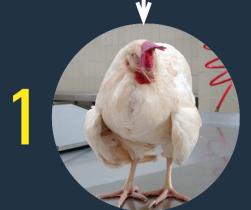
WHAT IS NEWCASTLE

Newcastle Disease is an important viral disease of chickens that can cause severe economic losses.



Depression and morbidity

Wing and leg

paralysis and

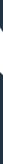
twisted necks

WHAT CAN WE **SEE IN CHICKENS INFECTED WITH NEWCASTLE DISEASE?**

WHAT CAN BE **SEEN IN CHICKENS THAT HAVE DIED FROM NEWCASTLE**



Haemorrhages on the inner surface of the proventriculus (forestomach)



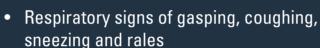
DISEASE?

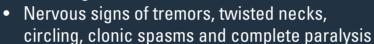
Splenic necrosis and haemorrhage



High mortality

OTHER CLINICAL SIGNS THAT MAY BE SEEN IN BIRDS INFECTED WITH NEWCASTLE **DISEASE INCLUDE:**





 Gastrointestinal signs with watery, greenish diarrhoea



Haemorrhage and necrosis of the caecal tonsils

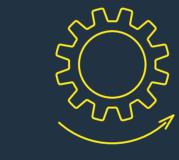


Congestion and mucoid exudate in the trachea



Changes in egg production and in eggshell quality and colour

Torticolis or star gazing



WHAT ACTION IS REQUIRED TO TRY AND PREVENT NEWCASTLE DISEASE ON YOUR FARM?

Biosecurity











Live vaccines used as primer and booster vaccines in rearing, and for local protection of the upper respiratory tract in rearing and production

Inactivated vaccines for long term protection in long live birds and early protection of chicks from vaccinated parents



Purchase high quality chicks from a reputable hatchery where day old NCD vaccinations are carried out

SUGGESTED VACCINATION PROGRAMS

BROILERS



Hatchery **Vectored NCD** vaccine Live NCD vaccine



Live NCD vaccine at 14 days



Repeat live NCD vaccine at 28 days if birds are slaughtered after 50 days





Hatchery **Vectored NCD** vaccine Live NCD vaccine



Live NCD vaccine: 14 days 8 weeks 13 weeks



Inactivated NCD vaccine: 16 weeks



NCD vaccines lay: Every 6 weeks

Ask your MSD Animal Health representative for more information on our INNÓVATIVE Newcastle Disease solution package.

