

### Prescription Label

Patient Name:

Species:

Drug Name & Strength:

Directions (amount to give how often & for how long):

Prescribing Veterinarian's Name & Contact Information:

Refills:

[Content to be provided by prescribing veterinarian]

## Moxidectin (Horse)

(*mox-i-dek-tin*)

**Description:** Antiparasitic Agent

**Other Names for this Medication:** Quest®

**Common Dosage Forms: Veterinary:** 2% (20 mg/mL) gel in 11.3 g oral syringe. Combination products with other antiparasitic drugs are also available. **Human:** None.

This information sheet does not contain all available information for this medication. It is to help answer commonly asked questions and help you give the medication safely and effectively to your animal. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

### Key Information

- ▶ Oral deworming medication for use in horses. One syringe can treat up to a 1150 lb (523 kg) horse.
- ▶ Safe when used as directed on the label.
- ▶ Dispose of unused product carefully as it can be toxic to wildlife.

### How is this medication useful?

Oral moxidectin (alone) is used in horses as a dewormer and boticide. It works against many strongyles, ascarids, pinworms, hairworms, stomach worms, and stomach bots. The FDA (U.S. Food & Drug Administration) has approved this drug (Quest® oral gel) for use in horses and ponies, including breeding mares and stallions, and foals six months of age and older for treating multiple types of gastrointestinal (GI) parasites. The FDA allows veterinarians to prescribe and use products containing this drug in different species or for other conditions in certain situations. You and your veterinarian can discuss why this drug is the most appropriate choice.

### What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- ▶ Other drugs can interact with this drug, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.
- ▶ Tell your veterinarian about any conditions or diseases your horse may have now or has had in the past.
- ▶ If your animal has been treated for the same disease or condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.

- ▶ If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- ▶ Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your horse has developed in the past.

### **How long until I will know if this medication is working, and how long will the effects of this medication last?**

This medication should start having effects within 1 to 2 days; however, you will not see the effects of this medication outwardly. Your veterinarian will need to run further tests to determine if the medication is working appropriately. The effects of this medication are long-lived, meaning they may last for multiple (ie, 4 to 6) weeks, although they may be prolonged if your animal has decreased kidney and/or liver function.

### **When should this medication not be used or be used very carefully?**

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used in horses:

- ▶ That are allergic to it.
- ▶ That are to be used for human consumption.
- ▶ That are sick, weak, frail, or underweight.
- ▶ Less than 6 months of age (product label).

This drug should be used **WITH CAUTION** in:

- ▶ Foals, young, and miniature horses, as an overdose may result in serious adverse reactions.

If your horse matches any of these conditions, talk to your veterinarian about the potential risks versus benefits.

### **What are the side effects of this medication?**

Moxidectin usually has no side effects when used as labeled.

#### ***Side effects that may be serious or indicate a serious problem:***

- ▶ Depression, incoordination, weakness, stumbling, and inability to get up, especially when young, weak, or frail animals are treated.

If you see any of these signs, contact your veterinarian immediately.

### **If my animal gets too much of this medication (an overdose), what should I do?**

If you witness or suspect an overdose, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **Pet Poison HELPLINE** (855-764-7661) and **ASPCA Animal Poison Control Center** (888-426-4435); a consultation fee is charged for these services.

### **How should this medication be given?**

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

Each syringe (Quest®) treats a single horse weighing up to 1150 lb (523 kg).

#### **How to set the dose:**

The dose is based on the weight of the animal. Use a scale or weight tape to find each animal's weight before treating. Once the weight is known, set the dose for each horse or pony as follows:

- ▶ Hold the syringe with the capped end pointing to the left and so that you can see the weight measurements and tick marks (small black lines). Each tick mark relates to 50 lbs of body weight.
- ▶ Turn the green dial ring until the left side of the ring lines up with the weight of the animal.

#### **How to give moxidectin gel (Quest®) to a horse or pony:**

- ▶ Make sure there is no feed in the animal's mouth.
- ▶ Remove the cap from the end of the syringe. Save the cap for reuse.
- ▶ Place the tip of the syringe inside the animal's mouth at the space between the teeth.
- ▶ Gently push the plunger until it stops, depositing the gel on the back of the tongue.
- ▶ Remove the syringe from the animal's mouth and raise the animal's head slightly to make sure it swallows the gel.
- ▶ Replace the syringe cap.
- ▶ If the first animal you treat weighs less than 1150 lbs, there will be gel left in the syringe. You can use this gel to treat other horses or ponies.

