



**ZIMAVIAN**  
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**RECOMMENDED COMMERCIAL LAYER VACCINATION PROGRAM**

AGE	DISEASE	VACCINE TRADE NAMES	APPLICATION
DAY 1	MAREK'S DISEASE	-AVIPRO MD RISPENS RL -AVIPRO MD LYO -RISMAVAC +CA126	HATCHERY SUB-CUT INJ.
	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-AVIPRO ND –IB HB1 -NOBILIS IB C2M	HATCHARY SPRAY
DAY 10	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS ND CLONE 30 -NOBILIS MA5+CLONE30	DRINKING WATER
DAY 12	INFECTIOUS BURSAL DISEASE(IBD)	-NOBILIS GUMBORO D78 -AVIPRO PRECISE -AVIPRO GUMBURO -PFIZER BURSA F	DRINKING WATER
	*optional in risk areas	-NODILIS GUMBORO 228E -AVIPRO IBD XTREME -TABIC MB -PFIZER /FORT DODGE BURSINE PLUS	DRINKING WATER
DAY 16	INFECTIOUS BURSAL DISEASE(IBD)	NOBILIS GUMBORO D78 -AVIPRO PRECISE -AVIPRO GUMBURO -PFIZER BURSA F	DRINKING WATER
DAY 22	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB))	-NOBILIS MA5+CLONE 30 -AVIPRO ND-IB LASOTA -NOBILIS CLONE 30	EYE DROP
4 WEEKS	FOWL POX	-NOBILIS AE-POX -AVIPRO POX -ZOETIS POXINE -TREMPOX	WING STAB
	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS MA5+CLONE 30 -AVIPRO ND-IB LASOTA	DRINKING WATER
5 WEEKS	INFECTIOUS LACEPHALOMALACIA (AE)	-NOBILIS ILT -AVIPRO ILT	NOSE DROP
6 WEEKS	MYCOPLASMA GALLISEPTICUM	-AVIPRO 104 MG BAC OR -ZOETIS MG BAC OR -NOBILIS MG BAC	RIGHT BREAST
	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS MA5+CLONE 30 -AVIPRO ND-IB LASOTA	DRINKING WATER
7 WEEKS	-INFECTIOUS CORYZA -ZOETIS CORYZA/COVAC 4	-AVIPRO 101CORYZA -DELTAMUNE AVIVAC CORYZA OR -ZOETIS CORYZA OIL 2 -NOBILIS CORYZA /COVAC 4	LEFT BREAST
10 WEEKS	DE -WORMING	-INTERCHEMIC PIPERIN	DRINKING WATER
11 WEEKS	INFECTIOUS LARYNGOTRACHEITIS(ILT)	-NOBILIS ILT -AVIPRO ILT	NOSE DROP
	FOWL POX	-NOBILIS AE-POX	WING STAB

		-AVIPRO POX -ZOETIS POXINE -TREMPOX	
<b>13 WEEKS</b>	INFECTIOUS CORYZA +EGG DROP SYNDROME (EDS)	-AVIVAC CORYZA/EDS -NOBILIS CORYZA -AVIPRO 101 CORYZA	LEFT BREAST
<b>14 WEEKS</b>	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS MA5+CLONE 30 -AVIPRO ND-IB LASOTA	DRINKING WATER
	MYCOPLASMA GALLISEPTICUM(MG)	AVIPRO 104 MG BAC OR -ZOETIS MG BAC OR -NOBILIS MG BAC	RIGHT BREAST
<b>16 WEEKS</b>	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS ND-IB -TALAVAC IB+ND- NOBILIS	SUBCUTANEOUS
<b>*repeat every 6 weeks in production until depletion</b>	NEWCASTLE DISEASE (ND)+INFECTIOUS BRONCHITIS(IB)	-NOBILIS MA5+CLONE 30 -AVIPRO ND-IB LASOTA	DRINKING WATER
	DE-WORMING	-INTERCHEMIE PIPERINE	DRINKING WATER

