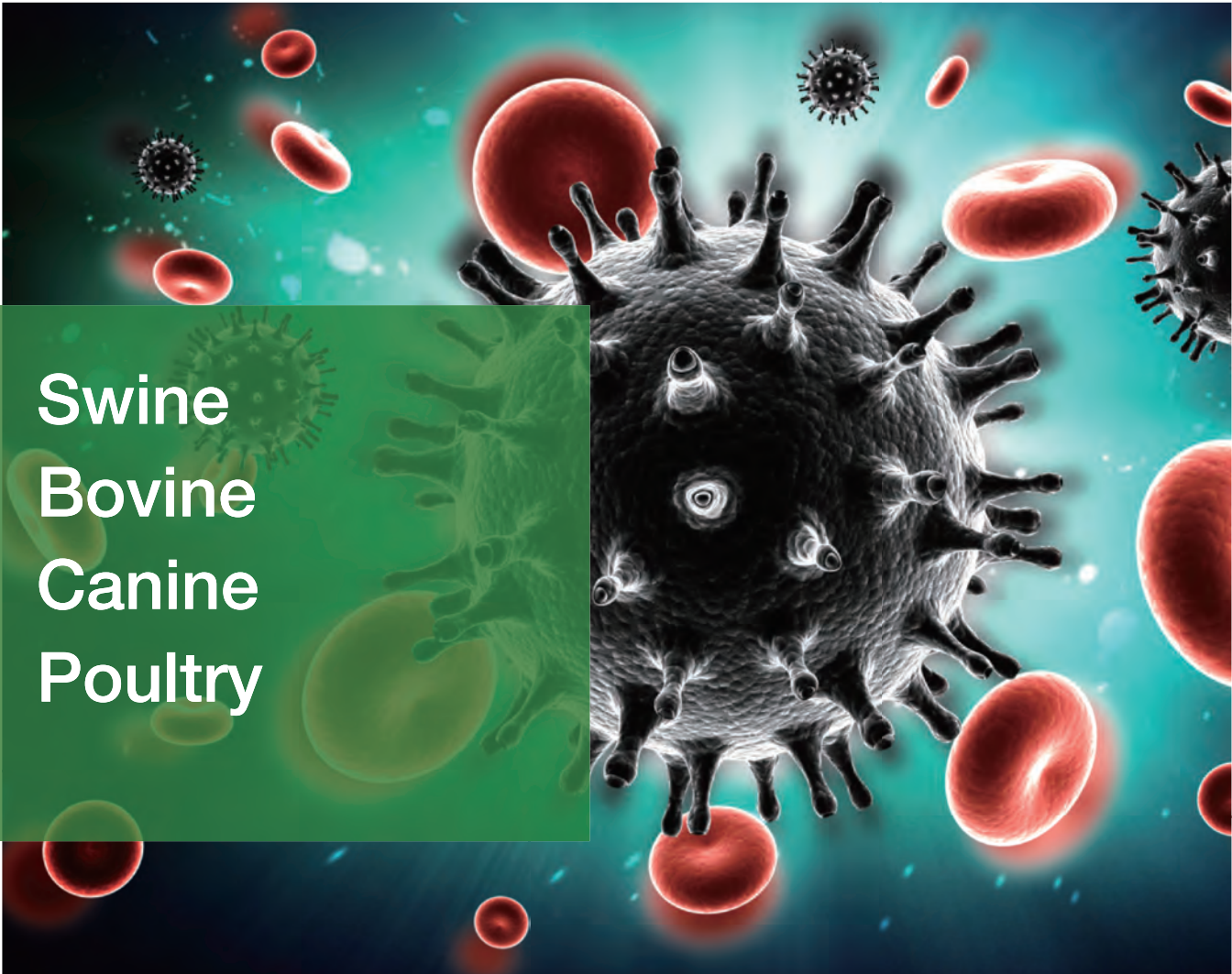


# GREEN CROSS VETERINARY PRODUCTS



Swine  
Bovine  
Canine  
Poultry

## VACCINE SERIES



GREEN CROSS  
VETERINARY PRODUCTS CO.,LTD.

To the future and to the world  
through **Creative Challenge**

Green Cross Veterinary Products Co., Ltd.  
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company in Korea

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# Contents

Good care for animals,  
Good care for farms.



GREEN CROSS  
VETERINARY PRODUCTS CO.,LTD.

