



Health, Safety & Environment fact sheet

Belle Plaine, 2008



Location: Belle Plaine, Canada

Number of employees: 152

Annual production capacity

Ammonia: 650,000 tons

Urea: 980,000 tons

UAN: 230,000 tons

Health and safety indicators	
Employee sickness rate	3.7 %
LTI-rate for own employees	0
LTI-rate for contractors	0
LTI-rate for employees and contractors	0
TRI-rate for own employees	0
Major accidents during the year	0

Community activities

- Health Foundations both Moose Jaw and Regina
- Heart and Stroke Big Bike
- Prairie Arts Festival and Mozart in the Meadow
- United Way
- Variety of technology based scholarships
- Wide variety of initiatives primarily based on health care, education, environment and safety

Emissions and waste	Ton per year	% of permit	Possible impacts
CO ₂ to air	491,000	-	Climate change, global warming effects
N ₂ O to air	41	-	Climate change, global warming effects
NO _x to air	389	-	Regional acid precipitation and local haze formation
Dust to air	85	-	Local nuisance and haze formation
N to water	0	-	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	31	-	
Non-hazardous waste	213	-	

Actions for further improvements

- SIL analyses of process plants
- Conformance with Yara standards
- Improvement of deNO_x

LTI (Lost-Time Injury) rate: Number of injuries with absence from work in excess of day of injury, per million hours worked

TRI (Total Recordable Injury) rate: Number of injuries with absence from work + temporary lighter work tasks + medical treatment, per million hours worked

Major accident: Accident leading to fatality, property damage or loss of production in excess of €10 million, significant environmental incident