

## AREAS OF SPECIALIZATION

### Nutrition

- Impact of novel or existing ingredients, additives, mold or toxins on productivity
- Total and ileal digestibility of energy, fiber, protein, amino acids and carbohydrates

### Animal Health

- Disease challenge
- Verifying efficacy and dosage levels

### Pig as a Model

This unique area of research allows for scientific research that can validate products for human health using a physiological-comparable model.

### Animal Behaviour and Welfare

- Activity time budgets
- Aggression
- Assessing stress
- Space Usage

### Engineering

- Climate control
- Water intake
- Air quality
- Energy usage

### Surgery

On-site surgery facilities and collaboration with certified veterinarians allows us to perform procedures on pigs at all stages of growth, with specific focus on ileal T-cannulas and Jugular catheters.



Affiliated with the  
University of Saskatchewan



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**PRAIRIE SWINE  
CENTRE INC.**



**CONTRACT RESEARCH  
PROGRAM**



## WHAT DO WE DO

### We Evaluate

- Feed and water additives
- Ingredients
- Pharmaceuticals
- Vaccines
- Equipment
- Manure treatment products

### And measure responses in:

- Productivity
- Health
- Metabolism
- Digestibility
- Environment
- Behaviour and welfare

## WHAT TYPE OF RESEARCH WE CAN DO FOR YOU

- Product efficacy
- Registration validation
- Product comparison
- Supply high-health pigs
- Nursery and grow-finish disease challenge, with specified health status

**WE ARE A RECOGNIZED SUPPLIER OF DATA FOR CFIA, HEALTH CANADA, FDA, AND EUROPEAN FOOD SAFETY AUTHORITY**

## FACILITIES

### Gestation



Free  
Access  
System

ESF  
Hybrid



### Nursery



Small Groups (4 weanlings/pen) or  
Large groups (12 - 40 weanlings/ pen)

### Grow-Finish



Small Groups  
(5 pigs per pen)



Medium Groups  
(12 - 18 pigs pen)



Large Groups  
(60 pigs per pen)

### Metabolic Crates



### Separate Disease Challenge Facility



Nursery



Grow-Finish