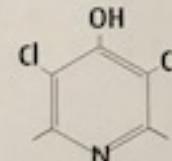


# A Potent Weapon In Your Arsenal To Combat Coccidiosis

## COYDEN® (clopidol 25%, 99%)

### INTRODUCTION

Coyden® 25% and Coyden® 99% are non-dusting, granular premix which contains 250 mg/g and 990 mg/g of active ingredient Clopidol (formulated from meticlorpindol). It was first marketed in 1968 and was proven safe and effective for more than two decades in the field of coccidiosis prevention. Today, poultry producers are pleading for additional coccidiosis solutions, which is one of the reasons for revival of historically successful products to be applied in rotation programs.



# COYDEN® 25%, 99%

## STRUCTURE AND ACTIVITY OF COYDEN®

Coyden® is Registered trademark of Huvepharma for a coccidiostat product containing the active ingredient 3,5-dichloro-2,6-dimethyl-4-pyridinol (Clopidol), which is a pyridine derivative. It is effective against coccidiosis caused by *Eimeria tenella*, *E. acervulina*, *E. maxima*, *E. necatrix*, *E. brunetti*, *E. mitis* and *E. praecox*.

## MODE OF ACTION

On cellular level, Clopidol leads to an inhibition of the development of sporozoites and trophozoites of the mentioned *Eimeria* spp.

## PRODUCT CATEGORISATION, SPECIFICATION AND USE

Coyden® is available as granular premix. Intended to be continuously administered in feed for the prevention of caecal and intestinal coccidiosis in broilers and replacements pullets up to 16 weeks of age. It is advised to use the product in one grow-out per year (in starter, grower or finisher feed) as part of rotation programme. Coyden® is suitable for feed manufacturing use only.

## RECENT FLOOR PEN STUDIES

Two floor pen trials in separate facility were conducted to assess the current anticoccidial sensitivity of Coyden® and several other chemical and ionophore anticoccidials. The experimental designs and study protocol for both these trials were similar. Coyden® was used at 125 ppm in the starter feed, and in combination with either Monensin or Salinomycin in the grower/finisher feed.

At the Georgia facility, the experiment consisted of 80 pens starting with 25 male and 25 female broiler chicks. The treatment were replicated in eight blocks, and randomized within blocks of 10 pens each.

At 15 days of age, the birds were experimentally infected with 11 field isolates of *E. acervulina*, four isolates of *E. maxima* and two isolates of *E. tenella*. At 21 and 42 days, birds samples were collected and intestinal coccidiosis lesions were scored using the Johnson and Reid Scale. Birds were grown to 42 days, where performance results were collected and analyzed.

## FLOOR PEN RESULTS

Table 1 - Summary of 42-Day Adjusted Feed Conversion and Average Body weight:

Treatment	Description	Adjusted Feed Conversion	Average Live Weights	Average	
		Male	Female		
1	St. Coyden/Gr. Monensin	1.857*	2.353*	2.149*	2.251*
2	St. Coyden/Gr. Salinomycin	1.847*	2.310*	2.160*	2.235*
3	St. Nicarb/Gr. Monensin	1.860*	2.405*	2.129*	2.367*
4	St. Nicarb/Gr. Salinomycin	1.863*	2.380*	2.172*	2.376*
5	St. Diclazuril/Gr. Monensin	1.896*	2.239*	2.062*	2.150*
6	St. Diclazuril/Gr. Salinomycin	1.895*	2.227*	2.058*	2.142*
7	St. Salinomycin/Gr. Salinomycin	1.962*	2.180*	1.970*	2.075*
8	Unmed/Challenged	2.035*	2.044*	1.821*	1.932*
9	Unmed/Nonchallenged	1.868*	2.387*	2.149*	2.268*
10	St. Coyden/Gr. Monensin	1.811*	2.345*	2.194*	2.269*

## INDICATIONS FOR USE

Coyden® is indicated for anticoccidial use against coccidiosis caused by *E. tenella*, *E. acervulina*, *E. necatrix*, *E. brunetti*, *E. praecox*, *E. mitis*.

## DOSE AND ADMINISTRATION

To produce feed containing 0.0125% Clopidol:

- Coyden® 25% - Use 500 grams per metric ton of finished feed.
- Coyden® 99% - Use 125 grams per metric ton of finished feed.

Coyden® should be thoroughly and evenly mixed in the feed.

## WITHDRAWAL PERIOD

Chicken: 5 days

## WARNING

- Do not feed to laying hens
- Do not feed Clopidol to layer replacement after 16 weeks of age

## STORAGE

Store at room temperature in a dry place, keep out of the reach of children.

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