

ANIMAL CARE AND FOOD SAFETY

ANIMAL HANDLING AND WELFARE

The link between greenhouse gas reduction and animal care and food safety is, once again, production efficiency. There are many resources available on these topics. We'll just touch on key points here.

Better handling means better care and less animal stress. It can also mean less damage to animal products, which translates into less waste, improved efficiency and lower greenhouse gas emissions.

Improvement in herd health status, or in the indoor housing environment to which animals are exposed, will lead to improvements in feed efficiency and thus reductions in nutrient excretion.

Health and animal care includes:

- animal identification and record-keeping
- vaccinations
- a bio-security plan
- security and access.

It's estimated that converting to a specific pathogen-free herd health status can improve feed efficiency by as much as 10% and, as a result, decrease N excretion by 10%.



Herd health is directly related to production and production efficiencies.

ON-FARM FOOD SAFETY

Most animal commodity groups have developed food quality and safety programs that promote specific good production practices (GPPs). In most cases, these quality and safety GPPs increase efficiency, reduce waste, and improve sanitation – all of which help reduce greenhouse gas emissions.

Chicken Farmers of Ontario: On-Farm Food Safety Assurance Program

www.cfo.on.ca

905-637-0025



Dairy Farmers of Ontario: Ontario Raw Milk Quality Program

www.milk.org

905-821-8970



Ontario Cattlemen's Association: Quality Starts Here

www.qualitystartshere.on.ca

519-824-0334



Ontario Pork: Canadian Quality Assurance Program

www.ontariopork.on.ca

1-877-ONT-PORK



Ontario Sheep Marketing Association

www.ontariosheep.org

519-836-0043



For more information, please refer to the Quality Assurance reference materials for your commodity group.