## ■ Swine

• Classical Swine Fever(Hog Cholera) live vaccine	04
• Circo-M vac	05
• CircoGuard-V inj.	05
• PED Guard inj.	06
• PED Oral vaccine	06
• PTR combined live vaccine	07
• TGE · Rota Live Combined Vaccine	08
• ColiCl vaccine	08
• Porcine E Coli Vaccine-Polyvalent	09
• New PigRES	10
• Mycoflu	11
• MH Guard inj.	12
• SEPar Vac	12
• Porcine Parvo Gene Vaccine	13

## ■ Bovine

• BEF Live Vaccine	14
• BoviROCO	15

## ■ Canine

• Canine DHPPL Vaccine	16
• New-Parcoro vac	17
• Kennel toxivac	18
• Rabies Live Vaccine	19

## ■ Poultry

• Newcastle Disease LaSota Live vaccine	20
• Newcastle Disease Live vaccine	21
• Infectious Bursal Disease Live vaccine	22
• IB1 Live vaccine	23
• Flu ABBN E plus (H9N2)	24
• BBN oil vaccine	25
• BBNE oil vaccine	25
• PneumoGuard	26

## Classical Swine Fever (Hog Cholera) live vaccine

Live



### Composition (per 1dose)

- Classical swine fever virus (LOM-850 strain) ..... more than  $10^{3.0}$ TCID<sub>50</sub>/ml
- LPGG ..... 20%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) or SC (subcutaneous) injection
- Administration : 1<sup>st</sup> vaccination : 40 days old (5~6 weeks old)  
2<sup>nd</sup> vaccination : 60 days old (8~9 weeks old)  
Revaccination : once a year



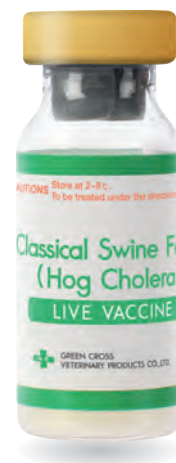
### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

10 doses/vial, 20 doses/vial, 50 doses/vial



## Circo-M vac

Inactivated



### Composition (per 1 dose)

- PCV-2a (PCV2 GC-05-05 stain) ..... more than  $10^{6.0}$ TCID<sub>50</sub>
- PCV-2b (PCV2 GC-05-04 stain) ..... more than  $10^{6.0}$ TCID<sub>50</sub>
- *Mycoplasma hyopneumoniae* ..... more than OD 0.12 at 410nm
- Adjuvant ..... 10%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 3 weeks old  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

10 ml/vial, 20 ml/vial, 50 ml/vial, 100 ml/vial, 200 ml/vial



## CircoGuard-V inj.

Inactivated



### Composition (per 1 dose)

- PCV2 Recombinant antigen ..... more than 70ug
- Adjuvant ..... q.s.



### Dosage and Administration

#### PIGLET

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : 3~4 weeks old

#### SOW

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> parity  
1<sup>st</sup> vaccination : 5~6 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination  
From 2<sup>nd</sup> parity  
3~4 weeks before farrowing



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

5 ml/vial, 10 ml/vial, 25 ml/vial, 50 ml/vial, 100 ml/vial



# Swine

## PED Guard inj.

Inactivated



### Composition (per 1dose)

- Inactivated PEDV (QIAP1401 strain) ..... more than  $10^{7.0}$ TCID<sub>50</sub>
- Montanide gel ..... 20%



### Dosage and Administration

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : Sow
  - 1<sup>st</sup> vaccination : 4~6 weeks before farrowing
  - 2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination
- Gilt
  - 1<sup>st</sup> vaccination : 5~6 weeks before breeding
  - 2<sup>nd</sup> vaccination : 3~4 weeks before breeding



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

5 ml/vial, 10 ml/vial, 20 ml/vial, 50 ml/vial, 100 ml/vial

## PED Oral vaccine

Live



### Composition (per 1dose)

- PEDV (DR13 strain) .....  $10^{5.0}$ TCID<sub>50</sub>
- LPGG ..... 20%



### Dosage and Administration

- Dosage : 2ml/dose, Oral administration
- Administration : 1<sup>st</sup> vaccination : 4~5 weeks before farrowing
- 2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

