



# Supplemental Environment Metrics

The Mosaic Company's 2014 Sustainability Report adheres to the Global Reporting Initiative's (GRI) G4 Core Sustainability Reporting Guidelines. This supplement provides additional environmental metrics – not covered under the G4 guidelines – and demonstrates our commitment to transparency. We encourage stakeholders to read this supplement in conjunction with our digital 2014 Sustainability Report, [www.mosaicco.com/2014sustainabilityreport](http://www.mosaicco.com/2014sustainabilityreport).

## Water

### Total Water Withdrawals and Intensity by Business Unit

2014 Global Water Withdrawals Total Water Used by Business Unit						
All units Megaliters (1,000 m <sup>3</sup> )						
Business Unit	Municipal	Waste Water	Groundwater	Surface Water	Total	Total Withdrawal Intensity (Megaliter per Tonne of finished product)
Phosphate	541	3,206	52,486	223,152	279,385	0.0247
Potash	0.0	223	8,439	17,629	26,291	0.0026
International and Distribution	241	0.0	3,454	0.0	3,695	0.0007
<b>Mosaic Total</b>	<b>781</b>	<b>3,429</b>	<b>64,380</b>	<b>240,780</b>	<b>309,371</b>	<b>0.0170</b>

Note: Phosphate surface water withdrawals **include once through cooling water totals**. Total water intensity value includes all water withdrawals and differs from Mosaic's freshwater intensity reduction target.

## Energy and Emissions

### Energy per Tonne Finished Product by Business Unit

Energy Intensity by BU GJ/Finished Product Tonnes	
Business Unit	2014
Phosphate-All	2.36
Potash-All	2.91
International and Distribution	1.44
<b>Total</b>	<b>2.59</b>

Note: Energy totals are inclusive of energy generated through cogeneration.

## Greenhouse Gas Intensity Metrics

GHG Intensity by BU Tonnes CO2e/Finished Product Tonnes							
	Total GHG <sup>1</sup>	Direct GHG <sup>1</sup>	Indirect GHG <sup>1</sup>	Direct CO2	Indirect CO2	CH4	N2O
Business Unit	2014						
Phosphate-All	0.307	0.205	0.103	0.203	0.090	0.000	0.000
Potash-All	0.220	0.116	0.104	0.116	0.116	0.000	0.000
International and Distribution	0.147	0.113	0.035	0.108	0.018	0.000	0.000
<b>Total</b>	<b>0.264</b>	<b>0.162</b>	<b>0.102</b>	<b>0.157</b>	<b>0.101</b>	<b>0.000</b>	<b>0.000</b>

<sup>1</sup>Measured in tonnes CO2e per tonne of finished product

## Absolute Greenhouse Gas Metrics

Absolute GHGs by BU Tonnes /Finished Product Tonnes							
	Total GHG <sup>1</sup>	Direct GHG <sup>1</sup>	Indirect GHG <sup>1</sup>	Direct CO2	Indirect CO2	CH4	N2O
Business Unit	2014						
Phosphate-All	2,856,943	1,909,898	956,045	1,877,966	834,099	14.947	3.08
Potash-All	1,799,198	948,638	850,560	947,624	949,046	18.244	2.20
International and Distribution	55,957	42,832	13,125	42,834	11,857	0.305	0.9
<b>Total</b>	<b>4,721,097</b>	<b>2,901,368</b>	<b>1,819,730</b>	<b>2,868,423</b>	<b>1,795,002</b>	<b>33.496</b>	<b>21.46</b>

<sup>1</sup>Measured in tonnes CO2e