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## PM-ONEVAX™

### Schering-Plough

#### Pasteurella multocida Vaccine, Avirulent Live Culture, Avian Isolate

U.S. Vet. Lic. No.: 165A

**Active Ingredient(s):** *Pasteurella multocida* vaccine, avirulent live culture, avian isolate.

The seed culture used to make the vaccine has been laboratory tested for protection against challenge with the P1059 (USDA challenge) strain of *P. multocida*.

**Indications:** For vaccinating healthy breeder and market turkeys six weeks of age or older as an aid in the prevention of fowl cholera due to *P. multocida*.

**Dosage and Administration:** When to Vaccinate: Best results are obtained when the vaccine is administered initially to turkeys six (6) to eight (8) weeks of age and repeated every four (4) to six (6) weeks thereafter as necessary according to exposure conditions.

Vaccination Program: The development of a durable, strong protection to fowl cholera depends upon the use of an effective vaccination program as well as many other circumstances such as administration techniques, environment, and flock health at the time of vaccination. Also, the immune response to one (1) vaccination under field conditions is seldom complete for all animals within a given flock. Even when vaccination is successful, the protection stimulated in individual birds against different diseases may not be life long. Therefore, a program of periodic revaccination is necessary.

Preparation of the Vaccine:

1. Assemble the vaccine and equipment needed to vaccinate the entire flock at one time.
2. Do not open and rehydrate the vaccine until ready for use.
3. Remove the tear-off aluminum seal from the vaccine vial without disturbing the rubber stopper.
4. Use cool, clean, nonchlorinated tap water to which powdered milk has been added as directed under How to Vaccinate.
5. Remove the rubber stopper from the vaccine vial and rehydrate the vaccine by filling the vial about half-full with tap water (milk added).
6. Reseat the stopper and shake to thoroughly dissolve the vaccine.

**How to Vaccinate:** Do not mix the vaccine into the drinking water until ready for use. Drinking water for vaccination should be mixed with powdered milk to prevent possible inactivation from chlorine or other water additives and also to stabilize the vaccine bacteria. The powdered milk should be added to the water at the rate of one (1) heaped teaspoon per 3 U.S. gallons or 2.5 imperial gallons (3 g per 11 L); or one (1) heaped cupful per 80 U.S. gallons or 66 imperial gallons (90 g per 300 L).

Use only clean waterers and equipment free of disinfectants or sanitizers. All water must be withheld from the birds for at least two (2) hours prior to vaccination to ensure that all of the turkeys drink. Mix the rehydrated vaccine in the quantity of drinking water (milk added) which will be consumed by thirsty turkeys in approximately two (2) hours.

The following schedule is a general guideline for the amount of water to use with the vaccine. These amounts will vary depending upon the individual management conditions, climate, age and sex of the birds.

Age	Sex	Climate	Amount of water for each 1,000 doses		
			U.S. Gallons	Imperial Gallons	Liters
6-8 weeks	Toms	Hot	25	21	95
6-8 weeks	Hens	Hot	20	17	76
6-8 weeks	Toms	Cold	13	11	49
6-8 weeks	Hens	Cold	10	8	38
10-14 weeks	Toms	Hot	35	29	133
10-14 weeks	Hens	Hot	27	22	103
10-14 weeks	Toms	Cold	18	15	68

10-14 weeks	Hens	Cold	14	12	53
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Another helpful guideline for daily water consumption is one (1) U.S. gallon or 0.8 imperial gallon (3.8 L) of water per week of age per 100 poults; figure 40% of this amount. This 40% is about a 3-hour supply for the flock.

Distribute 1,000 doses of the vaccine in water as used by 1,000 turkeys, or 2,500 doses of the vaccine in water as used by 2,500 turkeys. Provide ample watering space so that all of the turkeys can drink easily. Do not administer through water lines with a proportioner or medication tank.

Records: Keep a record of the vaccine type, quantity, serial number, expiration date, and place of purchase; the date and time of vaccination; the number, age, breed, and location of the birds; the names of operators performing the vaccination and any observed reactions.

**Contraindication(s):** Turkeys must be healthy and free of environmental or physical stress at the time of vaccination. Initial vaccination with this vaccine should not be conducted in turkeys older than 12 weeks of age. Do not use this vaccine within two weeks before or two weeks after vaccinating turkeys with a live virus Newcastle vaccine.

**Precaution(s):** Store at 35° to 45°F (2° to 7°C).

**Caution(s):** For veterinary use only.

1. To avoid interference with the development of protection, turkeys to be vaccinated should not be given any antibiotic and/or sulfonamide medication, used in the prevention or treatment of fowl cholera for three days before and five days after vaccination.
2. Vaccinate healthy birds only. Coccidiosis, respiratory disease, mycoplasma infection, or other disease conditions may cause serious complications or reduce protection. Vaccinated flocks should be watched closely and medicated as necessary to control more severe reactions. Avoid exposing birds other than turkeys to the vaccine.
3. All birds within a flock should be vaccinated on the same day. Isolate other susceptible birds on the premises from the birds being vaccinated.
4. In outbreak situations, vaccinate healthy birds first progressing toward outbreak areas in order to vaccinate diseased birds last. Vaccination in the face of an acute outbreak is not recommended. Under these conditions, use an effective fowl cholera treatment, wait at least three days or until the outbreak subsides and then vaccinate.
5. Do not spill or spatter the vaccine. Burn the empty bottles, caps and all unused vaccine and accessories. Use the entire contents of the vial when first opened.
6. Wash hands thoroughly after using the vaccine.
7. Do not dilute the vaccine or otherwise stretch the dosage.

**Warning(s):** Do not vaccinate within 21 days before slaughter.

**Presentation:** Supplied lyophilized in 10 x 1,000 and 10 x 2,500 dose unit packs.

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