5 doses/vial, 10 doses/vial



Live

## PTR combined live vaccine



### Composition (per 1 dose)

- PEDV (SM98P strain) ..... more than  $10^{4.5}$ TCID<sub>50</sub>
- TGEV (175L strain) ..... more than  $10^{4.0}$ TCID<sub>50</sub>
- Porcine Rotavirus (A1 strain) ..... more than  $10^{6.0}$ TCID<sub>50</sub>
- Porcine Rotavirus (10 strain) ..... more than  $10^{6.0}$ TCID<sub>50</sub>
- LPGG ..... 20%



### Dosage and Administration

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 4~5 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

5 doses/vial, 10 doses/vial, 20 doses/vial



## TGE · Rota Live Combined Vaccine

Live



### Composition (per 1dose)

- TGEV (more than  $10^{4.0}$ TCID<sub>50</sub>) ..... 20%
- Porcine Rotavirus (more than  $10^{6.0}$ TCID<sub>50</sub>) ..... 30%
- LPGG ..... 50%



### Dosage and Administration

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 5~6 weeks before breeding  
2<sup>nd</sup> vaccination : 2~3 weeks before breeding



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 12 months from manufactured date



### Packing

5 doses/vial, 10 doses/vial



## ColiCl vaccine

Inactivated



### Composition (per 1dose)

- *Escherichia coli* (k88ab) ..... 2X10<sup>8</sup> CFU
- *Escherichia coli* (k88ac) ..... 2X10<sup>8</sup> CFU
- *Escherichia coli* (k99/F41) ..... 2X10<sup>8</sup> CFU
- *Escherichia coli* (987p) ..... 2X10<sup>8</sup> CFU
- *Clostridium perfringens* type C toxoid ..... 10 IU
- Adjuvant ..... 20%



### Dosage and Administration

- Dosage : 3ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 4~5 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 21 months from manufactured date



### Packing

10 ml/vial, 20 ml/vial, 30 ml/vial





## Porcine E Coli Vaccine-Polyvalent

Inactivated



### Composition (per 1dose)

• <i>E. coli</i> pilus (K88ab).....	75 unit
• <i>E. coli</i> pilus (K88ac).....	100 unit
• <i>E. coli</i> (GC01/O8/K87/K88ab).....	10 <sup>10</sup> CFU
• <i>E. coli</i> (GC02/O138/K81/K88ab).....	10 <sup>10</sup> CFU
• <i>E. coli</i> (GC03/O141/K88ab/K88ac).....	10 <sup>10</sup> CFU
• <i>E. coli</i> (GC04/O149/K91/K88ac).....	10 <sup>10</sup> CFU
• Adjuvant (AIOH <sub>3</sub> Gel).....	20%



### Dosage and Administration

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 4~5 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 12 months from manufactured date



### Packing

20 ml/vial



## New PigRES

Inactivated



### Composition (per 1dose)

• <i>B. bronchiseptica</i> .....	OD 1.0 at 410nm
• <i>P. multocida</i> (type A, D) .....	OD 1.0 at 410nm
• <i>A. pleuropneumoniae</i> (type 2, 5) .....	OD 1.0 at 410nm
• <i>M. hyopneumoniae</i> .....	OD 0.12 at 410nm
• <i>B. bronchiseptica</i> cDNT .....	200ug/ml
• <i>P. multocida</i> (type D) cDNT .....	200ug/ml
• <i>P. multocida</i> (type A) OMP .....	30ug/ml
• <i>A. pleuropneumoniae</i> (type 2, 5) toxoid .....	10ug/ml
• <i>S. suis</i> (type 2) .....	OD 0.45 at 410nm
• <i>H. parasuis</i> (type 1, 4, 5) .....	OD 0.45 at 410nm
• AIOH <sub>3</sub> Gel .....	20%
• IMS1313 .....	3%



### Dosage and Administration

#### SOW

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 4~5 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination

#### PIGLET

- Dosage : 1.5ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 3~4 weeks old  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

15 ml/vial, 20 ml/vial, 30 ml/vial, 50 ml/vial, 100 ml/vial



## Mycoflu

Inactivated



### Composition (per 1 dose)

- A/Swine/Korea/GC0503/2005(H1N1) strain ..... more than 2<sup>7</sup>HAU, 30%
- A/Swine/Korea/GC0502/2005(H1N2) strain ..... more than 2<sup>7</sup>HAU, 30%
- A/Swine/Korea/GC0407/2005(H3N2) strain ..... more than 2<sup>7</sup>HAU, 30%
- *Mycoplasma hyopneumoniae* ..... more than OD 0.12 at 410nm
- Rehydragel ..... 10%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 4 weeks old  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 12 months from manufactured date