**What should I do if I miss giving a dose of this medication?**

If you miss a dose, give it when you remember and then wait the amount of time between doses recommended by your veterinarian before giving another dose. Do not double-up or give extra doses.

**How should I store this medication?**

- ▶ Store at or below 77°F (25°C). Avoid freezing. If frozen, thaw completely before use. Store partially-used syringe with the cap on tightly.
- ▶ Keep away from children and other animals.

**Can handling this medication be hazardous to me, my family, or other animals?**

There are no specific precautions required when handling this medication unless you are allergic to it. Wash your hands after handling any medication.

**How should I dispose of this medication if I don't use it all?**

- ▶ Dispose of moxidectin carefully as it can be toxic to fish, turtles, and other wildlife.
- ▶ Do not flush this medication down the toilet or wash it down the sink. If a community drug “take-back” program is available, use this option. If there is no take-back program, mix the drug with coffee grounds or cat litter (to make it undesirable to children and animals and unrecognizable to people who might go through your trash), place the mixture in a sealable plastic bag to keep it from leaking out, and throw the bag out with the regular trash.

**What other information is important for this medication?**

Use of this drug may not be allowed in certain animal competitions. Check rules and regulations before entering your animal in a competition while this medication is being administered.

**If you have any other questions about this medication, contact your veterinarian or pharmacist.**

Special Instructions: <hr/> <hr/> <hr/> <hr/>
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Refills:

[Content to be provided by prescribing veterinarian]

## Imidacloprid with Moxidectin, Topical (Dogs)

(*ih-mid-oh-kloe-brid* with *mox-i-dek-tin*)

**Description:** Agent to Treat & Control Fleas, Sarcoptic Mange & Intestinal Parasites; Heartworm Prevention

**Other Names for this Medication:** Advantage Multi® for Dogs

**Common Dosage Forms: Veterinary:** 10% imidacloprid, 2.5% moxidectin; Available in multiple sizes based on pet's body weight: 3-9 lbs (0.4 mL), 9-20 lbs (1.0 mL), 20-55 lbs (2.5 mL), 55-88 lbs (4.0 mL), 88-110 lbs (5.0 mL). **Human:** None.

This information sheet does not contain all available information for this medication. It is to help answer commonly asked questions and help you give the medication safely and effectively to your animal. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

### Key Information

- ▶ Topical product for dogs to prevent heartworm infection; to treat flea and sarcoptic mange infestations; and to treat and control hookworms and roundworms.
- ▶ When used as directed on the label, imidacloprid with moxidectin is safe in most dogs.
- ▶ Do not let dog lick treated area; keep other pets and children away from treated animals until the area has dried (about 2 hours).
- ▶ Dispose of empty containers and any unused product carefully.

### How is this medication useful?

The combination of imidacloprid and moxidectin for topical administration (Advantage Multi® for Dogs) is used monthly to prevent heartworm infection, to treat flea and sarcoptic mange infestations, and to treat and control hookworms and roundworms. This topical combination may also be used in an extra-label manner for treating other mite infections such as cheyletiellosis and demodicosis. The FDA (U.S. Food & Drug Administration) has approved this drug for use in dogs and puppies that are at least 7 weeks of age and weigh at least 3 lb (1.36 kg). The FDA allows veterinarians to prescribe and use products containing this drug in different species or for other conditions in certain situations. You and your veterinarian can discuss why this drug is the most appropriate choice.

### What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- ▶ Other drugs can cause problems when used with this product, so be sure to tell your veterinarian and pharmacist what medications

(including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.

- ▶ Tell your veterinarian about any conditions or diseases your animal may have now or has had in the past.
- ▶ If your animal has been treated for the same disease or condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.
- ▶ If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- ▶ Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your animal has developed in the past.

### **How long until I will know if this medication is working, and how long will the effects of this medication last?**

Fleas will begin to die within 4 hours. Ticks and internal parasites can take up to 24 hours or longer to die. Your animal's clinical signs should begin to improve after that time. The effects of this medication are long-lived, meaning they may last for multiple (ie, 4 to 6) weeks, although they may be prolonged if your animal has decreased kidney and/or liver function.

