

Poultryhealth BYTES

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Avian influenza XXXI

Your own reference source on poultry health



Vaccination – management and environmental conditions

The protection produced by a vaccine under laboratory conditions in SPF chickens controls all the variables and gives the best immune response. In the field, vaccinal response will be suboptimal unless all the variables that have an impact on immunity production are managed and effectively removed.

Management of environmental variables must address the following:

- Failure to vaccinate sufficient number of birds to achieve flock immunity
- Administering less than the recommended dose to the birds
- Use of low cost, poor quality vaccines, for example with inadequate antigen content
- Incorrect storage and transportation of vaccine
- Immunosuppression, whether from concurrent diseases, such as Gumboro disease or chicken anaemia, or from specific substances, such as aflatoxins

Thus, good biosecurity, education, diagnostics, surveillance and elimination of infected poultry are essential.

Remember, vaccines are not perfect and they are only one part of an effective avian influenza control programme.

Aeve Biochem	Grimaud Frères	Joosten
Aviagen Turkeys	Henke-Sass Wolf	Kanters
Ayurvet	Herbonis	Lubing
CID Lines	Honeywell	Norel
Coventry Chemicals	Hubbard	Ovet
DACS	Hyline	Plumatech
Diamond V	Impextraco	Val-Co
Dupont/Danisco	Interheat	Wisium
Giordano	Jansen	Ziggity