

## **SUMMARY OF PRODUCT CHARACTERISTICS**

### **1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Poulvac TRT vaccine, lyophilisate for suspension for spray, eye drop or nose drop administration for turkeys.

### **2. QUALITATIVE AND QUANTITATIVE COMPOSITION**

One dose contains:

**Active substance:**

Attenuated turkey rhinotracheitis virus, strain clone K       $10^{3.2} - 10^{4.5}$  \*CCID<sub>50</sub>

\* CCID<sub>50</sub> = Cell Culture Infectious Dose 50%

**Excipients:**

For a full list of excipients, see section 6.1.

### **3. PHARMACEUTICAL FORM**

Lyophilisate for suspension for spray, eye drop or nose drop administration.

Cream coloured lyophilisate.

### **4. CLINICAL PARTICULARS**

#### **4.1 Target species**

Turkeys.

#### **4.2 Indications for use, specifying the target species**

For active immunisation of turkeys to reduce clinical signs associated with infection with TRT.

Onset of immunity: Immunity to challenge has been demonstrated 3 weeks after vaccination

Duration of immunity: 14 weeks.

#### **4.3 Contraindications**

None.

#### **4.4 Special warnings for each target species**

Vaccinate healthy animals only.

The use of the vaccine in turkeys older than 10 days does not induce sufficient protection due to the resistance against TRT increasing with age.

#### **4.5 Special precautions for use**

##### Special precautions for use in animals

In order to prevent risks of dissemination of the vaccine in the site, all the birds at the same site should be correctly vaccinated.

Do not vaccinate in mixed breeding farms where turkeys and other avian species, except chickens, are raised. The virus contained in the vaccine was shown to spread for approximately 10 days. This spreading appeared to be without any consequence for chickens.

There is a possibility that the virus may be disseminated to other avian species and care should be taken to avoid contact with other birds.

##### Special precautions to be taken by the person administering the veterinary medicinal product to animals

If the vaccine is administered by spray, personal protective equipment consisting of safety goggles and a dust mask or a helmet with filtered air circulation should be worn.

#### **4.6 Adverse reactions (frequency and seriousness)**

In rare cases, turkeys may display mild TRT like symptoms (i.e. nasal exudate) from day 7 to 8 post vaccination. In field trials, reactions of a transient nature lasting 1-2 days were seen rarely between day 10 and 21 days post vaccination.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))
- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

#### **4.7 Use during pregnancy, lactation or lay**

Do not use in turkeys in lay.

#### **4.8 Interaction with other medicinal products and other forms of interaction**

No information is available on the safety and efficacy of this vaccine when used with any other veterinary medicinal product. A decision to use this vaccine before or after any other veterinary medicinal product therefore needs to be made on a case by case basis.

#### **4.9 Amounts to be administered and administration route**

One dose per bird from 1 day of age to be administered by spray, eye drop or nose drop.

Only disinfectant-free and/or antiseptic free materials should be used for the preparation of vaccine solution.

##### Spray

The vaccine should be reconstituted with water of good quality at room temperature, e.g. deionised water or good quality drinking water. Treat water with milk powder if necessary but ensure there are no particles which may block the spray nozzle.

Remove the aluminium seal from the vaccine vial. To dissolve the vaccine pellet, the rubber stopper should be removed whilst the vial is immersed in a clean plastic measuring jug containing 0.2 - 0.5 litre of water (as noted below for sprayer types). Half fill the vial with water, replace the stopper and shake to dissolve any remaining vaccine. Pour into the jug and stir carefully to ensure even dispersal of the vaccine. The vaccine should then be added to the sprayer.

The quantity of water depends on the method of administration:

Hand spray: 0.2 L/1,000 birds  
Knapsack spray: 0.5 L/1,000 birds, if the birds are housed on the ground.  
0.25 L/1,000 birds, if the birds are housed in a battery.  
Automatic spray equipment: 0.15 - 0.50 L/1,000 birds (hatchery)

If administered by spray, spray equipment, providing a droplet size of 0.12 - 0.15 mm has to be used (hand spray, knapsack spray, automatic spray equipment). The distance from the spraying head to the birds must be approximately 50 cm. Hold birds in boxes for approximately 30 - 45 minutes. Ensure the temperature of the holding area is 70 - 80 °F and draught free, to avoid chilling.

Spray application is only to be carried out in housings which can be closed properly. Turn off ventilation fans, if any, avoid air movement.

##### Eye drop/nose drop

30-50 ml/1000 birds, 0.03-0.05 ml/eye or nostril.

Reconstitute vaccine by dissolving in deionised water for eye drop at the rate of 30 ml to 1,000 doses. The deionised water should be at room temperature. Remove the aluminium cap and rubber stopper from the vaccine vial and add deionised water from 30 ml to half fill the vial. Replace the rubber stopper and shake so that all the vaccine material is completely dissolved. Pour the vaccine concentrate into the rest of the 30 ml and mix well.

Administer by dropper at the rate of one drop (0.03 ml) per bird onto one eye. The use of standardised droppers is recommended. Hold the bird so that one eye is pointing upwards and allow one drop of vaccine to fall into the eye. Birds should swallow during vaccination.

#### **4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary**

Administration of a 10 fold overdose does not result in significantly worse adverse reactions to those seen after administration of a single dose.

#### **4.11 Withdrawal period(s)**

Zero days.

### **5. IMMUNOLOGICAL PROPERTIES**

To stimulate active immunity against TRT virus.

Pharmacotherapeutic group: immunologicals for aves, turkey, live viral vaccines, turkey rhinotracheitis virus  
ATC Vet Code: QI01CD01

### **6. PHARMACEUTICAL PARTICULARS**

#### **6.1 List of excipients**

Mannitol  
NZ Case Plus  
Gelatin  
Inositol

#### **6.2 Major incompatibilities**

Do not mix with any other veterinary medicinal product, except diluents or other component recommended for use with the veterinary medicinal product.

#### **6.3 Shelf life**

Shelf-life of the veterinary medicinal product as packaged for sale:  
20 months.

Shelf-life after reconstitution according to directions:  
4 hours.

#### **6.4 Special precautions for storage**

Store and transport refrigerated (2°C - 8°C).  
Keep the container in the outer carton.  
Protect from light.  
Do not freeze.

## **6.5 Nature and composition of immediate packaging**

Vial:

Type I glass vial containing freeze dried pellet of 1,000, 2,000 or 5,000 doses

Closure:

Siliconised Type I rubber secured with an aluminium cap.

### **Pack sizes:**

Cardboard boxes containing 1 vial of 1,000 doses

Cardboard boxes containing 1 vial of 2,000 doses

Cardboard boxes containing 1 vial of 5,000 doses

Cardboard boxes containing 10 vials of 1,000 doses

Cardboard boxes containing 10 vials of 2,000 doses

Cardboard boxes containing 10 vials of 5,000 doses

Not all pack sizes may be marketed.

## **6.6 Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products**

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

## **7. MARKETING AUTHORISATION HOLDER**

Zoetis UK Limited  
1st Floor, Birchwood Building  
Springfield Drive  
Leatherhead  
Surrey  
KT22 7LP

## **8. MARKETING AUTHORISATION NUMBER**

Vm 42058/4113

## **9. DATE OF FIRST AUTHORISATION**

05 November 1997

## **10. DATE OF REVISION OF THE TEXT**

July 2021

Revised: July 2021  
AN: 00427/2021 & 00428/2021

Approved 29 July 2021

A handwritten signature in black ink, consisting of a stylized initial followed by the name "Hunter." with a period.