### **When should this medication not be used or be used very carefully?**

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used on:

- ▶ Dogs that are allergic to it or allergic to other avermectin drugs (eg, ivermectin, selamectin).
- ▶ Cats. The cat formulation of this product contains different drug concentrations and may be toxic to cats.

This drug should be used **WITH CAUTION** in dogs that are:

- ▶ Sick, weak, frail, or underweight.
- ▶ Pregnant, lactating, or used for breeding; safety has not yet been established for these dogs.
- ▶ Less than 7 weeks of age or weigh less than 3 lb; safety in these animals has not been established.

If your animal has any of these conditions, talk to your veterinarian about the potential risks versus benefits.

### **What are the side effects of this medication?**

When used as directed on the label dogs usually tolerate this product very well.

#### ***Side effects that usually are not serious include:***

- ▶ Redness, itching, and discomfort at application site.

You don't have to be overly concerned if you see any of these signs unless they are severe, worsen, or continue to be a problem. Contact your veterinarian if this happens.

#### ***Side effects that may be serious or indicate a serious problem:***

- ▶ Depression, salivation (drooling), dilated (big) pupils, incoordination, weakness (eg, stumbling, clumsiness), panting, and generalized muscle tremors. Any of these may mean a toxic ingestion of the drug occurred. Dog breeds with specific genetic mutations (*MDR1*; avermectin-sensitive dog breeds) including collies, Australian shepherds, Shetland sheepdogs (Shelties), long-haired whippets are most susceptible to these toxic effects.

If you see any of these signs, contact your veterinarian immediately.

### **If my animal gets too much of this medication (an overdose), what should I do?**

Overdoses or oral ingestions can be serious, especially in avermectin-sensitive dog breeds ("white feet" breeds, including Collies, Australian Shepherds, Shelties, Long-haired Whippets). If you witness or suspect a topical overdose or ingestion, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **ASPCA Animal Poison Control Center** (888-426-4435) and **Pet Poison HELPLINE** (855-764-7661); a consultation fee is charged for these services.

### **How should this medication be given?**

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are administering the drug correctly.

- ▶ This product should only be used once per month unless your veterinarian instructs you to use it more often.
- ▶ Do not apply to irritated skin.
- ▶ Remove one dose applicator tube that correctly corresponds with the body weight of the dog from the package, and use all of the entire contents.
- ▶ While holding the tube in an upright position, remove the cap from the tube. Turn the cap over and push the other end of cap onto the tip of the tube. Twist the cap to break the seal and then remove the cap from the tube.

- ▶ The dog should be standing for application. Part the hair on the back of the dog between the shoulder blades until the skin is visible. For dogs weighing 20 lb or less, place the tip of the tube on the skin and squeeze the entire contents directly on the exposed skin at one spot between the shoulder blades. For dogs weighing more than 20 lb, place the tip of the tube on the skin and apply the entire contents directly on the exposed skin at 3 or 4 spots on the top of the backline from the base of the neck to the upper back in an area that they can't lick. You don't want any of the medication to run off of the spot where it's applied, so don't apply too much at any one site.
- ▶ Do not let this product get in your dog's mouth or eyes.
- ▶ This medication can be administered for various lengths of time, so be sure you understand how often and for how long your veterinarian wants you to continue giving it. You may need to get refills before the therapy will be complete.
- ▶ **WARNING:** For the first 2 hours after application, be sure that dogs cannot lick the product from the application sites on themselves or on other treated dogs, and separate treated dogs from one another and from other pets to reduce the risk of accidental ingestion. If cats are treated in the household with the cat product, do not let dogs lick the product.

### **What should I do if I miss giving a dose of this medication?**

The product should be administered one month at a time. If a dose is missed and a 30-day interval between doses is exceeded, administer it immediately and resume the monthly dosing schedule. If you are replacing another heartworm preventative with Advantage Multi® for Dogs, the first treatment with Advantage Multi® for Dogs should be given within one month of the last dose of the former medication. When using this product for heartworm prevention: If more than 8 weeks have passed without giving this medication, start giving the drug as soon as you remember. After that, continue giving the medication monthly, but make sure to have your animal tested for heartworm infection 6 months later, as your dog may have become infected during the time the medication was not given. Do not double-up or give extra doses unless instructed to do so by your veterinarian.

### **How should I store this medication?**

- ▶ Store at temperatures between 4°C (39°F) and 25°C (77°F), avoiding excess heat or cold.
- ▶ Keep away from children and other animals.

