

News Release

November 1, 2021 - all amounts are in US dollars except as otherwise noted

Nutrien Delivers Record Third Quarter Results and Raises Full-Year Guidance

SASKATOON, Saskatchewan -- Nutrien Ltd. (TSX and NYSE: NTR) announced today its third quarter 2021 results, with net earnings of \$726 million (\$1.25 diluted earnings per share). Third-quarter adjusted net earnings¹ were \$1.38 per share and adjusted EBITDA¹ was \$1.6 billion.

"Nutrien delivered record earnings in the third quarter driven by the decisive actions we made across our business units and leveraging our competitive advantages to benefit from strong market fundamentals. The results demonstrate our ability to efficiently and reliably deliver crop inputs and services to our customers amid global supply uncertainties, and we remain focused on our essential role to support global food security and sustainable food production," commented Mayo Schmidt, Nutrien's President and CEO.

"We are raising full-year 2021 adjusted earnings guidance and expect this positive momentum to continue into 2022. We expect to generate significant free cash flow and to meaningfully strengthen our balance sheet through debt reduction, providing flexibility to deliver on future growth opportunities and return cash to shareholders," added Mr. Schmidt.

Highlights:

- Nutrien generated record adjusted EBITDA of \$4.7 billion and free cash flow¹ of \$2.8 billion in the first nine months of 2021. We repurchased 2.4 million shares in the third quarter of 2021 and expect to reduce long-term debt by approximately \$2 billion over the next six months.
- Nutrien raised full-year 2021 adjusted EBITDA and adjusted net earnings per share¹ guidance to \$6.9 to \$7.1 billion and \$5.85 to \$6.10 per share. We expect strong demand for crop inputs in the fourth quarter and tight global fertilizer supply and demand fundamentals to carry into 2022.
- Nutrien Ag Solutions ("Retail") delivered record adjusted EBITDA in the third quarter and first nine months of 2021 with 80 percent
 and 32 percent increases respectively compared to the same periods in 2020. Our Retail business delivered double digit revenue
 growth, which combined with the benefits of strategic procurement and proprietary products growth resulted in adjusted EBITDA
 margins increasing to 11 percent in the first nine months of 2021.
 - Retail normalized comparable store sales¹ reached 5 percent in the first nine months of 2021 while rolling four quarter adjusted EBITDA per US selling location¹ was \$1.4 million. Sales through our digitally-enabled retail platform were approximately \$1.9 billion in the first nine months of 2021 and we are beginning to roll out the interface in Australia. We announced five transactions in Brazil since the start of 2020 and expect to generate over 30 percent of our Retail adjusted EBITDA from regions outside of the US in 2021.
- Potash adjusted EBITDA increased 131 percent in the third quarter of 2021 and increased 74 percent in the first nine months of 2021 compared to the same periods in 2020. We achieved record sales volumes in the first nine months of 2021 due to our capability to quickly ramp up production from our flexible, low-cost network of six mines and expect to surge production to an annualized run-rate of 17 million tonnes during the fourth quarter.
- Nitrogen adjusted EBITDA was 173 percent higher in the third quarter of 2021 and increased 70 percent in the first nine months of 2021 compared to the same periods in 2020. In the third quarter of 2021, we completed phase 1 of our nitrogen brownfield expansion projects and anticipate to fully benefit from this expanded capacity in 2022, which is expected to generate attractive returns on investment. We also started a second phase of brownfield projects that is expected to add approximately 500,000 tonnes of annualized, low-cost and environmentally efficient production capacity over the next few years. We progressed previously announced decarbonization projects that are expected to reduce CO₂ equivalent emissions by approximately one million tonnes by the end of 2023.
- Phosphate adjusted EBITDA increased 193 percent in the third quarter of 2021 and 104 percent in the first nine months of 2021 compared to the same periods in 2020.

Management's Discussion and Analysis

The following management's discussion and analysis ("MD&A") is the responsibility of management and is dated as of November 1, 2021. The Board of Directors ("Board") of Nutrien carries out its responsibility for review of this disclosure principally through its audit committee, comprised exclusively of independent directors. The audit committee reviews and, prior to its publication approves this disclosure pursuant to the authority delegated to it by the Board. The term "Nutrien" refers to Nutrien Ltd. and the terms "we", "us", "our", "Nutrien" and "the Company" refer to Nutrien and, as applicable, Nutrien and its direct and indirect subsidiaries on a consolidated basis. Additional information relating to Nutrien (which, except as otherwise noted, is not incorporated by reference herein), including our 2020 Annual Report dated February 18, 2021, which includes our annual audited consolidated financial statements and MD&A, and our Annual Information Form, each for the year ended December 31, 2020, can be found on SEDAR at www.sedar.com and on EDGAR at www.sec.gov. No update is provided to the disclosure in our annual MD&A except for material information since the date of our annual MD&A. The Company is a foreign private issuer under the rules and regulations of the US Securities and Exchange Commission ("SEC").

This MD&A is based on and should be read in conjunction with the Company's unaudited interim condensed consolidated financial statements as at and for the three and nine months ended September 30, 2021 ("interim financial statements") based on International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board and prepared in accordance with International Accounting Standard 34 "Interim Financial Reporting" unless otherwise noted. This MD&A contains certain non-IFRS financial measures and forward-looking statements which are described in the "Non-IFRS Financial Measures" and the "Forward-Looking Statements" sections, respectively.

Market Outlook

Agriculture and Retail

- Global grain and oilseed inventory is well below historic levels and crop prices and grower margins remain strong, which is supportive of crop input spending in key regions where we operate.
- The North American harvest progressed ahead of historic levels and grower sentiment is positive, which supported a strong start
 to the fall application season in most regions. We expect growers to maximize planted acreage and yields in 2022 as projected
 US grower corn and soybean margins are approximately 60 percent and 35 percent, respectively, above 10-year average levels.
- Brazilian growers are expected to increase total plantings by 5 to 7 million acres due to record grower profitability and are planting soybeans at an above-average pace due to supportive rainfalls. This is expected to result in higher crop input spending through the growing season.
- Growers in Australia started harvesting winter crops and we expect them to benefit from the combination of above-average yields and high prices for crops like wheat, barley and canola.
- The availability of crop inputs, including fertilizer and certain herbicides, has been impacted by global production and supplychain issues. Nutrien is strategically positioned to cover fall commitments and expects limited impact to its crop protection product availability in the first half of 2022.

Crop Nutrient Markets

- Global potash prices continue to increase in all key spot markets driven by record global demand and strong grower margins. We maintain our 2021 global shipment forecast between 69 and 71 million tonnes.
- Global supply of potash is tight caused by competitor mine flooding, new project delays and a limited ability of most producers to
 meaningfully increase production. US and European sanctions imposed on Belarus are causing additional supply concerns due
 to potential impacts to vessel chartering and transaction execution in US dollars. Potash inventories remain below historic levels
 in key markets with China accessing strategic reserves. Nutrien remains committed to providing a reliable supply for our
 customers through our world-class distribution network, including Canpotex.
- Soaring energy prices in Europe and China triggered nitrogen capacity shutdowns and reduced operating rates, rapidly tightening
 global nitrogen supply and shifting trade flows. Furthermore, the Chinese government ordered fertilizer producers to halt exports
 until June 2022, which is expected to significantly reduce Chinese urea and phosphate trade volumes.
- Phosphate prices have been supported by the expected reduction in supply from China due to export restrictions and reduced US supply, compounded by tight inventories as a result of robust demand throughout 2021.

Financial Outlook and Guidance

Based on market factors detailed above, we are raising full-year 2021 adjusted EBITDA guidance to \$6.9 to \$7.1 billion from \$6.0 to \$6.4 billion and full-year 2021 adjusted net earnings guidance to \$5.85 to \$6.10 per share from \$4.60 to \$5.10 per share.

All guidance numbers, including those noted above are outlined in the table below. Refer to page 57 of Nutrien's 2020 Annual Report for related assumptions and sensitivities.

2021 Guidance Ranges ¹	Low	High
Adjusted net earnings per share ²	\$ 5.85	\$ 6.10
Adjusted EBITDA (billions) ²	\$ 6.9	\$ 7.1
Retail Adjusted EBITDA (billions)	\$ 1.75	\$ 1.80
Potash Adjusted EBITDA (billions)	\$ 2.65	\$ 2.75
Nitrogen Adjusted EBITDA (billions)	\$ 2.3	\$ 2.4
Phosphate Adjusted EBITDA (millions)	\$ 490	\$ 540
Potash sales tonnes (millions) 3	13.6	13.9
Nitrogen sales tonnes (millions) 3	10.7	10.9
Depreciation and amortization (billions)	\$ 1.9	\$ 2.0
Effective tax rate on adjusted earnings	24%	25%
Sustaining capital expenditures (billions) ²	\$ 1.15	\$ 1.25

¹ See the "Forward-Looking Statements" section.

Consolidated Results

_	Three Months	s Ended Sept	tember 30	Nine Months	s Ended Sept	ember 30
(millions of US dollars)	2021	2020	% Change	2021	2020	% Change
Sales ¹	6,024	4,227	43	20,445	16,856	21
Freight, transportation and distribution	220	204	8	653	653	-
Cost of goods sold	3,639	3,004	21	13,589	12,129	12
Gross margin ¹	2,165	1,019	112	6,203	4,074	52
Expenses ¹	1,108	1,741	(36)	3,249	3,575	(9)
Net earnings (loss)	726	(587)	n/m	1,972	143	n/m
Adjusted EBITDA ²	1,642	670	145	4,663	2,899	61
Cash (used in) provided by operating activities	(1,565)	(685)	128	249	545	(54)
Free cash flow ("FCF") 2	862	280	208	2,751	1,634	68
FCF including changes in non-cash operating working capital ²	(1,890)	(888)	113	(544)	34	n/m

¹ Certain immaterial figures have been reclassified for the three and nine months ended September 30, 2020.

Net earnings and adjusted EBITDA increased significantly in the third quarter and first nine months of 2021 compared to the same periods in 2020 due to higher net realized selling prices across our nutrient businesses, higher potash sales volumes and earnings growth in Nutrien Ag Solutions ("Retail"), as well as, the non-cash impairment in the third quarter of 2020 that was primarily related to our phosphate business. Cash flow from operating activities decreased in the third quarter and first nine months of 2021 compared to the same periods in 2020 due to higher working capital requirements associated with much higher sales and higher value of fertilizers, while free cash flow increased by over \$1 billion in the first nine months of 2021. The COVID-19 pandemic had a limited impact on our results during the third quarter and first nine months of 2021.