### Packing

10 ml/vial, 20 ml/vial, 50 ml/vial, 100 ml/vial, 200 ml/vial



# Swine

## MH Guard inj.

Inactivated



### Composition (per 1dose)

- *Mycoplasma hyopneumoniae* ..... OD 0.12 at 410nm ( $10^{7.8}$ CCU<sub>50</sub>)
- Adjuvant (Gel) ..... 10%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 3 weeks old  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

10 ml/vial, 20 ml/vial, 50 ml/vial, 100 ml/vial, 200 ml/vial



## SEPar Vac

Inactivated



### Composition (per 1dose)

- Porcine parvovirus VP2 protein ..... more than 5000HAU
- *Erysipelothrix rhusiopathiae* antigen ..... more than  $1.0 \times 10^{10}$ CFU
- AIOH<sub>3</sub> Gel ..... 20%



### Dosage and Administration

- Dosage : 2ml/dose, IM (Intramuscular) injection
  - Administration : Sow - Once before breeding service  
Gilt - Twice, at 5 and 2 weeks before breeding  
Boar - Twice, 2 weeks intervals after selection
- \*\* Supplemental vaccination at 2 weeks before every breeding service



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

20 ml/vial



## Porcine Parvo Gene Vaccine

Inactivated



### Composition (per 1 dose)

- Porcine parvo virus capsid protein, VP2 ..... more than 5,000 HAU
- Adjuvant (Gel) ..... 10mg



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : **Sow**  
Once before breeding service
- Gilt**  
1<sup>st</sup> vaccination : 4 weeks before breeding  
2<sup>nd</sup> vaccination : 2 weeks before breeding



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

5 ml/vial, 10 ml/vial



## BEF Live Vaccine

Live



### Composition (per 1dose)

- Attenuated BEFV (M11 BH23 V5 strain) ..... more than  $10^{3.0}$ TCID<sub>50</sub>
- LPGG ..... 20%



### Dosage and Administration

- Dosage : 2ml/dose, SC (subcutaneous) injection
- Administration : Twice, 3~4 weeks interval, before mosquitoes appear, Regardless of weight and breed  
Revaccination : once a year



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 21 months from manufactured date



### Packing

3 doses/vial.



## BoviROCO

Live



### Composition (per 1 dose)

- Bovine coronavirus (BC94 strain) ..... more than  $10^{4.0}$  TCID<sub>50</sub>/ml
- Bovine rotavirus (P44 strain) ..... more than  $10^{5.0}$  TCID<sub>50</sub>/ml
- Bovine rotavirus (678 strain) ..... more than  $10^{5.0}$  TCID<sub>50</sub>/ml
- LPGG ..... 20%



### Dosage and Administration

#### COW

- Dosage : 2ml/dose, IM (Intramuscular) injection
- Administration : 1<sup>st</sup> vaccination : 6 weeks before farrowing  
2<sup>nd</sup> vaccination : 2 weeks after 1<sup>st</sup> vaccination

#### Calf

- Dosage : 4ml/dose, Oral administration
- Administration : before uptake colostrum



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

1 dose/vial, 2 doses/vial, 5 doses/vial, 10 doses/vial, 20 doses/vial



## Canine DHPPL Vaccine

Live/Inactivated



### Composition (per 1dose)

#### DHPP vaccine (lyophilized live vaccine)

- Canine Distemper attenuated virus (TCO-D strain) ..... 18%
- Canine Infectious Hepatitis attenuated virus (TCO-H strain) ..... 10%
- Canine Parvovirus attenuated virus (CPV-GC strain) ..... 24%
- Canine Parainfluenza attenuated virus (CPI-GC strain) ..... 18%

#### Leptospira vaccine (inactivated liquid vaccine)

- *Leptospira canicola* ..... 10<sup>8</sup>
- *Leptospira icterohaemorrhagiae* ..... 10<sup>8</sup>



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) or SC (subcutaneous) injection
- Administration : 1<sup>st</sup> vaccination : 5~6 weeks old  
2<sup>nd</sup> vaccination : 8~9 weeks old  
3<sup>rd</sup> vaccination : 11~12 weeks old  
Revaccination : once a year



