



OSMA welcomes news of the approval of Baycox® for sheep in Canada

Guelph, ON January 13, 2014 – The Ontario Sheep Marketing Agency is pleased with the news that Baycox® 5% Oral Suspension has been approved for use in sheep in Canada.

The arrival of Baycox 5% to the Canadian market is the culmination of a great cooperative effort between the Canadian sheep industry, veterinarians, the Veterinary Drugs Directorate (VDD) - part of the Health Products and Food Branch of Health Canada, and Bayer Animal Health. Baycox 5% is amongst the first product approved for sheep through an initiative to provide a streamlined and simplified approval process for licensing drugs for minor use and minor species.

“The approval of Baycox® is evidence of the commitment made by the Canadian Sheep Industry to ensuring Canadian sheep producers have access to more animal health products. This also exemplifies the modern regulatory approach used by the VDD in approving safe and effective products for minor species. Hopefully the work done to ensure that Baycox® was approved will pave the way for more animal health products to be approved” said Dennis Fischer, Chairman of the Ontario Sheep Marketing Agency. Fischer went on to add that “goes a long way to ensuring that sheep producers are on competitive footing with sheep producers from other areas.”

Baycox® has been approved to prevent clinical signs of coccidiosis and to reduce coccidian shedding in lambs. Canadian veterinarians and producers can now use Baycox 5% to protect lambs from the infection and avoid serious economic losses.

Baycox 5% is a single-dose, ready-to-use product that is easy to administer. A single oral treatment of Baycox controls coccidia infection without impairing the ability of animals to acquire immunity, and promotes resistance to reinfection.^[1]

For more information about Bayer and Baycox® please visit www.bayer.ca or the attached news release below.

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The Ontario Sheep Marketing Agency (OSMA) is a producer organization representing all aspects of the sheep industry in Ontario. Established in 1985 under the Ontario Farm Products Marketing Act, OSMA’s mission is to enhance producer returns and provide consumers with premium lamb and sheep products by encouraging Ontario sheep products to provide quality, year-round product through advocacy, industry capacity, research and market development.

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News Release

Bayer HealthCare Announces Baycox[®] 5% (toltrazuril) Oral Suspension Approved for Sheep in Canada

TORONTO, ON January 10, 2014 – Bayer HealthCare is pleased to announce Baycox[®] 5% is now approved to prevent clinical signs of coccidiosis and to reduce coccidian shedding in lambs caused by *Eimeria crandallis* and *Eimeria ovinoidalis*. Canadian veterinarians and producers can now use Baycox 5% to protect lambs from the infection and avoid serious economic losses. In 2010, Health Canada approved Baycox 5% for the treatment of preclinical coccidiosis due to *Isospora suis* in neonatal piglets.

Baycox 5% is a single-dose, ready-to-use product that is easy to administer. A single oral treatment of Baycox controls coccidia infection without impairing the ability of animals to acquire immunity, and promotes resistance to reinfection.ⁱ

Coccidiosis is a disease of the intestinal tract of sheep caused by the protozoa parasites *Eimeria* spp. It is an insidious disease that only becomes evident in infected animals after they show signs such as diarrhea, debilitation, or refusal to feed. Coccidiosis can cause poor growth, loss of appetite and even death in lambs if left untreated.

“A coccidiosis outbreak can put an entire flock at risk. Early preventive treatment is critical for the health of the lambs and, in turn, the financial stability of the producer,” said Matthew Frost, Head, Animal Health, Bayer Inc. “We are excited that Canadian sheep producers are now able to access this product from their veterinarian to help them raise healthier lambs that properly mature, avoiding costly outcomes.”

Coccidiosis is present in almost all sheep rearing countriesⁱⁱ. It is assumed that most, if not all, sheep become infected with coccidia during their livesⁱⁱⁱ, but only some lambs will actually develop clinical symptoms of the disease.

Visible signs of clinical coccidiosis include:

- Diarrhea (with or without mucus or blood)
- Fever
- Loss of appetite
- Abdominal pain
- Weight loss
- Anemia

- Fleece damage

If left untreated, these animals may continue to scour and eventually die of dehydration.^{iv}

Even with its widespread prevalence, the disease can be successfully controlled. Establishing programs that combine management strategies, farm hygiene measures and strategic administration of an anticoccidial like Baycox 5%, can significantly reduce or eliminate clinical coccidiosis in sheep.^v

The arrival of Baycox 5% to the Canadian market has been made possible through a cooperative effort between Bayer HealthCare and the Veterinary Drugs Directorate, a part of the Health Products and Food Branch of Health Canada. Baycox 5% was approved for use in Canada through an initiative to provide a streamlined and simplified approval process for licensing drugs for minor use and minor species.

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About Baycox® 5%

Baycox 5% is an oral medication indicated for the treatment of preclinical coccidiosis due to *Isospora suis* in neonatal piglets, and for the prevention of clinical signs of coccidiosis and the reduction of coccidian shedding in lambs caused by *Eimeria crandallis* and *Eimeria ovinoidalis*.

About Bayer in Canada

Bayer Inc. is a Canadian subsidiary of Bayer AG and the corporate headquarters for the Canadian operations. Founded in 1863, Bayer AG is an international research-based group with core businesses in healthcare, crop science and innovative materials committed to creating a better life for all through science.

In Canada, Bayer operates its healthcare business – Pharmaceuticals, Consumer Care, Diabetes Care, Animal Health and Radiology & Interventional – from its headquarters in Toronto, ON, and Bayer CropScience Inc. operates out of its head office in Calgary, AB. Together with its material science business, Bayer improves the quality of life for Canadians through products that fight disease, protect crops and animals, and provide high-performance materials for numerous daily life uses.

With more than 1,300 employees across the country, in 2012, Bayer had sales of \$1.6 billion and invested \$55.9 million in research and development in Canada. Globally, Bayer AG had sales of €39.8 billion and invested €3 billion in research and development.

For more information about Bayer, please visit www.bayer.ca.

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Forward-Looking Statements

This release may contain forward-looking statements based on current assumptions and forecasts made by Bayer Group or subgroup management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. These factors include those discussed in Bayer's public reports which are available on the Bayer website at www.bayer.com. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

ⁱ (Steinfelder, et al., 2005)

ⁱⁱ (Pellerdy, 1974)

ⁱⁱⁱ (Taylor and Catchpole, 1994)

^{iv} (Taylor, 1995)

^v (Foreyt, 1986)