Segment Results

Our discussion of segment results set out on the following pages is a comparison of the results for the three and nine months ended September 30, 2021 to the results for the three and nine months ended September 30, 2020, unless otherwise noted.

² See the "Non-IFRS Financial Measures" section.

³ Manufactured products only. Nitrogen excludes ESN® and Rainbow products.

² See the "Non-IFRS Financial Measures" section.

Nutrien Ag Solutions ("Retail")

			Three N	Nonths Ended	ed September 30									
(millions of US dollars, except		Dollars		Gr	oss Margin		Gross Marg	gin (%)						
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020						
Sales														
Crop nutrients	1,194	780	53	246	179	37	21	23						
Crop protection products	1,469	1,328	11	374	256	46	25	19						
Seed	140	103	36	56	27	107	40	26						
Merchandise	265	234	13	44	37	19	17	16						
Nutrien Financial 1	54	36	50	54	36	50	100	100						
Services and other 1	276	296	(7)	194	183	6	70	62						
Nutrien Financial elimination ²	(51)	(35)	46	(51)	(35)	46	100	100						
	3,347	2,742	22	917	683	34	27	25						
Cost of goods sold	2,430	2,059	18_											
Gross margin	917	683	34											
Expenses 1, 3	808	691	17											
Earnings (loss) before finance														
costs and taxes ("EBIT")	109	(8)	n/m											
Depreciation and amortization	182	170	7											
EBITDA / Adjusted EBITDA	291	162	80											

- 1 Certain immaterial figures have been reclassified for the three months ended September 30, 2020.
- 2 Represents elimination for the interest and service fees charged by Nutrien Financial to Retail branches.
- 3 Includes selling expenses of \$746 million (2020 \$669 million).

_			Nine N	Ionths Ended	September	30		
(millions of US dollars, except		Dollars		Gr	oss Margin	<u> </u>	Gross Mar	gin (%)
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020
Sales								
Crop nutrients	5,255	4,092	28	1,169	894	31	22	22
Crop protection products	5,220	4,774	9	1,137	960	18	22	20
Seed	1,819	1,638	11	362	305	19	20	19
Merchandise	763	703	9	127	116	9	17	17
Nutrien Financial 1	138	92	50	138	92	50	100	100
Services and other 1	784	951	(18)	617	567	9	79	60
Nutrien Financial elimination	(123)	(83)	48	(123)	(83)	48	100	100
	13,856	12,167	14	3,427	2,851	20	25	23
Cost of goods sold	10,429	9,316	12					
Gross margin	3,427	2,851	20					
Expenses 1, 2	2,467	2,206	12					
EBIT	960	645	49					
Depreciation and amortization	528	488	8					
EBITDA	1,488	1,133	31					
Adjustments ³	9	-	n/m					
Adjusted EBITDA	1,497	1,133	32					

- 1 Certain immaterial figures have been reclassified for the nine months ended September 30, 2020.
- $2\,$ Includes selling expenses of \$2,276 million (2020 \$2,068 million).
- 3 See Note 2 to the interim financial statements.
- Adjusted EBITDA increased in the third quarter and first nine months of 2021 due to significantly higher sales and gross margin.
 Higher sales were achieved through market share growth and strong agriculture fundamentals. Gross margin increased due to improved proprietary product results and from strategic procurement of crop nutrients and crop protection products in a rising price environment. Retail cash operating coverage ratio¹ declined to 59 percent for the rolling four quarters ended September 30, 2021 due to significantly higher gross margin.
- Crop nutrients sales increased in the third quarter and first nine months of 2021 as a result of record sales volumes and higher selling prices. Gross margin per tonne increased significantly due to strategic purchasing in a rising price environment and higher proprietary product sales. Gross margin percentage decreased slightly in the third quarter of 2021 due to the magnitude of per tonne selling price increases but was slightly higher in the first nine months of 2021.

- **Crop protection products** sales increased in the third quarter and first nine months of 2021 due to higher selling prices, market share growth and higher proprietary product sales. The reliability of our supply chain and strategic procurement allowed us to deliver on strong grower demand and generate higher gross margin percentages.
- Seed sales increased in the third quarter and first nine months of 2021 due to strategic acquisitions in Brazil, strong grower purchasing in the US and higher planted acreage in key regions where we operate. Gross margin percentage increased in the third quarter and first nine-months of 2021 due to the timing and mix of seed sales and a greater proportion of higher margin proprietary product sales.
- Merchandise sales and gross margin percentage increased in the third quarter and first nine months of 2021 primarily driven by strong grower and rancher purchasing in Australia.
- **Nutrien Financial** sales increased in the third quarter and first nine months of 2021 due to higher utilization and adoption of our programs, including from the expansion of Nutrien Financial into Australia in the fourth quarter of 2020. At the end of the third quarter of 2021 net receivables in the programs were \$2.8 billion, an increase of \$1.1 billion compared to the same time last year, while net credit loss was minimal in the first nine months of 2021 and 2020 due to strong credit evaluation and collection.
- Services and other sales decreased in the third quarter and first nine months of 2021 compared to the same periods in 2020 due to the divestiture of an Australian livestock export business in the fourth quarter of 2020, which more than offset higher US custom application sales. Despite the change in revenue mix, gross margin increased and the impact to gross margin percentage was favorable for both the third quarter and first nine months of 2021.

Potash

				Three Month	s Ended S	September 30			
(millions of US dollars, except		Dollars		Tonr	es (thous	ands)	Average per Tonne		
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change
Manufactured product									
Net sales									
North America	483	252	92	1,515	1,426	6	319	176	81
Offshore	705	339	108	2,276	2,252	1	310	151	105
Coat of goods cold	1,188	591	101	3,791	3,678	3	313	161	94
Cost of goods sold	372	303	23				98	83	18
Gross margin - total	816	288	183				215	78	176
Expenses ¹	146	84	74	Depreciation	and amor	tization	35	34	2
EBIT	670	204	228	Gross margi	in excluding	g depreciation			
Depreciation and amortization	131	124	6	and amorti	zation - ma	nufactured 2	250	112	123
EBITDA	801	328	144	Potash cash	cost of pro	oduct			
Adjustments ³	7	22	(68)	manufactu	ıred ²		66	53	25
Adjusted EBITDA	808	350	131						

¹ Includes provincial mining taxes of \$128 million (2020 - \$58 million).

³ See Note 2 to the interim financial statements.

				Nine Month	s Ended S	eptember 30			
(millions of US dollars, except		Dollars		Ton	nes (thous	ands)	Average per Tonne		
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change
Manufactured product									
Net sales									
North America	1,141	709	61	4,157	3,774	10	275	188	46
Offshore	1,475	987	49	6,412	6,396	<u>-</u>	230	154	49
0 / /	2,616	1,696	54	10,569	10,170	4	248	167	49
Cost of goods sold	980	878	12			_	93	87	7
Gross margin - total	1,636	818	100				155	80	94
Expenses ¹	333	199	67	Depreciatio	n and amor	tization	35	32	9
EBIT	1,303	619	111	Gross marg	in excluding	g depreciation			
Depreciation and amortization	371	329	13	and amort	ization - ma	nufactured	190	112	69
EBITDA	1,674	948	77	Potash cas	n cost of pro	oduct			
Adjustments ²	9	22	(59)	manufactu	ıred		61	55	11
Adjusted EBITDA	1.683	970	74						

¹ Includes provincial mining taxes of \$293 million (2020 – \$161 million).

² See the "Non-IFRS Financial Measures" section.

² See Note 2 to the interim financial statements.

- Adjusted EBITDA increased in the third quarter and first nine months of 2021 due to higher net realized selling prices and record sales volumes in the first nine months of 2021.
- Sales volumes increased in the third quarter and first nine months of 2021 and were the highest of any first nine-month period on record underpinned by the reliable supply from our flexible, low-cost network of six mines and integrated transportation and logistics system.
- **Net realized selling price** increased in the third quarter and first nine months of 2021 due to strong global demand supported by higher crop prices and impacts to global supply caused by competitor outages and project delays.
- Cost of goods sold per tonne in the third quarter and first nine months of 2021 increased primarily due to a stronger Canadian dollar, the timing of mine maintenance activity and higher royalties resulting from increased selling prices.

Canpotex Sales by Market

(percentage of sales volumes, except as	Three Months	Ended Septer	Nine Months I	Nine Months Ended September 30			
otherwise noted)	2021	2020	Change	2021	2020	Change	
Latin America	48	36	12	38	33	5	
Other Asian markets 1	28	20	8	35	25	10	
India	9	14	(5)	6	13	(7)	
China	7	23	(16)	11	22	(11)	
Other markets	8	7	1	10	7	3	
	100	100		100	100		

¹ All Asian markets except China and India.

Nitrogen

				Three Month	s Ended S	September 30				
(millions of US dollars, except		Dollars		Tonr	Tonnes (thousands)			Average per Tonne		
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change	
Manufactured product										
Net sales										
Ammonia	368	105	250	721	546	32	509	193	164	
Urea	316	193	64	659	766	(14)	480	251	91	
Solutions, nitrates and										
sulfates	289	143	102	1,141	1,091	5	253	131	93	
	973	441	121	2,521	2,403	5	386	184	110	
Cost of goods sold	591	392	51			_	234	164	43	
Gross margin - manufactured	382	49	680				152	20	660	
Gross margin - other 1	24	9	167	Depreciation	and amor	tization	50	55	(9)	
Gross margin - total	406	58	600	Gross marg	in excluding	g depreciation				
(Income) expenses	(1)	21	n/m	and amorti	zation - ma	nufactured	202	75	171	
EBIT	407	37	1,000	Ammonia co	ontrollable o	cash cost of				
Depreciation and amortization	125	131	(5)	product ma	anufactured	l ²	53	47	13	
EBITDA	532	168	217							
Adjustments ³	-	27	(100)							
Adjusted EBITDA	532	195	173							

¹ Includes other nitrogen (including ESN® and Rainbow) and purchased products and is comprised of net sales of \$128 million (2020 – \$99 million) less cost of goods sold of \$104 million (2020 – \$90 million).

² See the "Non-IFRS Financial Measures" section.

³ See Note 2 to the interim financial statements.