### **Can handling this medication be hazardous to me, my family, or other animals?**

The product label states: Causes eye irritation. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and warm water after handling.

- ▶ **IF IN EYES:** Hold eyelids open and flush with copious amounts of water for 15 minutes. If eye irritation develops or persists, contact a physician.
- ▶ **IF SWALLOWED:** Call poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or physician. People with known hypersensitivity to benzyl alcohol, moxidectin, or imidacloprid should administer the product with caution.
- ▶ **IF ON SKIN:** Take off contaminated clothing and wash affected skin immediately with plenty of soap and water. Call a poison control center or physician for treatment advice. In case of allergic reaction, contact a physician.
- ▶ For the first 2 hours after treatment, do not allow children or other animals to come into contact with treated animals.
- ▶ Disposable gloves are not required (not mentioned on label), but they may be considered when applying this medication.

### **How should I dispose of this medication if I don't use it all?**

- ▶ Dispose of this product carefully, as it can be toxic to fish, turtles, and other wildlife.
- ▶ Do not save leftover medication for future use or give it to others to use.
- ▶ If there is any medication left call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. Recommend putting the empty container in a sealed plastic bag before placing in trash or offer for recycling if available.

### **What other information is important for this medication?**

- ▶ Stiff hair, a damp appearance of the hair, pink skin, or a slight powdery residue may be observed at the application site on some animals. This effect is temporary and does not affect the safety and effectiveness of the product.
- ▶ Shampooing 90 minutes after treatment does not reduce the effectiveness of the product in the prevention of heartworm disease.
- ▶ Shampooing or water immersion 4 days after treatment will not reduce the effectiveness of the product in the treatment of flea infestations; however, shampooing once weekly or more may reduce the effectiveness of the product against fleas.
- ▶ When used as labeled, administration of this topical product is safe for dogs with the *MDR-1* genetic mutation.

**If you have any other questions about this medication, contact your veterinarian or pharmacist.**

Special Instructions:

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### Prescription Label

Patient Name:

Species:

Drug Name & Strength:

Directions (amount to give how often & for how long):

Prescribing Veterinarian's Name & Contact Information:

Refills:

[Content to be provided by prescribing veterinarian]

## Imidacloprid with Moxidectin, Topical (Cats, Ferrets)

(*ih-mid-oh-kloe-prid* with *mox-i-dek-tin*)

**Description:** Agent to Treat & Control Fleas, Ear mites, & Intestinal Parasites; Heartworm Prevention

**Other Names for this Medication:** Advantage Multi® for Cats

**Common Dosage Forms: Veterinary:** 10% Imidacloprid, 1% Moxidectin topical liquid. Available in 3 sizes based on cat's body weight: 2-5 lbs. (0.23 mL), 5-9 lbs. (0.4 mL), 9-18 lbs. (0.8 mL). **Human:** None.

This information sheet does not contain all available information for this medication. It is to help answer commonly asked questions and help you give the medication safely and effectively to your animal. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

### Key Information

- ▶ Topical product to prevent heartworm infection and to treat and control fleas, ear mites, hookworms, and roundworms in cats.
- ▶ This product may also be used monthly for prevention of heartworm infection and to treat flea infestations in ferrets.
- ▶ When used as directed on the label, imidacloprid with moxidectin is safe in most cats and ferrets.
- ▶ Do not let animal lick treated area; keep other pets and children away from treated animals until the area has dried (about 30 minutes).
- ▶ Dispose of empty containers and any unused product carefully.

### How is this medication useful?

The combination of imidacloprid and moxidectin for topical use (Advantage Multi® for Cats) is used monthly for the prevention of heartworm infection, to treat flea and ear mite infestations, and to treat and control hookworms and roundworms in cats. This product may also be used monthly for prevention of heartworm infection and to treat flea infestations in ferrets. The FDA (U.S. Food & Drug Administration) has approved this drug for use in cats and kittens that are at least 9 weeks of age and weigh at least 2 lbs. (0.9 kg) and ferrets weighing 2.0-4.4 pounds. The FDA allows veterinarians to prescribe and use products containing this drug in different species or for other conditions in certain situations. You and your veterinarian can discuss why this drug is the most appropriate choice.

### What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- ▶ Other drugs can cause problems when taken with this product, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.
- ▶ Tell your veterinarian about any conditions or diseases your animal may have now or has had in the past.
- ▶ If your animal has been treated for the same disease or condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.
- ▶ If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- ▶ Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your animal has developed in the past.

