on file at Boehringer Ingelheim.

3 Data on file at Boehringer Ingelheim.

4 Beard, C.W. et al (1993). Avian Dis. 37:222-225.

5 Data on file at Boehringer Ingelheim.

6 Data on file at Boehringer Ingelheim.

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