_				Nine Month	<u>s Ended S</u>	eptember 30			
(millions of US dollars, except		Dollars		Tonr	nes (thous	ands)	Avei	age per T	onne
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change
Manufactured product									
Net sales									
Ammonia	874	464	88	2,129	2,048	4	411	227	81
Urea	911	703	30	2,235	2,622	(15)	407	268	52
Solutions, nitrates and sulfates	743	500	49	3,526	3,451	2	211	145	46
	2,528	1,667	52	7,890	8,121	(3)	320	205	56
Cost of goods sold	1,628	1,344	21			_	206	165	25
Gross margin - manufactured	900	323	179				114	40	185
Gross margin - other 1	72	40	80	Depreciation	n and amor	tization	52	56	(7)
Gross margin - total	972	363	168	Gross marg	in excluding	g depreciation			
(Income) expenses	(1)	29	n/m	and amorti	zation - ma	nufactured	166	96	73
EBIT	973	334	191	Ammonia co	ontrollable o	cash cost of			
Depreciation and amortization	409	453	(10)	product ma	anufactured	d .	52	44	18
EBITDA	1,382	787	76						
Adjustments ²	5	27	(81)						
Adjusted EBITDA	1,387	814	70						

Nine Menths Ended Contember 20

- Adjusted EBITDA increased in the third quarter and first nine months of 2021 primarily due to higher net realized selling prices which more than offset higher natural gas costs.
- Sales volumes increased in the third quarter of 2021 due to strong market demand and higher availability from our facility in Trinidad. Sales volumes in the first nine months of 2021 decreased compared to the same period in 2020 due to more planned turnaround activity, temporary production outages and lower inventory volumes at the beginning of 2021 compared to the same period in 2020.
- **Net realized selling price** in the third quarter and first nine months of 2021 was higher due to higher benchmark prices resulting from the strength in global agriculture markets, a recovery in industrial nitrogen demand, global production outages and higher energy prices in key nitrogen exporting regions.
- Cost of goods sold per tonne increased during the third quarter and first nine months of 2021 due to higher natural gas costs, production outages at our lower-cost North American facilities and a stronger Canadian dollar.

Natural Gas Prices in Cost of Production

	Three Months	s Ended Sep	tember 30	Nine Months	Ended Sept	ember 30
(US dollars per MMBtu, except as otherwise noted)	2021	2020	% Change	2021	2020	% Change
Overall gas cost excluding realized derivative impact	4.77	2.18	119	3.92	2.17	81
Realized derivative impact	0.01	0.06	(83)	0.02	0.06	(67)
Overall gas cost	4.78	2.24	113	3.94	2.23	77
Average NYMEX	4.01	1.98	103	3.18	1.88	69
Average AECO	2.83	1.62	75	2.48	1.54	61

 Natural gas prices in our cost of production increased in the third quarter and first nine months of 2021 as a result of higher North American gas index prices and increased gas costs in Trinidad, where our gas prices are linked to ammonia benchmark prices.

¹ Includes other nitrogen (including ESN® and Rainbow) and purchased products and is comprised of net sales of \$512 million (2020 – \$404 million) less cost of goods sold of \$440 million (2020 – \$364 million).

² See Note 2 to the interim financial statements.

Phosphate

_				Three Month	s Ended S	September 30			
(millions of US dollars, except		Dollars		Tonn	es (thous	ands)	Average per Tonne		
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change
Manufactured product									
Net sales									
Fertilizer	269	172	56	428	542	(21)	628	317	98
Industrial and feed	132	94	40	192	166	16	689	563	22
	401	266	51	620	708	(12)	648	375	73
Cost of goods sold	300	268	12			<u>_</u>	484	379	28
Gross margin - manufactured	101	(2)	n/m				164	(4)	n/m
Gross margin - other 1	7	1	600	Depreciation	and amor	tization	63	85	(26)
Gross margin - total	108	(1)	n/m	Gross margi	n excludino	g depreciation			
Expenses	12	782	(98)	and amortiz	ation - ma	nufactured	227	81	181
EBIT	96	(783)	n/m						
Depreciation and amortization	39	60	(35)						
EBITDA	135	(723)	n/m						
Adjustments ²	-	769	(100)						
Adjusted EBITDA	135	46	193						

¹ Includes other phosphate and purchased products and is comprised of net sales of \$47 million (2020 – \$26 million) less cost of goods sold of \$40 million (2020 – \$25 million).

² See Note 2 to the interim financial statements.

_				Nine Month	s Ended S	eptember 30			
(millions of US dollars, except		Dollars		Tonr	nes (thous	ands)	Average per Tonne		
as otherwise noted)	2021	2020	% Change	2021	2020	% Change	2021	2020	% Change
Manufactured product									
Net sales									
Fertilizer	731	491	49	1,331	1,582	(16)	549	310	77
Industrial and feed	365	304	20	577	551	5	633	552	15
	1,096	795	38	1,908	2,133	(11)	575	373	54
Cost of goods sold	853	779	9			_	448	366	22
Gross margin - manufactured	243	16	n/m				127	7	n/m
Gross margin - other 1	15	4	275	Depreciation	n and amor	tization	59	84	(30)
Gross margin - total	258	20	n/m	Gross marg	in excluding	g depreciation			
Expenses	26	799	(97)	and amorti	zation - ma	nufactured	186	91	104
EBIT	232	(779)	n/m						
Depreciation and amortization	112	179	(37)						
EBITDA	344	(600)	n/m						
Adjustments ²	-	769	(100)						
Adjusted EBITDA	344	169	104						

¹ Includes other phosphate and purchased products and is comprised of net sales of \$140 million (2020 – \$87 million) less cost of goods sold of \$125 million (2020 – \$83 million).

- Adjusted EBITDA increased in the third quarter and first nine months of 2021 due to higher net realized selling prices which more than offset higher raw material costs and lower sales volumes.
- Sales volumes were lower in the third quarter of 2021 due to the timing of sales and a greater proportion of certain fertilizer and industrial products with a higher P₂O₅ content. Sales volumes in the first nine months of 2021 were also impacted by lower inventory volumes at the beginning of 2021 compared to the same period in 2020.
- Net realized selling price increased in the third quarter and first nine months of 2021 as a result of higher fertilizer benchmark
 prices driven by robust global phosphate demand, tight inventories and higher global raw material costs. Industrial and feed
 prices also increased in the third quarter and first nine months of 2021, but to a lesser extent than fertilizer, due to a lag in price
 realizations relative to spot prices.
- Cost of goods sold per tonne increased in the third quarter and first nine months of 2021 due to significantly higher raw material input costs and a favorable non-cash inventory adjustment in the third quarter of 2020, partially offset by lower depreciation and amortization. Results for the first nine months of 2020 were also impacted by a \$46 million favorable change in estimate related to an asset retirement obligation recorded in the second guarter of 2020.

² See Note 2 to the interim financial statements.

Corporate and Others

(millions of US dollars, except as otherwise	Three Months	Three Months Ended September 30			Nine Months Ended September 30		
noted)	2021	2020	% Change	2021	2020	% Change	
Sales ¹	-	23	(100)	-	70	(100)	
Cost of goods sold	-	20	(100)	-	63	(100)	
Gross margin	-	3	(100)	-	7	(100)	
Selling expenses	(9)	(4)	125	(24)	(17)	41	
General and administrative expenses	58	66	(12)	182	191	(5)	
Share-based compensation expense	64	29	121	125	9	n/m	
Impairment of assets	-	5	(100)	-	5	(100)	
Other expenses	30	67	(55)	141	154	(8)	
EBIT	(143)	(160)	(11)	(424)	(335)	27	
Depreciation and amortization	12	15	(20)	34	41	(17)	
EBITDA	(131)	(145)	(10)	(390)	(294)	33	
Adjustments ²	89	74	20	232	92	152	
Adjusted EBITDA	(42)	(71)	(41)	(158)	(202)	(22)	

¹ Primarily relates to our non-core Canadian business that was sold in 2020.

- Share-based compensation expense was higher in the third quarter and first nine months of 2021 compared to the same periods in 2020 due to an increase in our share price. We also had a higher number of share-based awards that vested in 2021.
- Other expenses were lower in the third quarter and first nine months of 2021 compared to the same periods in 2020 due to lower information technology project related costs and lower foreign exchange losses. This was partially offset by additional cloud computing related expenses recognized in the first nine months of 2021 from our change in accounting policy (refer to Note 3 to the interim financial statements).

Eliminations

Eliminations of gross margin between operating segments in the third quarter of 2021 were \$(82) million compared to \$(12) million for the third quarter of 2020 and \$(90) million in the first nine months of 2021 compared to a \$15 million gross margin recovery for the same period in 2020. Eliminations increased due to higher margin inventories held by our Retail segment. Eliminations are not part of the Corporate and Others segment.

Finance Costs, Income Tax Expense (Recovery) and Other Comprehensive (Loss) Income

(millions of US dollars, except as otherwise	Three Months Ended September 30			Nine Months Ended September 30			
noted)	2021	2020	% Change	2021	2020	% Change	
Finance costs	122	129	(5)	367	401	(8)	
Income tax expense (recovery)	209	(264)	n/m	615	(45)	n/m	
Other comprehensive (loss) income	(79)	71	n/m	6	(86)	n/m	

- **Finance costs** in the third quarter and first nine months of 2021 were lower compared to the same periods in 2020 due to lower interest rates and a lower short-term debt balance, more than offsetting a higher long-term debt balance resulting from the \$1.5 billion in notes issued in the second quarter of 2020.
- **Income tax expense** in the third quarter and first nine months of 2021 was higher as a result of higher earnings before income taxes compared to the same periods in 2020. Income tax recoveries were recorded in 2020 due to an impairment of assets and discrete tax recoveries related to US legislative changes.
- Other comprehensive (loss) income is primarily driven by changes in the currency translation of our foreign operations and our investment in Sinofert Holdings Ltd. ("Sinofert"). The Australian dollar depreciated as at September 30, 2021 relative to June 30, 2021 and December 31, 2020 levels which led to translation losses in the third quarter and first nine months of 2021. This was partially offset by an increase in the fair value of our investment in Sinofert.

² See Note 2 to the interim financial statements.

Liquidity and Capital Resources

Sources and Uses of Liquidity

We continued to manage our capital in accordance with our capital allocation strategy. We believe that our internally generated cash flow, supplemented by available borrowings under our existing financing sources, if necessary, will be sufficient to meet our anticipated capital expenditures and other cash requirements for the foreseeable future. Refer to the "Capital Structure and Management" section for details on our existing long-term debt and credit facilities.