#### HOW TO ADMINISTER THE VACCINE VIA DRINKING WATER

1. FIRST THIRST THE BIRDS FOR AT LEAST ONE OR TWO HOURS DEPENDING ON THE AMBIENT TEMPERATURE
2. PREPARE 15 ILTS OF WATER IN A CLEAN PLASTIC BUCKET AND THE WATER MUST NOT EXCEED +15 DEGREES CELSIUS. THE WATER MUST BE FREE FROM ANY DISINFECTANT OR CHLORINE.
3. YOU CAN ADD SKIMMED MILK AT 2-4G PER LITRE OF WATER TOSTABILISE THE VACCINE VIRUS
4. REMOVE THE SECURING CAP FIRST THEN THE RUBBER STOPPER UNDER WATER AND STIR WELL
5. THE VACCINE SHOULD BE USED IMMEDIATELY AFTER MIXING ENSRING THAT ALL THE FOWLS GET A SUFFIENT DOSE WITHIN 2HOURS
6. 1000DS OF THE VACCINE SHOULD BE RECONSTITUTED IN 15 LITRE OF WATER.
7. DESTROY ALL EMPTY VIALS AFTER USE AND WASH HANDS THOROUGHLY.

**DE-WORMING: At 10, 17, 27, 37, 47, 57 and 67 weeks.**

#### Use in rotation:

Levamisole HCL powder 12.5% (at 2g/L for 12 hours only),  
Piperazine (2g/L for 1 day) OR  
Panacur (120ml/60L for 2 days)

NB:\*Newcastle vaccine should also be repeated via drinking water after every 8 weeks from point of laying.

\*Vitamins should also be given to stimulate production as well as reducing stress each time changes occur.

#### FEEDING PROGRAMME( CAPITAL FOODS)

CHICK STARTER MASH                      approximately 2 kg/Bird from day old to 8 weeks (20% crude Protein)

GROWER MASH                                approximately 4.5kg/Bird from 9 weeks to 17 weeks (15% crude Protein)

SUPER LAYERS MASH                        115-120g/Birds/day from 17 weeks through peak production

STANDARD LAYERS MASH                    125g/Bird/day from Peak until end of lay

#### STEPS TO FOLLOW WHEN CLEANING THE FOWL RUN

**1. DRY CLEANING**

Remove all litter/manure followed by the use of a broom,brush,shovel,rag or compressed Air to remove dust,soil and dry organic material which is known as dry cleaning.

**2. WET WASH**

Use plain water under pressure or perhaps a bucket of water and a broom if a pressure washer or hosepipe is not accessible to remove all remaining dirt in the house.

**3. WASHING**

Dilute the correct detergent (eg.BIOGEN SUPER) meant for poultry houses in water.Use hard brooms and brushes to scrub the walls ,roofs and floors thoroughly.Rinse well with pressure water or hosepipes to flush out the dirty. Wait until the house is dry.

**4. DISINFECTION**

Dilute the correct disinfectant that kills poultry pathogens in water (eg. BIOTEK ULTRA,BIOPHARM, PARAGON,VIRUKILL).Use a suitable sprayer at low pressure to spray the walls,roofs and floors.Allow the house to dry and stand closed for as long as possible.No single disinfectant is best for all purposes and they should be rotated regularly to prevent resistance.Prepare the foot and vehicle dips.

**5. RESTING PERIOD**

Allow for a resting period of at least 14 days from disinfection with the house well sealed to avoid any contamination.

**6. PEST CONTROL**

Practise rodent control such as rats and mice,wild birds,dogs and cats as they carry diseases like Salmonella into the poultry houses.

*N/B: This vaccination programme is only a guideline to farmers based on flock health monitoring done on specific farms in Harare. The programme may need to be adjusted to specific farm conditions and geographical locations according to the local veterinarian in the areas concerned.*