



# Health, Safety & Environment fact sheet

## Yara Ferrara, 2010



Location: Ferrara, Italy

Number of employees: 128

Annual production capacity (ton)

Ammonia: 600,000

Urea: 500,000

Certification: ISO 9001, ISO 14001

Other systems:

HACCP, EFMA Product Stewardship

Health and safety indicators	
Employee sickness rate (%)	2,5
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

Plant energy and water consumption	
Energy consumption (MWh)	6,467,384
Water consumption (m <sup>3</sup> )	8,526,804

Emissions and waste	Ton per year	% of permit	Possible impacts
CO <sub>2</sub> to air	751,335	-	Global warming effects
NH <sub>3</sub> to air	88	58	Global warming effects
NO <sub>x</sub> to air	931	63	Acidification and haze formation
SO <sub>x</sub> to air	4	-	Acidification and haze formation
Dust to air	17	14	Local nuisance and haze formation
N to water	28	46	Eutrophication (algae growth)
Hazardous waste	370	-	
Non-hazardous waste	2,407	-	

### Actions for further improvements

- CSR (behaviour based safety program) CR = 1
- Conformance with Yara standards TOPS dev. = 0
- Land and groundwater reclamation
- OSHAS 18001 certificate

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 or serious bodily harm, property damage or loss of production in excess of € 10 million, significant environmental incident