Sources and Uses of Cash

(millions of US dollars, except as otherwise	Three Months Ended September 30 Nine Months			Ended September 30		
noted)	2021	2020	% Change	2021	2020	% Change
Cash (used in) provided by operating activities	(1,565)	(685)	128	249	545	(54)
Cash used in investing activities	(523)	(356)	47	(1,342)	(1,209)	11
Cash provided by financing activities	757	85	791	117	465	(75)
Effect of exchange rate changes on cash and cash equivalents	(20)	6	n/m	(35)	(7)	400
Decrease in cash and cash equivalents	(1,351)	(950)	42	(1,011)	(206)	391

Cash (used in) provided by operating activities	 Higher cash used in operating activities in the third quarter of 2021 and lower cash provided by operating activities in the first nine months of 2021 compared to the same periods in 2020 were due to higher seasonal working capital requirements offsetting higher earnings due to strong demand for crop inputs and tight fertilizer supply.
Cash used in investing activities	 Higher cash used in investing activities in the third quarter and first nine months of 2021 was due to an increase in capital expenditures caused by higher turnaround and maintenance activities, and nitrogen brownfield expansion costs compared to the same periods in 2020.
Cash provided by financing activities	 Higher cash provided by financing activities for the third quarter of 2021 compared to the same period in 2020 was due to increased commercial paper drawdowns to temporarily finance working capital requirements. Lower cash provided by financing activities for the first nine months of 2021 was due to the issuance of \$1.5 billion of notes and a note repayment of \$500 million in the same period in 2020 with no similar activities in 2021. This was offset by increased commercial paper drawdowns in the first nine months of 2021.

Financial Condition Review

The following balance sheet categories contained variances that were considered significant:

	As	at		
(millions of US dollars, except as otherwise noted)	September 30, 2021	December 31, 2020	\$ Change	% Change
Assets				
Cash and cash equivalents	443	1,454	(1,011)	(70)
Receivables	6,911	3,626	3,285	91
Inventories	4,674	4,930	(256)	(5)
Prepaid expenses and other current assets	654	1,460	(806)	(55)
Other assets	679	914	(235)	(26)
Liabilities and Equity				
Short-term debt	1,255	159	1,096	689
Payables and accrued charges	6,930	8,058	(1,128)	(14)
Share capital	15,818	15,673	145	1
Retained earnings	7,735	6,606	1,129	17

- Explanations for changes in Cash and cash equivalents are in the "Sources and Uses of Cash" section.
- Receivables increased due to higher sales across all of our segments. This was a result of increased crop nutrient net realized selling prices and strong demand for crop inputs, seasonal Retail sales and higher Retail vendor rebates receivables. Certain income tax receivables previously classified as non-current are currently realizable within one year.

- Inventories decreased due to the seasonality of our Retail segment. Generally, we carry higher inventory levels at year-end and during the early part of the year in preparation for the upcoming planting and application seasons. Throughout the year, inventory levels decrease as we sell to our customers. As at September 30, 2021, we held higher than average levels of inventory compared to the same period in 2020 due to the higher cost to produce or purchase inventory and held higher volumes of Retail inventory to meet anticipated demand.
- **Prepaid expenses and other current assets** decreased due to the drawdown of prepaid inventory where Retail typically prepays for products at year-end and takes possession of inventory throughout the year.
- Other assets decreased due to a reclassification of certain income tax receivables as current receivables, which will be realized within one year.
- Short-term debt increased from commercial paper issuances as part of our seasonal working capital management.
- Payables and accrued charges decreased due to the seasonality of our Retail segment. Similar to the movement of our inventories and prepaid expenses, we generally enter into vendor arrangements at year-end. Throughout the year, we settle our vendor obligations and customer prepayments decrease as drawdowns occur. As at September 30, 2021, we had higher payables balances compared to the same period in 2020 due to rising inventory costs, customer prepayments and higher income tax payable from increased earnings.
- Share capital increased from exercise of stock options partially offset by shares repurchased.
- Retained earnings increased as net earnings in the first nine months of 2021 exceeded dividends declared.

Capital Structure and Management

Principal Debt Instruments

As part of the normal course of business, we closely monitor our liquidity position. We use a combination of cash generated from operations and short-term and long-term debt to finance our operations. We were in compliance with our debt covenants and did not have any changes to our credit ratings in the nine months ended September 30, 2021.

	As at September 30, 2021						
			Outstanding and	Committed			
(millions of US dollars)	Rate of Interest (%)	Total Facility Limit	Short-term debt	Long-term debt			
Credit facilities							
Unsecured revolving term credit facility	n/a	4,500	-	-			
Uncommitted revolving demand facility	n/a	500	-	-			
Other credit facilities 1	1.8 - 11.4	635	128	156			
Other short-term debt	n/a		88	-			
Commercial Paper	0.2 - 0.3		1,039	-			
Total			1,255	156			

¹ Other credit facilities are unsecured and consist of South American facilities with debt of \$261 million and interest rates ranging from 1.8 percent to 11.4 percent and other facilities with debt of \$23 million and interest rates ranging from 2.3 percent to 3.9 percent.

We also have a commercial paper program, which is limited to the availability of backup funds under the \$4,500 million unsecured revolving term credit facility and excess cash invested in highly liquid securities.

We extended the maturity date of the unsecured revolving term credit facility from 2023 to 2026 in the second quarter of 2021. There was no change to the total facility limit or the significant agreement terms from those we disclosed in our 2020 Annual Report.

Our long-term debt consists primarily of notes. See the "Capital Structure and Management" section of our 2020 Annual Report for information on balances, rates and maturities for our notes. We expect to reduce our long-term debt by approximately \$2 billion in the next six months by using cash on hand and proceeds from the issuance of commercial paper.

Outstanding Share Data

As at October 29, 2021

Common shares

Options to purchase common shares

7,182,599

For more information on our capital structure and management, see Note 24 to our 2020 annual financial statements.

Quarterly Results

(millions of US dollars, except as otherwise noted)	Q3 2021	Q2 2021	Q1 2021	Q4 2020	Q3 2020	Q2 2020	Q1 2020	Q4 2019
Sales ¹	6,024	9,763	4,658	4,052	4,227	8,431	4,198	3,462
Net earnings (loss)	726	1,113	133	316	(587)	765	(35)	(48)
Net earnings (loss) attributable to equity holders of Nutrien	717	1,108	127	316	(587)	765	(35)	(48)
Adjusted EBITDA	1,642	2,215	806	768	670	1,721	508	664
Net earnings (loss) per share attributable to equity holders of Nutrien								
Basic	1.26	1.94	0.22	0.55	(1.03)	1.34	(0.06)	(0.08)
Diluted	1.25	1.94	0.22	0.55	(1.03)	1.34	(0.06)	(80.0)

¹ Certain immaterial figures have been reclassified in the first three quarters of 2020.

Seasonality in our business results from increased demand for products during the planting season. Crop input sales are generally higher in the spring and fall application seasons. Crop nutrient inventories are normally accumulated leading up to each application season. Our cash collections generally occur after the application season is complete, while customer prepayments made to us are concentrated in December and January and inventory prepayments paid to our suppliers are typically concentrated in the period from November to January. Feed and industrial sales are more evenly distributed throughout the year.

In the third quarter of 2020, earnings were impacted by an \$823 million non-cash impairment of assets primarily in the Phosphate segment as a result of lower forecasted global phosphate prices. In the fourth quarter of 2020, earnings were impacted by a \$250 million net gain on disposal of our investment in Misr Fertilizers Production Company S.A.E. ("MOPCO").

Critical Accounting Estimates

Our significant accounting policies are disclosed in our 2020 Annual Report. We have discussed the development, selection and application of our key accounting policies, and the critical accounting estimates and assumptions they involve, with the audit committee of the Board. Our critical accounting estimates are discussed on page 53 of our 2020 Annual Report. There were no significant changes in the nine months ended September 30, 2021 to our critical accounting estimates.

Controls and Procedures

Management is responsible for establishing and maintaining adequate internal control over financial reporting, as defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934, as amended, and National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*. Internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and preparation of financial statements for external purposes in accordance with IFRS. Any system of internal control over financial reporting, no matter how well designed, has inherent limitations. Therefore, even those systems determined to be effective can provide only reasonable assurance with respect to financial statement preparation and presentation.

There has been no change in our internal control over financial reporting during the three months ended September 30, 2021 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

Forward-Looking Statements

Certain statements and other information included in this document, including within the "Financial Outlook and Guidance" section, constitute "forward-looking information" or "forward-looking statements" (collectively, "forward-looking statements") under applicable securities laws (such statements are often accompanied by words such as "anticipate", "forecast", "expect", "believe", "may", "will", "should", "estimate", "intend" or other similar words). All statements in this document, other than those relating to historical information or current conditions, are forward-looking statements, including, but not limited to: Nutrien's business strategies, plans, prospects and opportunities; Nutrien's full-year guidance, including expectations regarding our adjusted net earnings per share and adjusted EBITDA (consolidated and by segment); expectations regarding our growth and capital allocation intentions and strategies; capital spending expectations for 2021; expectations regarding our ability to reduce our long term debt; expectations regarding performance of our operating segments in 2021, including our operating segment market outlooks and market conditions for 2021, and the anticipated supply and demand for our products and services, expected market and industry conditions with respect to crop nutrient application rates, planted acres, crop mix, prices and the impact of import and export volumes; Nutrien's ability to develop innovative and sustainable solutions; the negotiation of sales contracts; expected benefits from our brownfield expansion projects; and acquisitions and divestitures. These forward-looking statements are subject to a number of assumptions, risks and uncertainties, many of which are beyond our control, which could cause actual results to differ materially from such forward-looking statements. As such, undue reliance should not be placed on these forward-looking statements.

All of the forward-looking statements are qualified by the assumptions that are stated or inherent in such forward-looking statements, including the assumptions referred to below and elsewhere in this document. Although we believe that these assumptions are reasonable, having regard to our experience and our perception of historical trends, this list is not exhaustive of the factors that may affect any of the forward-looking statements and the reader should not place an undue reliance on these assumptions and such forward-looking statements. Current conditions, economic and otherwise, render assumptions, although reasonable when made, subject to greater uncertainty. The additional key assumptions that have been made include, among other things, assumptions with respect to our ability to successfully complete, integrate and realize the anticipated benefits of our already completed and future acquisitions and divestitures, and that we will be able to implement our standards, controls, procedures and policies in respect of any acquired businesses and to realize the expected synergies; that future business, regulatory and industry conditions will be within the parameters expected by us, including with respect to prices, margins, demand, supply, product availability, supplier agreements, availability and cost of labor and interest, exchange and effective tax rates; assumptions with respect to global economic conditions and the accuracy of our market outlook expectations for 2021 and in the future; our expectations regarding the impacts, direct and indirect, of the COVID-19 pandemic on our business, customers, business partners, employees, supply chain, other stakeholders and the overall economy; the adequacy of our cash generated from operations and our ability to access our credit facilities or capital markets for additional sources of financing; our ability to identify suitable candidates for acquisitions and divestitures and negotiate acceptable terms; our ability to maintain investment grade ratings and achieve our performance targets; our ability to successfully negotiate sales contracts; and our ability to successfully implement new initiatives and programs.

