



BC Sustainable Poultry Farming Group (SPFG)

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Status Summary for October 31, 2016 SPFG Committee Meeting

Four new proposals were reviewed:

2016-04 Validation of Cedar Leaf Oil Vapor in Poultry Hatcheries and Processing Facilities

A project to validate efficacy of Cedar Leaf Oil vapor on the following bacteria: *Bacillus subtilis*, *Streptococcus pyogenes*, *Enterococcus faecalis*, *Hemophilus influenzae*, *Acinetobacter baumannii*, *Salmonella enteritidis*, and *Escherichia coli*; fungi - *Candida albicans* and *Aspergillus niger*; and the following viruses - both enveloped e.g. Influenza virus A and B, Herpes simplex viruses 1 and 2, and non-enveloped e.g. Rhinovirus and adenovirus; and spores.

- Supported project; provided a letter of support

2016-05 Dairy/poultry manure co-digestion with pre-treatment and nutrient extraction

Two identical 400 L digesters will be used. One will be fed straight dairy manure, with no pre-processing. The second will be fed a diet of screened dairy manure with the large fiber removed. At 15 day intervals, progressive quantities of poultry manure will be substituted for the dairy. The project will compare the performance and results of the two digesters.

- Supported project; provided a letter of support

2016-06 BCAC's Public Trust Initiative

A project led by BCAC to address the issue of declining consumer trust in farmers and agriculture. The three year project will focus on developing a trust framework based on farmers/agriculture doing the right thing; trusted assurance and verification systems; and communication. Producer and consumer education will be a key priority of the project. Producer funds will be used to trigger \$15 million from the provincial government.

- Supported project; provided funding for three years

2016-07 Development of a Point-of-Care PCR diagnostic platform and assays for the poultry industry – Phase Two – barn trials

The goal is quicker in-barn tests for poultry diseases, so producers can start treatment right away rather than waiting days for test results. Their short term targets are clostridial subtypes and coccidia. The medium term targets are *E. coli* and salmonella. Phase two will work with actual barn samples and compare results from their in-barn test to the provincial vet lab.

- Supported project; provided partial funding

The next SPFG meeting scheduled for January 2017.