

Dr Ockert Botha – Paramyxovirus and Avian Influenza Virus

- ❖ Dr Botha will do a presentation regarding the vaccination proses at the next AGM in Bloemfontein.
- ❖ Outbreak in the WC. Fanciers need to adhere to the SANPO constitution.
- ❖ Paramyxovirus and Avian Influenza Virus is two different things. (Voëlgriep en Paramyx)
- ❖ **Paramyxovirus: PMV1 virus is closely related to the Newcastle disease virus. (NDV)**
- ❖ PMV1 virus – Specific to pigeons. Newcastle disease virus – Specific to chickens.
- ❖ Could cross infect. Chickens can get PMV1 and pigeons can get NDV.
- ❖ Immunity not very strong.
- ❖ If vaccinated with the PMV1, can get a little protection against NDV and vice versa.
- ❖ La Sota virus is a live virus containing the specified La Sota strain of the NDV and this is not adequate vaccination for any pigeon.
- ❖ Only way La Sota will assist / work is when with the use of a droplet once a month in the eyes.
- ❖ This is not acceptable for SANPO - Only a booster.
- ❖ Effectively need to vaccinate with PMV1 and NDV.
- ❖ Recommendation is to vaccinate babies 21 – 24 days.
- ❖ Adult birds will transfer immunity to babies. Adult - breeding birds also needs to be vaccinated properly.
- ❖ When weaning babies, it put them under severe stress.
- ❖ If not vaccinated at 21 days, the pigeon will get a sub clinical form of virus which is very dangerous and serious. This will result in a bad season. (kidney and brain will be affected)
- ❖ Normal pigeon not under stress will not show any signs.
- ❖ These pigeons will be pre-disposed to other viruses. (YBD)
- ❖ Recommendation: Need to vaccinate breeding stock at least four weeks before coupling them. Babies in nest NDC or PMV1.
- ❖ Currently only Nobilus (PMV1) and Talovac 105 registered in SA.
- ❖ Use Nobilus PMV1 at 21 days and later single strain NDV vaccination. Need to repack in a smaller bottle by pharmacist.
- ❖ Then again vaccinate 4 – 6 weeks before tossing. PMV1 or combination.
- ❖ Inactivated chicken vaccination is the only vaccination required by government/law.
- ❖ Used Nobilus ND Broiler emulsion in the WC.
- ❖ Forms on pigeon trucks: **Paramyxovirus, NDV and Pox.**
- ❖ Tip: Weaning babies first is a weaning loft, not a young bird loft. Two weeks in a weaning loft.
- ❖ Don't have any vaccination and do not vaccinate against Avian Influenza.
- ❖ **Will be a proper Power Point presentation at the next AGM in Bloemfontein.**