

12.5 in/317.5 mm

8.5 in/215.9 mm

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
FOR ANIMAL TREATMENT ONLY

25 kg

Maxiban™

FOR ANIMAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
JAUHI UBAT DARI KANAK -KANAK

ACTIVE DRUG INGREDIENT:
Narasin 80 g per kg
Nicarbazin 80 g per kg

PRODUCT DESCRIPTION: Maxiban 72 premix powder is a free flowing granular mixture of tan to yellow and gray to brown granular particles.

PHARMACODYNAMICS: Narasin is a member of the class of compounds known as monocarboxylic acid, polyether ionophorous antibiotics which have the ability to form neutral lipophilic complexes with monovalent cations. Narasin disrupts the osmo-regulatory mechanism of the parasite and causes the swelling and ballooning of sporozoites. Narasin is accumulated by the extracellular sporozoites independently of host cell penetration. Because of this accumulation by extracellular sporozoites, narasin is known to stop their development, thereby limiting the extent and severity of lesions in the intestinal epithelium. Nicarbazin basically interferes with the formation of the vitelline membrane, separating the egg yolk and egg white. Nicarbazin interferes with cholesterol metabolism in the formation of the membrane. Eggs from treated birds are described as mottled in appearance, reflecting a porous vitelline membrane. The effect on hatchability is a function of time and dose and the effect is reversible. Narasin and Nicarbazin together are effective in controlling coccidiosis.

PHARMACOKINETICS: The pharmacokinetics of narasin in chickens was evaluated in several studies. Narasin was rapidly cleared from plasma and tissues. Three studies were conducted to evaluate the metabolism of narasin in chickens. In one study, radiolabelled narasin was extensively metabolized by chicken liver, with oxidation serving as the primary pathway of metabolism. Narasin A metabolites represented 88.9% of total radioactivity, and more than 85% of the dose was recovered in excreta within 48 h. Liver was the tissue with the highest concentration of radioactivity, followed by fat, kidney and muscle. At least 15 metabolites and parent narasin were identified from the excreta. The distribution and relative magnitude of radioactivity from liver and excreta were similar. Narasin metabolites were 20 times less active than parent narasin. Nicarbazin is a mixture of 4,4"-dinitrocarbanilide (DNC) and 2-hydroxy-4,6-dimethylpyrimidine (HOP). Absorption: DNC and HOP are absorbed separately from the digestive tract. DNC is absorbed more rapidly but disappears more slowly from the tissues than HOP.

INDICATIONS: For the prevention of coccidiosis in broiler chickens caused by *Eimeria necatrix*, *E. tenella*, *E. acervulina*, *E. brunetti*, *E. mivati* and *E. maxima*.

DOSAGE AND ADMINISTRATION:

Mixing Directions: Broiler Chickens: Thoroughly mix the following amounts of Maxiban in 1000 kg of complete feed to provide 30 to 50 grams per 1000 kg each of narasin and nicarbazin. The dosage should be adjusted to meet the severity of coccidial challenge, which varies with environmental and management conditions.

It is recommended that Maxiban Premix be mixed with a small quantity of the finished feed before it is incorporated into the bulk of the feed being prepared.

Mixing Table:

Maxiban (grams per 1000 kg of feed)	Narasin and Nicarbazin (grams per 1000 kg)
375	60
500	80
625	100

Feed Instruction: Feed continuously as the sole ration.

CONTRAINDICATIONS: Do not use in known cases of hypersensitivity to active ingredient.

WARNINGS AND PRECAUTIONS: Nicarbazin medicated broilers may have reduced heat tolerance if exposed to high temperature and high humidity. Provide adequate drinking water and ventilation during these periods. Do not allow adult turkeys, horses or other equines access to formulation containing narasin. Ingestion of narasin by these species has been fatal. Do not feed laying hens.

Safety Directions: When mixing and handling Maxiban, use protective clothing, impervious gloves, and a dust mask. Operators should wash thoroughly with soap and water after handling. If accidental eye contact occurs, immediately rinse thoroughly with water.

INTERACTIONS WITH OTHER MEDICATIONS: Poultry consuming Narasin should not be treated with products containing tiamulin. Severe growth depression may occur. Maxiban is not to be used in feeds containing pellet binding agents with the exception of Lignosol (4%) and Bentonite (2%). In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other products.

PREGNANCY AND LACTATION: In the absence of toxicology study, this veterinary medicinal product must not be used during pregnancy and lactation. Do not use in laying birds producing eggs for human consumption.

ADVERSE EFFECTS: If suspected adverse reactions occur, treatment should be discontinued and to inform veterinarian/local authority.

SYMPTOMS OF OVERDOSE AND TREATMENT: Stop medication and to seek for veterinarian advice if there is sign of over dosage.

WITHDRAWAL PERIOD: No withdrawal period is required for broiler chickens when treated according to the label.

DISPOSAL OF CONTAINER: Bags may be burned or buried in accordance with approved safety and environmental standards.

Manufactured by:
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MAL13120058HA

Store in a cool dry place (below 25°C).

CONTROLLED MEDICINE: Granular medicated premix for the preparation of medicated animal feed.

TAKE TIME



OBSERVE LABEL
DIRECTIONS

YL103371X

AF1372

ACQ_LOT 0123456789ABCDEFGHIJKLMN0PQRSTUVWXYZ
ACQ_MFGDATE 0123456789/-
ACQ_EXPDATE 0123456789/-

The Item code must remain in this location

.25 in. 6.35 mm 3.04 in. 77.216 mm .25 in. 6.35 mm

.25 in. 6.35 mm
1.40 in. 35.56 mm
.25 in. 6.35 mm

PRODUCT INFO

BLUE #:	103371AP	Product Name:	Maxiban
Item Code:	YL103371X	Component:	Label
Product Code:	AF1372	Pack Size:	25kg
Previous Item Code	YL102467X		

ARTWORK INFO

Template:	LA_8_5x12_5in_v3_1	Packaging Spec(s):	MX6520
Barcodes/Type:	N/A	Add. Info:	POD label
		Minimum Core Data Point Size:	8.5 pt
GTIN:	GTIN Not Required	Proof #	P1a
		By/Date	EZ 21-MAR-2022

NON PRINTING BLACK
ELANCO ARTWORK LEGEND v16

LEGEND KEY	Template: LA_8_5x12_5in_v3_1
	Text Free Area
	50 mm Rule Bar

Elanco Template Key v2