### **How long until I will know if this medication is working, and how long will the effects of this medication last?**

Fleas will begin to die within 4 hours; ticks and internal parasites can take up to 24 hours or longer to die. Your animal's clinical signs should begin to improve after that time. The effects of this medication are long-lived, meaning they may last for multiple (ie, 4 to 6) weeks, although they may be prolonged if your animal has decreased kidney and/or liver function.

### **When should this medication not be used or be used very carefully?**

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used on:

- ▶ Cats that are allergic to it or allergic to other avermectin drugs (eg, ivermectin, selamectin).
- ▶ Dogs. The cat formulation of this product contains different drug concentrations and will not be effective for dogs.

This drug should be used **WITH CAUTION** in:

- ▶ Animals that are old, sick, and/or underweight.
- ▶ Animals that are pregnant, lactating, or used for breeding; safety has not yet been established.
- ▶ Cats less than 9 weeks of age or weigh less than 2 lbs; safety in these animals has not yet been established.
- ▶ Ferrets that weigh less than 2 lbs (0.9 kg).

If your animal has any of these conditions, talk to your veterinarian about the potential risks versus benefits.

### **What are the side effects of this medication?**

When used as directed on the label cats usually tolerate this product very well.

#### ***Side effects that usually are not serious include:***

- ▶ Mild behavioral changes (eg, hiding, excessive grooming, pacing).
- ▶ Redness, itching, and discomfort at application site.
- ▶ Excessive salivation (drooling).
- ▶ Excessive thirst.

You don't have to be overly concerned if you see any of these signs unless they are severe, worsen, or continue to be a problem. Contact your veterinarian if this happens.

#### ***Side effects that may be serious or indicate a serious problem:***

- ▶ Lethargy (prolonged sleeping, trouble waking up).

If you see any of these signs, contact your veterinarian immediately.

### **If my animal gets too much of this medication (an overdose), what should I do?**

If you witness or suspect an overdose either by topical application or ingestion, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **ASPCA Animal Poison Control Center** (888-426-4435) and **Pet Poison HELPLINE** (855-764-7661); a consultation fee is charged for these services.

### **How should this medication be given?**

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

- ▶ Do not apply to irritated skin.
- ▶ Remove applicator from child-resistant package. Hold applicator upright and snap applicator tip away from face and body. Place applicator tip through parted animal's hair, down to skin level, between the shoulder blades, and near the base of the neck. Squeeze applicator to apply entire contents in a single spot to the animal's skin. Superficial application to the animal's hair will cause treatment to not work. Only one applicator per treatment is needed. (Modified from the Advantage Multi® for Cats label)
- ▶ Avoid contact with treated area until dry.
- ▶ This medication can be administered for various lengths of time, so be sure you understand how often and for how long your

veterinarian wants you to continue giving it. You may need to get refills before the therapy will be complete.

- ▶ **WARNING:** For the first 30 minutes after application, be sure that animals cannot lick the product from the application sites on themselves or on other treated animals. Treatment at the base of the head will minimize the chance for ingestion by grooming. Separate treated animals from one another to reduce the risk of accidental ingestion. If dogs are treated in the household with the dog product, do not let other animals lick the product.

**What should I do if I miss giving a dose of this medication?**

The product should be administered one month at a time. If a dose is missed and a 30-day interval between doses is exceeded, administer it immediately and resume the monthly dosing schedule. If you are replacing another heartworm preventive product with Advantage Multi® for Cats, the first treatment with Advantage Multi® for Cats should be given within one month of the last dose of the former medication. Do not double-up or give extra doses unless instructed to do so by your veterinarian.

**How should I store this medication?**

- ▶ Store unused pipettes in the original child-resistant container and outer box only. Keep product at temperatures between 4°C (39°F) and 25°C (77°F); avoid excess heat or cold.
- ▶ Keep away from children and other animals.

**Can handling this medication be hazardous to me, my family, or other animals?**

The product label states: Causes eye irritation. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin. Wash hands thoroughly with soap and warm water after handling.