Events or circumstances that could cause actual results to differ materially from those in the forward-looking statements include, but are not limited to: general global economic, market and business conditions; failure to complete announced and future acquisitions or divestitures at all or on the expected terms and within the expected timeline; climate change and weather conditions, including impacts from regional flooding and/or drought conditions; crop planted acreage, yield and prices; the supply and demand and price levels for our products; governmental and regulatory requirements and actions by governmental authorities, including changes in government policy (including tariffs, trade restrictions and climate change initiatives), government ownership requirements, changes in environmental, tax and other laws or regulations and the interpretation thereof; political risks, including civil unrest, actions by armed groups or conflict and malicious acts including terrorism; the occurrence of a major environmental or safety incident; innovation and cybersecurity risks related to our systems, including our costs of addressing or mitigating such risks; counterparty and sovereign risk; delays in completion of turnarounds at our major facilities; interruptions of or constraints in availability of key inputs, including natural gas and sulfur; any significant impairment of the carrying amount of certain assets; risks related to reputational loss; certain complications that may arise in our mining processes; the ability to attract, engage and retain skilled employees and strikes or other forms of work stoppages; the COVID-19 pandemic, including variants of the COVID-19 virus and the efficiency and distribution of vaccines, and its resulting effects on economic conditions, restrictions imposed by public health authorities or governments, including government-imposed vaccine mandates, fiscal and monetary responses by governments and financial institutions and disruptions to global supply chains; and other risk factors detailed from time to time in Nutrien reports filed with the Canadian securities regulators and the SEC in the United States.

The purpose of our expected adjusted net earnings per share, adjusted EBITDA (consolidated and by segment) and sustaining capital expenditures guidance ranges, are to assist readers in understanding our expected and targeted financial results, and this information may not be appropriate for other purposes.

The forward-looking statements in this document are made as of the date hereof and Nutrien disclaims any intention or obligation to update or revise any forward-looking statements in this document as a result of new information or future events, except as may be required under applicable Canadian securities legislation or applicable US federal securities laws.

Terms and Definitions

For the definitions of certain financial and non-financial terms used in this document, as well as a list of abbreviated company names and sources, see the "Terms and Definitions" section of our 2020 Annual Report. All references to per share amounts pertain to diluted net earnings (loss) per share, "n/m" indicates information that is not meaningful, and all financial amounts are stated in millions of US dollars, unless otherwise noted.

About Nutrien

Nutrien is the world's largest provider of crop inputs and services, playing a critical role in helping growers increase food production in a sustainable manner. We produce and distribute approximately 27 million tonnes of potash, nitrogen and phosphate products world-wide. With this capability and our leading agriculture retail network, we are well positioned to supply the needs of our customers. We operate with a long-term view and are committed to working with our stakeholders as we address our economic, environmental and social priorities. The scale and diversity of our integrated portfolio provides a stable earnings base, multiple avenues for growth and the opportunity to return capital to shareholders.

For Further Information:

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Contact us at: www.nutrien.com

Selected financial data for download can be found in our data tool at www.nutrien.com/investors/interactive-datatool Such data is not incorporated by reference herein.

Nutrien will host a Conference Call on Tuesday, November 2, 2021 at 10:00 am Eastern Time.

- In order to expedite access to our conference call, each participant will be required to <u>pre-register</u> for the event:
 - Online: http://www.directeventreg.com/registration/event/7287304.
 - Via Phone: 1-888-869-1189 Conference ID 7287304.
- Once the registration is complete, a confirmation will be sent providing the dial in number and both the Direct Event Passcode
 and your unique Registrant ID to join this call. For security reasons, please do not share your information with anyone else.
- Live Audio Webcast: Visit http://www.nutrien.com/investors/events/2021-q3-earnings-conference-call

Appendix A - Selected Additional Financial Data

Selected Retail measures	Three Months Ended Se	eptember 30	Nine Months Ended September 30		
	2021	2020	2021	2020	
Proprietary products margin as a percentage of product line margin (%)					
Crop nutrients	26	33	24	27	
Crop protection products	41	43	41	40	
Seed	48	n/m	45	43	
All products ¹	27	24	27	27	
Crop nutrients sales volumes (tonnes - thousands)					
North America	1,112	1,159	7,729	7,683	
International	898	741	2,833	2,364	
Total	2,010	1,900	10,562	10,047	
Crop nutrients selling price per tonne					
North America	602	413	510	423	
International	585	407	464	356	
Total	595	411	498	407	
Crop nutrients gross margin per tonne					
North America	147	116	127	102	
International	95	61	67	47	
Total	124	94	111	89	
1 Certain immaterial figures have been reclassified for the thre	e months ended September 30, 202	20.			
Financial performance measures				2021	
Retail adjusted EBITDA to sales ("Retail adjusted E	BITDA margin") (%) ¹			11	
Retail adjusted average working capital to sales (%)				12	
Retail adjusted average working capital to sales exc				(1)	

Nutrien Financial net interest margin (%) ^{1, 2}
1 Rolling four quarters ended September 30, 2021.

Retail cash operating coverage ratio (%) 1,2

Retail normalized comparable store sales (%) $^{\mathrm{2}}$

Retail adjusted EBITDA per US selling location (thousands of US dollars) 1,2

 $^{2\,}$ See the "Non-IFRS Financial Measures" section.

Nutrien Financial	As at September 30, 2021						
(millions of US dollars)	Current	<31 days past due	31-90 days past due	>90 days past due	Gross Receivables	Allowance ¹	Net Receivables
North America	2,351	47	36	62	2,496	(28)	2,468
International	258	15	17	64	354	(2)	352
Nutrien Financial receivables	2.609	62	53	126	2.850	(30)	2.820

59

5

6.4

1,362

¹ Bad debt expense on the above receivables for the nine months ended September 30, 2021 was \$9 million (2020 - \$20 million) in the Retail segment.

Selected Nitrogen measures	Three Months Ended Se	eptember 30	Nine Months Ended September 30	
-	2021	2020	2021	2020
Sales volumes (tonnes - thousands)				
Fertilizer	1,320	1,426	4,450	5,010
Industrial and feed	1,201	977	3,440	3,111
Net sales (millions of US dollars)				
Fertilizer	533	280	1,503	1,108
Industrial and feed	440	161	1,025	559
Net selling price per tonne				
Fertilizer	404	196	338	221
Industrial and feed	366	166	298	180

Production measures	Three Months Ended Se	eptember 30	Nine Months Ended September 30		
	2021	2020	2021	2020	
Potash production (Product tonnes - thousands)	3,199	3,430	10,149	9,811	
Potash shutdown weeks ¹	10	4	14	38	
Ammonia production - total ²	1,414	1,413	4,355	4,479	
Ammonia production - adjusted 2, 3	856	1,009	2,863	3,067	
Ammonia operating rate (%) 3	77	91	87	93	
P ₂ O ₅ production (P ₂ O ₅ tonnes - thousands)	384	354	1,109	1,083	
P ₂ O ₅ operating rate (%)	90	83	87	85	

Represents weeks of full production shutdown, excluding the impact of any periods of reduced operating rates and planned routine annual maintenance shutdowns and announced workforce reductions.

2 All figures are provided on a gross production basis in thousands of product tonnes.

3 Excludes Trinidad and Joffre.

Appendix B - Non-IFRS Financial Measures

We use both IFRS and certain non-IFRS financial measures to assess performance. Non-IFRS financial measures are numerical measures of a company's historical or future financial performance, financial position or cash flow that are not specified, defined or determined under IFRS, and are not presented in our interim financial statements. Non-IFRS measures either exclude amounts that are included in, or include amounts that are excluded from, the most directly comparable measure specified, defined or determined in accordance with IFRS. In evaluating these measures, investors should consider that the methodology applied in calculating such measures may differ among companies and analysts.

Management believes the non-IFRS financial measures provide transparent and useful supplemental information to help investors evaluate our financial performance, financial condition and liquidity using the same measures as management. These non-IFRS financial measures should not be considered as a substitute for, or superior to, measures of financial performance prepared in accordance with IFRS.

The following section outlines our non-IFRS financial measures, their definitions, and why management uses each measure. It includes reconciliations to the most directly comparable IFRS measures. Except as otherwise described herein, our non-IFRS financial measures are calculated on a consistent basis from period to period and are adjusted for specific items in each period, as applicable. As non-recurring or unusual items arise, we generally exclude these items in our calculation of the applicable non-IFRS financial measure.

Adjusted EBITDA (Consolidated)

Most directly comparable IFRS financial measure: Net earnings (loss).

Definition: Adjusted EBITDA is calculated as net earnings (loss) before finance costs, income taxes, depreciation and amortization, certain integration and restructuring related costs, share-based compensation, impairment of assets, certain foreign exchange gain/loss (net of related derivatives), COVID-19 related expenses, cloud computing transition adjustment, loss on disposal of business, and net gain on disposal of investment in MOPCO. COVID-19 related expenses primarily consist of increased cleaning and sanitization costs, the purchase of personal protective equipment, discretionary supplemental employee costs and costs related to construction delays from access limitations and other government restrictions. Cloud computing transition adjustment relates to cloud computing costs in prior years that no longer qualify for capitalization based on an agenda decision issued by the IFRS Interpretations Committee in April 2021. In 2021, we amended our calculation of adjusted EBITDA to adjust for the impact of restructuring and related costs and cloud computing transition adjustment. There were no similar expenses in the comparative period.

Why we use the measure and why it is useful to investors: It is not impacted by long-term investment and financing decisions, but rather focuses on the performance of our day-to-day operations. It provides a measure of our ability to service debt and to meet other payment obligations.

	Three Months Ended Se	eptember 30	Nine Months Ended September 30	
(millions of US dollars)	2021	2020	2021	2020
Net earnings (loss)	726	(587)	1,972	143
Finance costs	122	129	367	401
Income tax expense (recovery)	209	(264)	615	(45)
Depreciation and amortization	489	500	1,454	1,490
EBITDA	1,546	(222)	4,408	1,989
Integration and restructuring related costs	8	10	47	38
Share-based compensation expense	64	29	125	9
Impairment of assets	7	823	12	823
COVID-19 related expenses	16	11	34	30
Foreign exchange loss, net of related derivatives	1	13	1	4
Loss on disposal of business	-	6	-	6
Cloud computing transition adjustment	-	-	36	-
Adjusted EBITDA	1,642	670	4,663	2,899

Adjusted EBITDA (Consolidated), Adjusted Net Earnings Per Share and Sustaining Capital Expenditures Guidance

Adjusted EBITDA, adjusted net earnings per share and sustaining capital expenditures guidance are forward-looking non-IFRS financial measures. We do not provide a reconciliation of such forward-looking measures to the most directly comparable financial measures calculated and presented in accordance with IFRS due to unknown variables and the uncertainty related to future results. These unknown variables may include unpredictable transactions of significant value that may be inherently difficult to determine, without unreasonable efforts. Guidance for adjusted EBITDA and adjusted net earnings per share excludes the impacts of integration and restructuring related costs, share-based compensation, certain foreign exchange gain/loss (net of related derivatives), COVID-19 related expenses, and cloud computing transition adjustment. Guidance for sustaining capital expenditures includes anticipated expenditures required to sustain operations at existing levels and includes major repairs and maintenance and plant turnarounds.