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

DHPP vac 1 dose/vial and Lepto vac 1 dose/vial





## New-Parcoro vac

Inactivated



### Composition (per 1 dose)

- Canine Parvovirus attenuated virus(DH426 strain) ..... more than 2<sup>9</sup>HAU
- Canine Coronavirus (GCVP-CCV strain) ..... 10<sup>7.0</sup>TCID<sub>50</sub>
- Canine Rotavirus (GC/KS05 strain) ..... more than 10<sup>6.5</sup>TCID<sub>50</sub>
- RehydraGel ..... 20%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : Bitch : Twice, 4~5 weeks and 2~3 weeks before farrowing  
Puppy : Twice, 4~5 weeks and 6~7 weeks  
Adult dog : Twice, 2 weeks interval



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

1 ml/vial, 2 ml/vial, 5 ml/vial, 10 ml/vial, 20 ml/vial



## Kennel toxivac

Inactivated



### Composition (per 1dose)

- *Bordetella bronchiseptica bacterin* ..... OD1.0 @410nm
- *Bordetella bronchiseptica cDNT* ..... 200ug
- AlOH<sub>3</sub> Gel ..... 10mg
- ISA 25 ..... 0.03ml



### Dosage and Administration

#### Bitch

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : Twice, 4~5 weeks and 2~3 weeks before whelping

#### Adult Dog

- Dosage : 1ml/dose, IM (Intramuscular) injection  
\*small breed : 0.5ml/dose
- Administration : Twice, 2~3 weeks interval

#### Puppy

- Dosage : 0.5ml/dose, IM (Intramuscular) injection
- Administration : Twice, 3~4 weeks and 5~6 weeks of age



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

5 ml/vial

## Rabies Live Vaccine

Live



### Composition (per 1 dose)

- Rabies virus (ERA strain) .....  $10^{3.5}LD_{50}$
- LPGG ..... 20%



### Dosage and Administration

- Dosage : 1ml/dose, IM (Intramuscular) injection
- Administration : Once every year (older than 3 months)



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 10 months from manufactured date



### Packing

1 dose/vial



## Newcastle Disease LaSota Live Vaccine

Live



### Composition (per dose)

- Newcastle disease virus (LaSota strain) ..... more than  $10^{5.0} \text{EID}_{50}$
- LPGG ..... 40%



### Dosage and Administration

Only use for chickens older than 5 weeks old in drinking water administration

- Rinse waterers with clean non-sanitized water a day before vaccination.
- Add 0.3~0.5% nonfat dried-milk in water before mixing the vaccine for heightening vaccine effects.
- Provide adequate space so that at least two-thirds of the birds can drink at one time.
- The water containing vaccine should be consumed by the flock within 1-2 hours.
- Use water for dilution that does not contain chlorine or disinfectant.
- Provide water as usual after vaccination.
- Mix the dissolved vaccine with water as shown below and amount of water could be changed according to season, breeding condition or species

Age of chicken	Volume of drinking water (per 1000 doses)	
	5-8 weeks old	Over 9 weeks old
Amount of water	20L	40L



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

500 doses/vial, 1,000 doses/vial, 2,000 doses/vial



## Newcastle Disease Live vaccine

Live



### Composition (per dose)

- Newcastle disease virus (B1 strain) ..... more than  $10^{5.0} \text{EID}_{50}$
- LPGG ..... 20%



### Dosage and Administration

#### Oral administration

- Wash enough bowls for drinking and diluting instruments with water day before vaccination.
- Add 0.3~0.5%, nonfat dried-milk in water for heightening vaccine effects.
- Prepare drinkers enough for more than 2/3 chickens to drink the vaccine at once.
- Let the chickens drink all of the prepared vaccine in 1~2 hours.
- Use natural cold drinking water without chlorine for diluting the vaccine.
- Provide water as usual after vaccination.
- Dilute 1,000 doses of vaccine with natural cold water as per the following table.

Age of chicken	Volume of drinking water (per 1000 doses)		
	< 1 week old	2-3 weeks old	> 4 weeks old
Amount of water	5L	10L	20L

#### Nasal administration

- Rehydrate 1,000 doses of vial vaccine with 100mL of diluents
- Place one drop (0.1mL) of the vaccinal solution in the nasal cavity of each bird, waiting until the drop spreads properly before freeing the bird.



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 21 months from manufactured date



### Packing

500 doses/vial, 1,000 doses/vial, 2,000 doses/vial

## Infectious Bursal Disease Live vaccine

Live



### Composition (per dose)

- Infectious bursal disease virus (IBDV, GC-86-1 strain) ..... more than  $10^{2.0}EID_{50}$
- LPGG ..... q.s.



