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Rosendahl Farms, Inc.



Farm Description

Rosendahl Farms Inc is a family owned and operated farm, which lies approximately 15 miles north of Columbus Nebraska. Our farm consists of 580 acres of which 52 acres are pasture and farm building sites and 528 acres of No-Till row crops. The row crop acres are divided into 50% corn

and 50% soybeans rotation with 2/3 being irrigated acres. The soybeans are sold as a cash crop and the corn is fed as livestock feed into an approximately 4000-head/year feeder to finish swine feeding enterprise.

The farm is operated with one full time employee (myself), and four part time helpers, my mother Carol, brother Dave and sons Craig and Reid. Dave and his wife also work off farm at a corn processing facility. Craig is also in maintenance at the processing plant, Reid is in his second year at a local Junior College, and my wife works off farm at Nebraska Public Power District. Our family has been farming the main farm site since 1958



Carole, Stan and Dave Rosendahl

Environmental Policy Statement

Our family takes pride in producing high quality grains and pork. However for our operation to remain viable and sustainable in the future, we realize that we must operate in a way that stresses quality over quantity.

We are able to keep the size of our operation manageable by utilizing family labor and focusing on producing a healthy high quality product in an environmentally friendly way. We will make our products a source of health and happiness to our customers by following the IERE's (Institute for Environmental Research and Education) agricultural environmental management plan.

By complying with all regulations and following a plan that makes us better environmentally every year, everyone on our farm helps us remain sustainable and environmentally sound. By conserving our natural resources, our farm will be a safe and healthy place for future generations.

through implementing No-Till grain production and using less antibiotics in our animal feed To achieve this we must move our products closer to the consumer and capturing more of the consumer's dollar by adding value prior to giving up ownership. In doing so,

Environmental Aspects

The significant environmental aspects of Rosendahl Farm are the use of fossil fuels and the use of antibiotics in feed and manure management. Like all ISO 14000 environmental management plans, there are plans or practices in place to reduce the negative effects of the environmental aspects of the farm, with certain aspects being the target of actions every year. For this first year of operation, the farm has focused solely on the environmental aspects related to on-farm activities. In future, when a full life cycle assessment has been performed, the plan may include off-farm management plans

Goals for 2002 and outcomes

The Rosendahl Farm already uses No-till farming and low levels of antibiotics in feed. No-till farming reduces the use of fossil fuels and

the disruption of the soil. Soil is conserved and even increases under no-till farming. Reducing antibiotics in feed reduces the risk of developing antibiotic resistance in people as well as animals.

During 2002, our goals were to

1. Eliminate sub-clinical antibiotic use in feed.
Outcome: accomplished. Hogs do get one clinical level 4-day treatment three weeks after receipt to address imported disease.
2. Change anaerobic lagoon to aerobic lagoon.
Outcome: done! The air is sweeter at Rosendahl farms now.

Since 2003, we have also:

3. Begun using biodiesel in our tractors, and
4. Reduced our diesel use by about 60% by using all no-till agriculture.

Goals for 2006

During 2006, we plan to:

1. Increase our use of biodiesel on-farm
2. Replace half of our incandescent barn lights with fluorescent lights

Compliance

Rosendahl farms must comply to local noxious weed regulations, and to FIFRA, and the Clean Water Act (a chemigation permit for fertilizer application), and we comply to the National Pork Producers Council Pork Quality Assurance Level III Requirements.

To the best of our knowledge, we are compliant to all these requirements

Contact Information

For more information, you may contact us at:

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Rosendahl Farm #rfne001 Pork Ecoprofile			
Impact Category	% of US Average	Farm Result	Unit per Pound Meat
Climate Change	40	3.8	lbs CO ₂ equivalents
Stratospheric Ozone Depletion	0	0.0	lbs CFC-12 equivalents
Acidification	66	0.1	lbs SO ₂ equivalents
Eutrophication	107	0.065	lbs PO ₄ equivalents
Photochemical Smog	12	0.0	lbs ozone equivalents
Air-based Toxicity	84	464	lbs PM-10
Aquatic Toxicity	42	0.1	lbs water polluted
Fossil Fuel Depletion	92	2.0	lb oil equivalents
Water Use	34	59	lbs water used
Antibiotic Use	70	0.0001	moles antibiotic used
Soil losses	67	8	lbs soil eroded
Hormone Used	0	0.0	moles hormone used
Gene Modified Organisms	168	78	% of feed is GMO
Biodiversity/Land Use	160	99	% of land farmed

In the table above, green marks the categories that are at least 10 percent better than the US average, orange those at least 10 percent worse than the average and white those that are too close to call.