Adjusted Net Earnings and Adjusted Net Earnings Per Share

Most directly comparable IFRS financial measure: Net earnings (loss) and net earnings (loss) per share.

Definition: Net earnings (loss) before certain integration and restructuring related costs, share-based compensation, certain foreign exchange gain/loss (net of related derivatives), COVID-19 related expenses (including those recorded under finance costs for managing our liquidity position in response to the COVID-19 pandemic in 2020), cloud computing transition adjustment, loss on disposal of business, net gain on disposal of investment in MOPCO and impairment of assets, net of tax. We generally apply the annual forecasted effective tax rate to our adjustments during the year and, at year-end, we apply the actual effective tax rate. If the effective tax rate is significantly different from our forecasted effective tax rate due to adjustments or discrete tax impacts, we apply a tax rate that excludes those items. For material adjustments, we apply a tax rate specific to the adjustment. In 2021, we amended our calculation of adjusted net earnings to adjust for the impact of restructuring and related costs and cloud computing transition adjustment. There were no similar expenses in the comparative period.

Why we use the measure and why it is useful to investors: Focuses on the performance of our day-to-day operations excluding the effects of non-operating items.

		Three Months Ended September 30, 2021			Nine Months Ended September 30, 2021		
			Per			Per	
(millions of US dollars, except as otherwise	Increases		Diluted	Increases		Diluted	
noted)	(Decreases)	Post-Tax	Share	(Decreases)	Post-Tax	Share	
Net earnings attributable to equity holders of Nutrien		717	1.25		1,952	3.41	
Adjustments:							
Integration and restructuring related costs	8	6	0.01	47	35	0.06	
Share-based compensation expense	64	48	0.09	125	94	0.16	
Impairment of assets	7	5	0.01	12	9	0.02	
COVID-19 related expenses	16	12	0.02	34	26	0.05	
Foreign exchange loss, net of related derivatives	1	1	-	1	1	-	
Cloud computing transition adjustment	-	-	-	36	27	0.05	
Adjusted net earnings		789	1.38	·	2,144	3.75	

Free Cash Flow and Free Cash Flow Including Changes in Non-Cash Operating Working Capital

Most directly comparable IFRS financial measure: Cash from operations before working capital changes.

Definition: Cash from operations before working capital changes less sustaining capital expenditures. We also calculate a similar measure that includes changes in non-cash operating working capital.

Why we use the measure and why it is useful to investors: For evaluation of liquidity and financial strength. These are also useful as indicators of our ability to service debt, meet other payment obligations and make strategic investments. These do not represent residual cash flow available for discretionary expenditures.

	Three Months Ended Se	ptember 30	Nine Months Ended September 30		
(millions of US dollars)	2021	2020	2021	2020	
Cash from operations before working capital changes	1,187	483	3,544	2,145	
Sustaining capital expenditures	(325)	(203)	(793)	(511)	
Free cash flow	862	280	2,751	1,634	
Changes in non-cash operating working capital	(2,752)	(1,168)	(3,295)	(1,600)	
Free cash flow including changes in non-cash operating working capital	(1,890)	(888)	(544)	34	

Potash Cash Cost of Product Manufactured ("COPM")

Most directly comparable IFRS financial measure: Cost of goods sold ("COGS") for the Potash segment.

Definition: Potash COGS for the period excluding depreciation and amortization expense and inventory and other adjustments divided by the production tonnes for the period.

Why we use the measure and why it is useful to investors: To assess operational performance. Potash cash COPM excludes the effects of production from other periods and long-term investment decisions, supporting a focus on the performance of our day-to-day operations.

	Three Months Ended September 30		Nine Months Ended September 3	
(millions of US dollars, except as otherwise noted)	2021	2020	2021	2020
Total COGS - Potash	372	303	980	878
Change in inventory	(58)	4	(42)	(28)
Other adjustments	(1)	=	(7)	(5)
COPM	313	307	931	845
Depreciation and amortization included in COPM	(101)	(124)	(315)	(305)
Cash COPM	212	183	616	540
Production tonnes (tonnes - thousands)	3,199	3,430	10,149	9,811
Potash cash COPM per tonne	66	53	61	55

Ammonia Controllable Cash COPM

Most directly comparable IFRS financial measure: COGS for the Nitrogen segment.

Definition: The total of COGS for the Nitrogen segment excluding depreciation and amortization expense included in COGS, cash COGS for products other than ammonia, other adjustments, and natural gas and steam costs, divided by net ammonia production tonnes.

Why we use the measure and why it is useful to investors: To assess operational performance. Ammonia controllable cash COPM excludes the effects of production from other periods, the costs of natural gas and steam, and long-term investment decisions, supporting a focus on the performance of our day-to-day operations.

	Three Months Ended Sep	ptember 30	Nine Months Ended September 30		
(millions of US dollars, except as otherwise noted)	2021	2020	2021	2020	
Total COGS - Nitrogen	695	482	2,068	1,708	
Depreciation and amortization in COGS	(105)	(113)	(347)	(395)	
Cash COGS for products other than ammonia	(380)	(287)	(1,221)	(1,017)	
Ammonia					
Total cash COGS before other adjustments	210	82	500	296	
Other adjustments ¹	(36)	(11)	(66)	(46)	
Total cash COPM	174	71	434	250	
Natural gas and steam costs	(137)	(45)	(329)	(164)	
Controllable cash COPM	37	26	105	86	
Production tonnes (net tonnes ² - thousands)	706	557	2,011	1,945	
Ammonia controllable cash COPM per tonne	53	47	52	44	

¹ Includes changes in inventory balances and other adjustments.

² Ammonia tonnes available for sale, as not upgraded to other Nitrogen products.

Gross Margin Excluding Depreciation and Amortization Per Tonne - Manufactured

Most directly comparable IFRS financial measure: Gross margin.

Definition: Gross margin from manufactured products per tonne less depreciation and amortization per tonne. Reconciliations are provided in the "Segment Results" section.

Why we use the measure and why it is useful to investors: Focuses on the performance of our day-to-day operations, which excludes the effects of items that primarily reflect the impact of long-term investment and financing decisions.

Retail Adjusted Average Working Capital to Sales and Retail Adjusted Average Working Capital to Sales Excluding Nutrien Financial

Most directly comparable IFRS financial measure: (Current assets minus current liabilities for Retail) divided by Retail sales.

Definition: Retail adjusted average working capital divided by Retail adjusted sales for the last four rolling quarters. We exclude in our calculations the working capital and sales of certain acquisitions during the first year following the acquisition. We amended our calculation to adjust for the sales of certain recently acquired businesses. We also look at this metric excluding the sales and working capital of Nutrien Financial.

Why we use the measure and why it is useful to investors: To evaluate operational efficiency. A lower or higher percentage represents increased or decreased efficiency, respectively. The metric excluding Nutrien Financial shows the impact that the working capital of Nutrien Financial has on the ratio.

	Rolling four quarters ended September 30, 2021					
(millions of US dollars, except as otherwise noted)	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Average/Total	
Working capital	1,157	1,630	1,348	3,883		
Working capital from certain recent acquisitions	-	-	-	-		
Adjusted working capital	1,157	1,630	1,348	3,883	2,005	
Nutrien Financial working capital	(1,392)	(1,221)	(3,072)	(2,820)		
Adjusted working capital excluding Nutrien Financial	(235)	409	(1,724)	1,063	(121)	
Sales	2,618	2,972	7,537	3,347		
Sales from certain recent acquisitions	=	=	-	=		
Adjusted sales	2,618	2,972	7,537	3,347	16,474	
Nutrien Financial revenue	(37)	(25)	(59)	(54)		
Adjusted sales excluding Nutrien Financial	2,581	2,947	7,478	3,293	16,299	

Adjusted average working capital to sales (%)

Adjusted average working capital to sales excluding Nutrien Financial (%)

(1)

Nutrien Financial Net Interest Margin

Most directly comparable IFRS financial measure: Nutrien Financial gross margin divided by average Nutrien Financial receivables.

Definition: Nutrien Financial revenue less deemed interest expense divided by average Nutrien Financial receivables outstanding for the last four rolling quarters.

Why we use the measure and why it is useful to investors: Used by credit rating agencies and other users to evaluate financial performance of Nutrien Financial.

	Rolling four quarters ended September 30, 2021						
(millions of US dollars, except as otherwise noted)	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Total/Average		
Nutrien Financial revenue	37	25	59	54			
Deemed interest expense ¹	(14)	(6)	(8)	(10)			
Net interest	23	19	51	44	137		
Average Nutrien Financial receivables	1,392	1,221	3,072	2,820	2,126		
Nutrien Financial net interest margin (%)					6.4		

¹ Average borrowing rate applied to the notional debt required to fund the portfolio of receivables from customers monitored and serviced by Nutrien Financial.

Retail Cash Operating Coverage Ratio

Most directly comparable IFRS financial measure: Retail operating expenses as a percentage of Retail gross margin.

Definition: Retail operating expenses, excluding depreciation and amortization expense, divided by Retail gross margin excluding depreciation and amortization expense in cost of goods sold, for the last four rolling quarters.

Why we use the measure and why it is useful to investors: To understand the costs and underlying economics of our Retail operations and to assess our Retail operating performance and ability to generate free cash flow.

(millions of US dollars, except as otherwise noted)	Rolling four quarters ended September 30, 2021				
	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Total
Operating expenses ¹	768	721	938	808	3,235
Depreciation and amortization in operating expenses	(177)	(175)	(166)	(180)	(698)
Operating expenses excluding depreciation and amortization	591	546	772	628	2,537
Gross margin	885	652	1,858	917	4,312
Depreciation and amortization in cost of goods sold	3	2	3	2	10
Gross margin excluding depreciation and amortization	888	654	1,861	919	4,322
Cash operating coverage ratio (%)		•		•	59

¹ Includes Retail expenses below gross margin including selling expenses, general and administrative expenses and other (income) expenses.

Retail Adjusted EBITDA per US Selling Location

Most directly comparable IFRS financial measure: Retail US adjusted EBITDA.