- ▶ **IF IN EYES:** Hold eyelids open and flush with copious amounts of water for 15 minutes. If eye irritation develops or persists, contact a physician.
- ▶ **IF SWALLOWED:** Call poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or physician. People with known hypersensitivity to benzyl alcohol, moxidectin, or imidacloprid should administer the product with caution.
- ▶ **IF ON SKIN:** Take off contaminated clothing and wash affected skin immediately with plenty of soap and water. Call a poison control center or physician for treatment advice. In case of allergic reaction, contact a physician.
- ▶ For the first 30 minutes after treatment, do not allow children or other animals to come into contact with treated animals.
- ▶ Disposable gloves are not required (not mentioned on label), but they may be considered when applying this medication.

**How should I dispose of this medication if I don't use it all?**

- ▶ Dispose of this product carefully, as it is can be toxic to fish, turtles and other wildlife.
- ▶ If there is any medication left call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. Recommend putting the empty container in a sealed plastic bag before placing in trash or offer for recycling if available.
- ▶ Do not save leftover medication for future use or give it to others to use.

**What other information is important for this medication?**

- ▶ Cats may experience drooling, tremors, vomiting, and decreased appetite if administered by mouth or if the drug enters the mouth through grooming (licking) of the application site.
- ▶ Stiff, matted hair or a damp, oily appearance of the hair may be observed at the application site on some cats. This is temporary and does not affect the safety and effectiveness of the product.
- ▶ Shampooing 90 minutes after treatment does not reduce the effectiveness of the product in the prevention of heartworm disease.
- ▶ Shampooing or water immersion 4 days after treatment will not reduce the effectiveness of the product in the treatment of flea infestations. However, shampooing as often as once weekly may reduce the effectiveness of the product against fleas.

**If you have any other questions about this medication, contact your veterinarian or pharmacist.**

Special Instructions: <hr/> <hr/> <hr/> <hr/>
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### Prescription Label

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Species:

Drug Name & Strength:

Directions (amount to give how often & for how long):

Prescribing Veterinarian's Name & Contact Information:

Refills:

[Content to be provided by prescribing veterinarian]

## Praziquantel with Moxidectin (Horses)

(*pra-zi-kwon-tel* with *mox-i-dek-tin*)

**Description:** Antiparasitic

**Other Names for this Medication:** Quest® Plus Gel

**Common Dosage Forms: Veterinary:** Oral gel: Praziquantel 12.5% (125 mg/mL) and Moxidectin 2% (20 mg/mL) in 11.6 g oral syringe.

**Human:** None.

This information sheet does not contain all available information for this medication. It is to help answer commonly asked questions and help you give the medication safely and effectively to your animal. If you have other questions or need more information about this medication, contact your veterinarian or pharmacist.

### Key Information

- ▶ Broad-spectrum oral dewormer for horses. The addition of praziquantel is effective for treating tapeworms. One syringe can treat up to a 1250 lb horse.
- ▶ Safe when used as directed on the label.
- ▶ Dispose of unused product carefully as it can be toxic to wildlife.

### How is this medication useful?

Oral praziquantel with moxidectin is used in horses as a broad-spectrum dewormer, including tapeworms and bots. It works against many strongyles, ascarids, tapeworms, pinworms, hairworms, stomach worms, and stomach bot flies. The FDA (U.S. Food & Drug Administration) has approved this drug (Quest Plus® oral gel) for use in horses and ponies six months of age and older for treating several different parasites. The FDA allows veterinarians to prescribe and use products containing this drug in different species or for other conditions in certain situations. You and your veterinarian can discuss why this drug is the most appropriate choice.

### What should I tell my veterinarian to see if this medication can be safely given?

Many things might affect how well this drug will work in your animal. Be sure to discuss the following with your veterinarian so together you can make the best treatment decisions.

- ▶ Other drugs can affect the way this drug works, so be sure to tell your veterinarian and pharmacist what medications (including vitamins, supplements, or herbal therapies) you give your animal, including the amount and time you give each.
- ▶ Tell your veterinarian about any conditions or diseases your animal may have now or has had in the past.
- ▶ If your animal has been treated for the same disease or condition in the past, tell your veterinarian about the treatment and how well it did or didn't work.

- ▶ If your animal is pregnant or nursing, talk to your veterinarian about the risks of using this drug.
- ▶ Tell your veterinarian and pharmacist about any medication side effects (including allergic reactions, lack of appetite, diarrhea, itching, hair loss) your animal has developed in the past.

