



## New CSHIN Website

The Canadian Swine Health Intelligence Network recently launched a new [website](#). Quarterly [producer reports](#) and [veterinary reports](#) are posted on the website.

## Small Pig Production Manual

CASV-ACVP is collaborating with the Canadian Pork Council on a manual for small-scale pig farmers. It will cover a variety of topics including start up considerations, housing and feed management, handling, animal health, and marketing.

The manual should be ready in late April 2021 and will be available on our website <https://www.casv-acvp.com/>

## CASV-ACVP Board

### Correspondence

During the first quarter of 2021, the CASV-ACVP Board submitted comments to the Canadian Veterinary Medical Association on two position statements, one on euthanasia and the other on mass depopulation.

As well, an article was submitted to the Canadian Veterinary Journal on Canadian swine veterinary practice for publication this spring.

## New Tiamulin Premix Added to CMIB

Please be advised that the Canadian Food Inspection Agency has updated the [Compendium of Medicated Ingredient Brochures \(CMIB\)](#). A new tiamulin premix, Vetmulin 10% Premix (DIN 02512343), available from Huvepharma EOOD and with a tiamulin concentration of 80.91 g/kg of tiamulin base (equivalent to 100 g/kg of tiamulin hydrogen fumarate) has been added to the TIA MIB. [MIB TIA – Tiamulin](#)

## OIE Guidelines for ASF Compartmentalization

The World Organisation for Animal Health (OIE) recently released guidelines on compartmentalization for African swine fever (ASF). The document can be downloaded at [OIE Compartmentalization Guidelines](#). It details specific recommendations and provides guidance on key aspects of the compartmentalization process. These include the definition of an ASF-free compartment, the pork supply chain, risk assessment, biosecurity, surveillance, diagnostic capabilities and procedures, traceability, public-private partnerships (PPPs), the regulatory framework, approval and recognition of ASF-free compartments, and responses to changes of ASF status, within and outside the compartment.

## Canada – U.S. Protocol for ASF in Wild Pigs

Canada and the United States have signed a protocol that would guide bilateral trade between the two countries should African swine fever (ASF) be detected in wild pigs in either country, without cases in domestic swine. In a joint statement, Canada's Chief Veterinary Officer Dr. Jaspinder Komal and the United States' Chief Veterinary Officer Dr. Burke Healey said the protocol, which is the first-of-its kind, is based on science and is designed to minimize trade impacts.

"Under the protocol, all trade in live swine, swine germplasm, and untreated swine products would initially stop if ASF is found in wild pigs, while trade in products treated to make the ASF virus ineffective could continue," the veterinarians said in a statement issued on March 16, 2021, adding the protocol "describes three phases which would gradually reduce restrictions on trade for these products." You can read the full statement [here](#).

## CIPARS Annual Stakeholder Meeting Integrated Findings Presentation

The Canadian Integrated Program for Antimicrobial Resistance Surveillance (CIPARS) hosted the Annual Stakeholder Webinar on February 24, 2021. The presentation is available for downloading on the [CAHSS website](#)

Below are some of the key findings:

- Antimicrobial sales (kg) decreased by 10% between 2018 and 2019.
- Sales for production animals (livestock, aquaculture, horses) decreased by 10% (kg) and decreased by 12% (after adjusting for the biomass – mg/PCU).
- In comparison to 2018, sales for use in pigs, poultry, and aquaculture decreased; sales for use in cattle, horses, companion animals, and small ruminants increased in 2019.

Of the antimicrobials sold:

- 78% were intended for production animals
- 22% were intended for humans
- <1% were intended for companion animals
- <1% were intended for crops

For pigs:

- Top classes sold: tetracyclines, macrolides, and penicillins
- 21% ↓ in kg sold
- ↓ in sales of Category I antimicrobials by 24% (123 kg)
- Proportion of isolates resistant to ≥1 antimicrobials classes is stable or increased slightly
- Nalidixic acid/ciprofloxacin-resistance is stable or increased slightly
- Resistance to ≥3 antimicrobial classes increased in Salmonella but decreased in E. coli and Campylobacter.
- AMU remained unchanged, AMR generally decreased and herd mortality was unchanged

## Veterinary Health Products in Feed

The Canadian Food Inspection Agency and Health Canada are collaborating on a pilot project to allow livestock feeds to include veterinary health products (VHPs), such as organic acids and essential oils. VHPs are used to maintain or promote the health and wellness of companion and food-producing animals. VHPs are not for use to treat, prevent or cure a disease or condition.

Applications for participation in the pilot project will be accepted March 15, 2021 to April 2, 2021.

Information on which VHPs may be added to livestock feeds as well as implementation details is now available at the link below.

[Notice to industry: Update on the pilot project to allow veterinary health products in livestock feed](#)

## Pharmaceutical Access in Canada

At the January CASV-ACVP Board meeting, directors heard a presentation from the Canadian Animal Health Institute (CAHI) regarding the increase in regulatory fees for veterinary drugs. In 2019, Health Canada implemented significant regulatory service fee increases for reviews and approvals of veterinary drugs. Fees will increase up to 500% by 2026 which will raise registration costs for livestock products significantly. This will have a significant impact on up to 90% of currently licensed veterinary medications leading to deregistration or significant price increases.

For new drugs, innovation costs are \$28 m for companion animals and \$39 million for livestock; costs are not recouped for three to seven years. Once a drug is developed, the annual sales threshold now needed to cover registration and maintenance fees in Canada is \$500,000. According to 2017 data from veterinary product distributors supplying Canadian veterinarians, over 50% of products have sales of less than \$500,000.

Canada's small market becomes even less viable under this regulatory fee system. The expected impacts are:

- it becomes less viable to apply for new uses for existing drugs;
- low volume drugs disappear;
- there will be more off label drug use, to treat conditions for which the drugs are not approved to treat; and,
- Canadian drug innovation will decrease, with money moving to more attractive markets

CAHI is currently surveying its member companies to quantify the impact of the first round of service fee increases implemented in 2020. The CASV-ACVP Board is collaborating with CAHI to complete a swine health priority needs assessment.

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*Susan Fitzgerald on behalf of CASV-ACVP Board of Directors.*

**Mission:** *To be a responsive, proactive voice for veterinarians involved with the swine industry in Canada.*