Definition: Total Retail US adjusted EBITDA for the last four rolling quarters, adjusted for acquisitions in those quarters, divided by the number of US locations that have generated sales in the last four rolling quarters, adjusted for acquired locations.

Why we use the measure and why it is useful to investors: To assess our US Retail operating performance. This measure includes locations we have owned for more than 12 months.

	Rolling four quarters ended September 30, 2021				
(millions of US dollars, except as otherwise noted)	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Total
Adjusted US EBITDA	177	29	847	146	1,199
Adjustments for acquisitions					(5)
Adjusted US EBITDA adjusted for acquisitions					1,194
Number of US selling locations adjusted for acquisitions					877
Adjusted EBITDA per US selling location (thousands of US dollars)					1,362

Retail Normalized Comparable Store Sales

Most directly comparable IFRS financial measure: Retail sales from comparable base as a component of total Retail sales.

Definition: Prior year comparable store sales adjusted for published potash, nitrogen and phosphate benchmark prices and foreign exchange rates used in the current year. We retain sales of closed locations in the comparable base if the closed location is in close proximity to an existing location, unless we plan to exit the market area or are unable to economically or logistically serve it. We do not adjust for temporary closures, expansions or renovations of stores.

Why we use the measure and why it is useful to investors: To evaluate sales growth by adjusting for fluctuations in commodity prices and foreign exchange rates. Includes locations we have owned for more than 12 months.

	Nine Months Ended September 30
_(millions of US dollars, except as otherwise noted)	2021
Sales from comparable base	
Current period	13,671
Prior period ¹	11,783
Comparable store sales (%)	16
Prior period normalized for benchmark prices and foreign exchange rates ¹	12,988
Normalized comparable store sales (%)	

¹ Restated by \$384 million to reflect the impacts of the Australian livestock export business divestiture and a change in revenue recognition treatment as a result of certain contract term revisions.

Condensed Consolidated Financial Statements

Condensed Consolidated Statements of Earnings (Loss)

		Three Months Ended September 30		Nine Mont	Nine Months Ended September 30	
				Septem		
	Note	2021	2020	2021	2020	
			Note 1		Note 1	
SALES	2	6,024	4,227	20,445	16,856	
Freight, transportation and distribution		220	204	653	653	
Cost of goods sold		3,639	3,004	13,589	12,129	
GROSS MARGIN		2,165	1,019	6,203	4,074	
Selling expenses		749	676	2,287	2,081	
General and administrative expenses		110	107	329	312	
Provincial mining taxes		128	58	293	163	
Share-based compensation expense		64	29	125	9	
Impairment of assets	2	7	823	12	823	
Other expenses	3	50	48	203	187	
EARNINGS (LOSS) BEFORE FINANCE COSTS AND INCO	OME TAXES	1,057	(722)	2,954	499	
Finance costs		122	129	367	401	
EARNINGS (LOSS) BEFORE INCOME TAXES		935	(851)	2,587	98	
Income tax expense (recovery)	4	209	(264)	615	(45)	
NET EARNINGS (LOSS)		726	(587)	1,972	143	
Attributable to						
Equity holders of Nutrien		717	(587)	1,952	143	
Non-controlling interest		9	-	20	-	
NET EARNINGS (LOSS)		726	(587)	1,972	143	
NET EARNINGS (LOSS) PER SHARE ATTRIBUTABLE TO	EQUITY HOLDE	RS OF NUTRIEN	("EPS")			
Basic		1.26	(1.03)	3.42	0.25	
Diluted		1.25	(1.03)	3.41	0.25	
Weighted average shares outstanding for basic EPS		570,627,000	569,146,000	570,216,000	569,818,000	
Weighted average shares outstanding for diluted EPS		572,224,000	569,146,000	571,735,000	569,818,000	

Condensed Consolidated Statements of Comprehensive Income (Loss)

	Three Months September	Nine Months Ended September 30		
(Net of related income taxes)	2021	2020	2021	2020
NET EARNINGS (LOSS)	726	(587)	1,972	143
Other comprehensive (loss) income				
Items that will not be reclassified to net earnings (loss):				
Net actuarial gain on defined benefit plans	-	-	-	3
Net fair value gain (loss) on investments	46	(4)	116	(25)
Items that have been or may be subsequently reclassified to net earnings (loss):				
(Loss) gain on currency translation of foreign operations	(124)	69	(129)	(52)
Other	(1)	6	19	(12)
OTHER COMPREHENSIVE (LOSS) INCOME	(79)	71	6	(86)
COMPREHENSIVE INCOME (LOSS)	647	(516)	1,978	57
Attributable to				
Equity holders of Nutrien	638	(516)	1,959	57
Non-controlling interest	9	=	19	=
COMPREHENSIVE INCOME (LOSS)	647	(516)	1,978	57

Condensed Consolidated Statements of Cash Flows

			Three Months Ended September 30		Ended	
	Note	2021	2020	Septembe 2021	2020	
	110.0		2020		2020	
OPERATING ACTIVITIES						
Net earnings (loss)		726	(587)	1,972	143	
Adjustments for:			,			
Depreciation and amortization		489	500	1,454	1,490	
Share-based compensation expense		64	29	125	9	
Impairment of assets	2	7	823	12	823	
Recovery of deferred income tax		(87)	(161)	(97)	(99)	
Cloud computing transition adjustment	3	•	· -	36	-	
Other long-term assets, liabilities and miscellaneous		(12)	(121)	42	(221)	
Cash from operations before working capital changes		1,187	483	3,544	2,145	
Changes in non-cash operating working capital:						
Receivables		(266)	692	(3,101)	(1,455)	
Inventories		130	407	193	1,153	
Prepaid expenses and other current assets		(133)	(77)	865	936	
Payables and accrued charges		(2,483)	(2,190)	(1,252)	(2,234)	
CASH (USED IN) PROVIDED BY OPERATING ACTIVIT	TES	(1,565)	(685)	249	545	
INVESTING ACTIVITIES		, ,	,			
Capital expenditures ¹		(474)	(285)	(1,215)	(1,014)	
Business acquisitions, net of cash acquired		(30)	(43)	(70)	(216)	
Other		(19)	(28)	(57)	` 21 [°]	
CASH USED IN INVESTING ACTIVITIES		(523)	(356)	(1,342)	(1,209)	
FINANCING ACTIVITIES		` '	,	. , ,		
Transaction costs related to debt		-	-	(7)	(15)	
Proceeds from short-term debt, net		1,040	397	1,037	601	
Proceeds from long-term debt		81	14	89	1,520	
Repayment of long-term debt		-	-	(5)	(507)	
Repayment of principal portion of lease liabilities		(78)	(69)	(242)	(203)	
Dividends paid to Nutrien's shareholders	6	(261)	(257)	(779)	(771)	
Repurchase of common shares	6	(148)	-	(150)	(160)	
Issuance of common shares	-	125	-	188	(100)	
Other		(2)	-	(14)	_	
CASH PROVIDED BY FINANCING ACTIVITIES		757	85	117	465	
EFFECT OF EXCHANGE RATE CHANGES ON CASH /	AND					
CASH EQUIVALENTS	AND	(20)	6	(35)	(7)	
DECREASE IN CASH AND CASH EQUIVALENTS		(1,351)	(950)	(1,011)	(206)	
CASH AND CASH EQUIVALENTS - BEGINNING OF P	ERIOD	1,794	1,415	1,454	671	
CASH AND CASH EQUIVALENTS - END OF PERIOD		443	465	443	465	
Cash and cash equivalents comprised of:						
Cash		315	328	315	328	
Short-term investments		128	137	128	137	
		443	465	443	465	
SUPPLEMENTAL CASH FLOWS INFORMATION						
		0.4	0.5	240	334	
Interest paid		81	85	319	JJ-+	
Interest paid Income taxes paid		81 212	85 27	319 356	92	

¹ Includes additions to property, plant and equipment and intangible assets for the three months ended September 30, 2021 of \$445 and \$29 (2020 - \$266 and \$19), respectively, and for the nine months ended September 30, 2021 of \$1,148 and \$67 (2020 - \$927 and \$87), respectively.

(See Notes to the Condensed Consolidated Financial Statements)

Condensed Consolidated Statements of Changes in Shareholders' Equity

Accumulated Other Comprehensive (Loss) Income ("AOCI") Net Actuarial Loss on Equity Net Fair Value Gain on Currency Holders Non-Number of (Loss) Gain Defined Translation of Controlling Common Share Contributed Benefit of Foreign Total Retained Nutrien Interest Total on **Shares** Plans 1 **AOCI** Capital Surplus Investments Operations Other Earnings (Note 1) (Note 1) Equity BALANCE - DECEMBER 31, 2019 15,771 (251)572,942,809 248 (29)(18)7,101 22,869 38 22,907 (204)Net earnings 143 143 143 Other comprehensive (loss) income (25)3 (86)(86)(52)(12)(86)(105)(160)(160)Shares repurchased (Note 6) (3,832,580)(55)Dividends declared (770)(770)(770)Effect of share-based compensation including issuance of common shares 35,706 1 10 11 11 Transfer of net loss on cash flow hedges 13 13 13 13 Transfer of net actuarial gain on defined benefit plans (3)(3)3 BALANCE - SEPTEMBER 30, 2020 38 569.145.935 15,667 203 (54)(256)(17)(327)6.477 22.020 22,058 BALANCE - DECEMBER 31, 2020 569,260,406 15,673 205 (36)(62)(21)(119)6,606 22,365 38 22,403 Net earnings 1,952 1,952 20 1,972 Other comprehensive income (loss) 116 (128)19 7 7 (1) 6 (150)(150)Shares repurchased (Note 6) (2,460,097)(68)(46)(36)Dividends declared (786)(786)(786)Non-controlling interest transactions (1) (1) (14)(15)Effect of share-based compensation including 213 (12)201 201 issuance of common shares 4,166,620 Transfer of net gain on (10)(10)cash flow hedges (10)(10)Share cancellation (Note 6) (210, 173)

147

15,818

(See Notes to the Condensed Consolidated Financial Statements)

570,756,756

BALANCE - SEPTEMBER 30, 2021

80

(190)

(12)

(122)

7,735

23,578

43

23,621

¹ Any amounts incurred during a period were transferred to retained earnings at each period-end. Therefore, no balance exists at the beginning or end of period.