### **How long until I will know if this medication is working, and how long will the effects of this medication last?**

This medication should start having effects within 1 to 2 hours; however, you will not see the effects of this medication outwardly. Your veterinarian will need to run further tests to determine if the medication is working appropriately. The effects of this medication are moderate in duration, meaning they may last for a few days, although the benefits may be prolonged if your animal has decreased kidney and/or liver function.

### **When should this medication not be used or be used very carefully?**

No drug is 100% safe in all patients, but your veterinarian will discuss with you any specific concerns about using this drug in your animal.

This drug **SHOULD NOT** be used in horses:

- ▶ That are allergic to it.
- ▶ To be used for human consumption.
- ▶ That are sick, weak, frail, or underweight.

This drug should be used **WITH CAUTION** in:

- ▶ Foals and young or miniature horses: an overdose may result in serious adverse reactions; not recommended for use in horses less than 6 months of age.

If your animal has any of these conditions, talk to your veterinarian about the potential risks versus benefits.

### **What are the side effects of this medication?**

Praziquantel and moxidectin gel usually has no side effects when used as directed.

#### ***Side effects that may be serious or indicate a serious problem:***

- ▶ Depression, incoordination, weakness, stumbling, and inability to get up, especially with very young or weak and frail animals.

If you see any of these signs, contact your veterinarian immediately.

### **If my animal gets too much of this medication (an overdose), what should I do?**

If you witness or suspect an overdose, contact your veterinarian or an animal poison control center for further advice. Animal poison control centers that are open 24 hours a day include: **Pet Poison HELPLINE** (855-764-7661) and **ASPCA Animal Poison Control Center** (888-426-4435); a consultation fee is charged for these services.

### **How should this medication be given?**

For this medication to work, give it exactly as your veterinarian has prescribed. It's a good idea to always check the prescription label to be sure you are giving the drug correctly.

- ▶ Each syringe (Quest Plus®) treats a single horse weighing up to 1250 lb (568 kg).

#### *How to set the dose:*

The dose is based on the weight of the animal; use a scale or weight tape to find each animal's weight before treating. Once the weight is known, set the dose for each horse or pony as follows:

- ▶ Hold the syringe with the capped end pointing to the left and so that you can see the weight measurements and tick marks (small black lines). Each tick mark equates to 50 lb of body weight.
- ▶ Turn the blue dial ring until the left side of the ring lines up with the weight of the animal.

#### *How to give praziquantel and moxidectin gel (Quest® Plus) to a horse or pony:*

- ▶ Make sure there is no feed in the animal's mouth.
- ▶ Remove the cap from the end of the syringe. Save the cap for reuse.
- ▶ Place the tip of the syringe inside the animal's mouth at the space between the teeth.
- ▶ Gently push the plunger until it stops, depositing the gel on the back of the tongue.
- ▶ Remove the syringe from the animal's mouth and raise the animal's head slightly to make sure it swallows the gel.
- ▶ Replace the syringe cap.
- ▶ If the first animal you treat weighs less than 1250 lb, there will be gel left in the syringe. You can use this gel to treat other horses or ponies.

**What should I do if I miss giving a dose of this medication?**

If you miss a dose, give it when you remember and then wait the amount of time between doses recommended by your veterinarian before giving another dose. Do not double-up or give extra doses.

**How should I store this medication?**

- ▶ Store at or below 77°F (25°C). Avoid freezing. If becomes frozen, thaw completely before use. Store partially-used syringe with the cap tightly secured.
- ▶ Keep away from children and other animals.

**Can handling this medication be hazardous to me, my family, or other animals?**

There are no specific precautions required when handling this medication unless you are allergic to it. Wash your hands after handling any medication.

**How should I dispose of this medication if I don't use it all?**

- ▶ Dispose of praziquantel with moxidectin carefully, as it is can be very toxic to fish, turtles and other wildlife. Do not flush this medication down the toilet or wash it down the sink. Do not contaminate ground or surface water. If a community drug take-back program is available, use this option or dispose of the syringe in an approved landfill or by incineration.
- ▶ Do not save leftover medication for future use or give it to others to use.

**What other information is important for this medication?**

- ▶ For most animals, the dead worms are digested; however, if your animal had many tapeworms, some may be seen in the feces.
- ▶ Use of this drug may not be allowed in certain animal competitions. Check rules and regulations before entering your animal in a competition while this medication is being administered.

**If you have any other questions about this medication, contact your veterinarian or pharmacist.**

Special Instructions: <hr/> <hr/> <hr/> <hr/>
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