### Dosage and Administration

- Drinking water administration twice at 2~3 weeks and 10~12 weeks of age.
- Remove all water and feed from chicks for at least 2~3 hours prior to vaccination.
- Dilute the vaccine in waterer with water that can be consumed within 1~2 hours.
- Use natural cold drinking water without chlorine for diluting the vaccine
- Provide water as usual after vaccination

Age of chicken	Volume of drinking water (per 1000 doses)		
	< 1 week old	2-3 weeks old	> 4 weeks old
Amount of water	5L	10L	20L



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

500 doses/vial, 1,000 doses/vial, 2,000 doses/vial



## IB1 Live vaccine

Live



### Composition (per dose)

- Infectious bronchitis virus (IBV, H120 strain) ..... more than  $10^{5.0}EID_{50}$
- Newcastle disease virus (NDV, B1 strain) ..... more than  $10^{6.5}EID_{50}$



### Dosage and Administration

- Drinking water administration twice at 2~3 weeks and 8 weeks of age.
- Mix the dissolved vaccine with water as shown below and amount of water could be changed according to season, breeding condition or species

Age of chicken	Volume of drinking water (per 1000 doses)		
	< 1 week old	2-3 weeks old	> 4 weeks old
Amount of water	5L	10L	20L



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

500 doses/vial, 1,000 doses/vial

## Flu ABBN E plus (H9N2)

Inactivated



### Composition (per dose)

- Inactivated newcastle disease virus (LaSota strain) ..... more than  $10^{9.5}EID_{50}$
- Inactivated infectious bronchitis virus (M41 strain) ..... more than  $10^{7.0}EID_{50}$
- Inactivated infectious bronchitis virus (KM91 strain) ..... more than  $10^{7.0}EID_{50}$
- Inactivated avian influenza virus [A/chicken/Korea/01310/2001 (H9N2), CE20 strain] ..... more than  $10^{8.5}EID_{50}$
- Inactivated egg drop syndrome virus (K-11 strain) ..... more than  $10^{8.0}EID_{50}$
- ISA70 ..... 67%



### Dosage and Administration

- Dosage : 0.5ml/dose, IM (Intramuscular) injection
- Administration : Chest or femoral region before 4~5 weeks of laying



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

1,000 doses/bottle



## BBN oil vaccine

Inactivated



### Composition (per dose)

- Inactivated newcastle disease virus (LaSota strain) ..... more than  $10^{9.5}EID_{50}$
- Inactivated infectious bronchitis virus (M41 strain) ..... more than  $10^{7.0}EID_{50}$
- Inactivated infectious bronchitis virus (KM91 strain) ..... more than  $10^{7.0}EID_{50}$
- ISA70 ..... 70%



### Dosage and Administration

- Dosage : 0.5ml/dose, IM (Intramuscular) injection
- Administration : Once, 4~5 weeks before laying



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

1,000 doses/bottle



## BBNE oil vaccine

Inactivated



### Composition (per dose)

- Inactivated newcastle disease virus (B1 strain) ..... more than  $10^{9.5}EID_{50}$
- Inactivated infectious bronchitis virus (M41 strain) ..... more than  $10^{7.0}EID_{50}$
- Inactivated infectious bronchitis virus (KM91 strain) ..... more than  $10^{7.0}EID_{50}$
- Inactivated egg drop syndrome virus (GCVP 813 strain) ..... more than  $10^{8.0}EID_{50}$
- ISA70 ..... 70%



### Dosage and Administration

- Dosage : 0.5ml/dose, IM (Intramuscular) injection
- Administration : Once, 4~5 weeks before laying



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 18 months from manufactured date



### Packing

1,000 doses/bottle



## PneumoGuard

Inactivated



### Composition (per dose)

- Inactivated avian metapneumovirus (AMPV, SC1509 strain) ..... more than  $10^{6.0}$ TCID<sub>50</sub>
- Adjuvant ..... 70%



### Dosage and Administration

- Dosage : 0.5ml/dose, IM (Intramuscular) injection
- Administration : Once, 14~20 weeks old



### Storage and Expiry

- Storage : 2~8°C and avoid direct sunlight
- Expiry : 24 months from manufactured date



### Packing

1,000 doses/bottle



**VACCINE  
SERIES**

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