Condensed Consolidated Balance Sheets

LIABILITIES Current liabilities 1,255 1,644 Short-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 1,523 1,575 Other non-current liabilities 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477		September 30		December 31	
ASSETS Current assets Cash and cash equivalents 443 465 Receivables 6,911 5,087 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 5,000 1,000 6,554 6,500 1,000 6,554 6,500 1,000 6,554 6,500 1,000 6,554 6,500 1,000 6,554 6,554 6,550 6,554 6,55	As at	Note	2021	2020	2020
Current assets				Note 1	Note 1
Cash and cash equivalents 443 465 Receivables 6,911 5,087 Inventories 4,674 3,829 Prepaid expenses and other current assets 12,682 9,881 Non-current assets 12,682 9,881 Non-current assets 19,704 19,308 Goodwill 12,220 12,179 Other intangible assets 2,349 2,352 Investments 682 809 Other assets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES Current liabilities Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 4 3,043 3,053 Pension and other po	ASSETS				
Receivables 6,911 5,087 Inventories 4,674 3,829 Prepaid expenses and other current assets 12,682 9,881 Non-current assets 12,682 9,881 Non-current assets 19,704 19,308 Goodwill 12,220 12,179 Other intangible assets 2,349 2,352 Investments 682 809 Other sasets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES 5 1,644 Current liabilities 8 2 Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 8,512 7,113 Non-current liabilities 8,512 7,113 Non-current liabilities 896 847 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 4	Current assets				
Inventories	Cash and cash equivalents		443	465	1,454
Prepaid expenses and other current assets 654 500 Non-current assets 12,682 9,881 Non-current assets 19,704 19,308 Property, plant and equipment 19,704 19,308 Goodwill 12,220 12,179 Other intangible assets 2,349 2,352 Investments 682 809 Other assets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES 2 45,271 Current liabilities 281 230 Short-term debt 46 - Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current liabilities 896 847 Long-term debt 10,094 10,041 Lease liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities	Receivables		6,911	5,087	3,626
Non-current assets 12,682 9,881	Inventories		4,674	3,829	4,930
Non-current assets	Prepaid expenses and other current assets		654	500	1,460
Property, plant and equipment 19,704 19,308 Goodwill 12,220 12,179 Other intangible assets 2,349 2,352 Investments 682 809 Other assets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES Current liabilities Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current liabilities 10,094 10,041 Lease liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 24,695 23,213 TOTAL LIABILITIES			12,682	9,881	11,470
Coodwill 12,220 12,179 12,179 12,179 12,179 12,134 12,349 2,352 12,179	Non-current assets				
Other intangible assets 2,349 2,352 Investments 682 809 Other assets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES Current liabilities Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Payables and accrued charges 6,930 5,239 Non-current liabilities 8512 7,113 Non-current benefit liabilities 886 847 Lease liabilities 886 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SH	Property, plant and equipment		19,704	19,308	19,660
Investments	Goodwill		12,220	12,179	12,198
Other assets 679 742 TOTAL ASSETS 48,316 45,271 LIABILITIES Current liabilities Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss 7,735 6,477 </td <td>Other intangible assets</td> <td></td> <td>2,349</td> <td>2,352</td> <td>2,388</td>	Other intangible assets		2,349	2,352	2,388
TOTAL ASSETS 48,316 45,271 LIABILITIES Current liabilities Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current liabilities 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) <t< td=""><td>Investments</td><td></td><td>682</td><td>809</td><td>562</td></t<>	Investments		682	809	562
LIABILITIES Current liabilities 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 1,523 1,575 Other non-current liabilities 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Other assets		679	742	914
Current liabilities	TOTAL ASSETS		48,316	45,271	47,192
Short-term debt 1,255 1,644 Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	LIABILITIES				
Current portion of long-term debt 46 - Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current liabilities 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Current liabilities				
Current portion of lease liabilities 281 230 Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Short-term debt		1,255	1,644	159
Payables and accrued charges 6,930 5,239 Non-current liabilities 8,512 7,113 Non-current debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Current portion of long-term debt		46	-	14
Non-current liabilities Long-term debt 10,094 10,041 Lease liabilities 896 847	Current portion of lease liabilities		281	230	249
Non-current liabilities	Payables and accrued charges		6,930	5,239	8,058
Long-term debt 10,094 10,041 Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	-		8,512	7,113	8,480
Lease liabilities 896 847 Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Non-current liabilities				
Deferred income tax liabilities 4 3,043 3,053 Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Long-term debt		10,094	10,041	10,047
Pension and other post-retirement benefit liabilities 451 446 Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY 5 5 Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Lease liabilities		896	847	891
Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Deferred income tax liabilities	4	3,043	3,053	3,149
Asset retirement obligations and accrued environmental costs 1,523 1,575 Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Pension and other post-retirement benefit liabilities		451	446	454
Other non-current liabilities 176 138 TOTAL LIABILITIES 24,695 23,213 SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477		costs	1,523	1,575	1,597
SHAREHOLDERS' EQUITY Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477			176	138	171
Share capital 6 15,818 15,667 Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	TOTAL LIABILITIES		24,695	23,213	24,789
Contributed surplus 147 203 Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	SHAREHOLDERS' EQUITY				
Accumulated other comprehensive loss (122) (327) Retained earnings 7,735 6,477	Share capital	6	15,818	15,667	15,673
Retained earnings 7,735 6,477	Contributed surplus		147	203	205
Retained earnings 7,735 6,477	Accumulated other comprehensive loss		(122)	(327)	(119)
				6,477	6,606
			23,578	22,020	22,365
Non-controlling interest 43 38				38	38
			23,621	22,058	22,403
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY 48,316 45,271	TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY		•		47,192

(See Notes to the Condensed Consolidated Financial Statements)

Notes to the Condensed Consolidated Financial Statements As at and for the Three and Nine Months Ended September 30, 2021

NOTE 1 BASIS OF PRESENTATION

Nutrien Ltd. (collectively with its subsidiaries, known as "Nutrien", "we", "us", "our" or "the Company") is the world's largest provider of crop inputs and services. Nutrien plays a critical role in helping growers around the globe increase food production in a sustainable manner.

These unaudited interim condensed consolidated financial statements ("interim financial statements") are based on International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board and have been prepared in accordance with International Accounting Standard 34, "Interim Financial Reporting". The accounting policies and methods of computation used in preparing these interim financial statements are consistent with those used in the preparation of our 2020 annual consolidated financial statements except as disclosed in Note 3. These interim financial statements include the accounts of Nutrien and its subsidiaries; however, they do not include all disclosures normally provided in annual consolidated financial statements and should be read in conjunction with our 2020 annual consolidated financial statements.

Certain immaterial 2020 figures have been reclassified in the condensed consolidated statements of earnings, condensed consolidated statements of changes in shareholders' equity, condensed consolidated balance sheets and segment information.

In management's opinion, the interim financial statements include all adjustments necessary to fairly present such information in all material respects. Interim results are not necessarily indicative of the results expected for any other interim period or the fiscal year.

We prepare our interim financial statements in accordance with IFRS, which requires us to make judgments, assumptions and estimates in applying accounting policies. We have assessed our accounting estimates and other matters that require the use of forecasted financial information for the impacts arising from the novel coronavirus ("COVID-19") pandemic. The future assessment of these estimates, including expectations about the severity, duration and scope of the COVID-19 pandemic, could differ materially in future reporting periods. As a result of the COVID-19 pandemic, we incurred directly attributable and incremental COVID-19 related expenses in other expenses (Note 3).

These interim financial statements were authorized by the audit committee of the Board of Directors for issue on November 1, 2021.

NOTE 2 SEGMENT INFORMATION

The Company has four reportable operating segments: Nutrien Ag Solutions ("Retail"), Potash, Nitrogen and Phosphate. The Retail segment distributes crop nutrients, crop protection products, seed and merchandise, and it provides services directly to growers through a network of farm centers in North America, South America and Australia. The Potash, Nitrogen and Phosphate segments are differentiated by the chemical nutrient contained in the products that each produce.

Adjusted EBITDA

Assets - at September 30, 2021

Three Months Ended September 30, 2021 Corporate Retail **Potash** Nitrogen **Phosphate** and Others **Eliminations** Consolidated Sales - third party 3,336 1,188 1,037 6,024 463 107 162 39 intersegment 11 (319)Sales total 3,347 1,295 1,199 502 (319)6,024 Freight, transportation and distribution 107 98 54 (39)220 Net sales 3,347 1,188 1,101 448 (280)5,804 2,430 340 Cost of goods sold 372 695 (198)3,639 Gross margin 917 816 406 108 (82)2,165 Selling expenses 746 3 7 2 (9) 749 3 110 General and administrative expenses 45 1 3 58 Provincial mining taxes 128 128 Share-based compensation expense 64 64 Impairment of assets 7 7 7 Other expenses (income) 17 7 (11)30 50 Earnings (loss) before finance costs and 109 670 407 96 (143)(82)1,057 income taxes Depreciation and amortization 182 131 125 39 12 489 EBITDA 1 291 801 532 135 (131)(82) 1,546 Integration and restructuring related costs 8 8 Share-based compensation expense 64 64 Impairment of assets 7 7 COVID-19 related expenses 16 16 Foreign exchange loss, net of related derivatives

532

10,464

135

1,503

(42)

3,094

(82)

(546)

1,642

48,316

291

21,389

808

12,412

_	Three Months Ended September 30, 2020						
	Corporate						_
	Retail	Potash	Nitrogen	Phosphate	and Others	Eliminations	Consolidated
Sales – third party	2,734	634	524	312	23	-	4,227
intersegment	8	63	103	40	=	(214)	=
Sales - total	2,742	697	627	352	23	(214)	4,227
Freight, transportation and distribution	-	106	87	60	=	(49)	204
Net sales	2,742	591	540	292	23	(165)	4,023
Cost of goods sold	2,059	303	482	293	20	(153)	3,004
Gross margin	683	288	58	(1)	3	(12)	1,019
Selling expenses	669	3	7	1	(4)	-	676
General and administrative expenses	34	2	3	2	66	-	107
Provincial mining taxes	-	58	=	-	-	-	58
Share-based compensation expense	-	-	=	-	29	-	29
Impairment of assets	-	22	27	769	5	-	823
Other (income) expenses	(12)	(1)	(16)	10	67	-	48
(Loss) earnings before finance costs and							
income taxes	(8)	204	37	(783)	(160)	(12)	(722)
Depreciation and amortization	170	124	131	60	15	-	500
EBITDA	162	328	168	(723)	(145)	(12)	(222)
Integration and restructuring related costs	-	-	-	-	10	-	10
Share-based compensation expense	-	-	-	-	29	-	29
Impairment of assets	-	22	27	769	5	-	823
COVID-19 related expenses	-	-	-	-	11	-	11
Foreign exchange loss, net of related derivatives	-	_	_	_	13	_	13
Loss on disposal of business	_	-	-	_	6	-	6
Adjusted EBITDA	162	350	195	46	(71)	(12)	670
Assets – at December 31, 2020 ¹	20,526	11,707	10,077	1,388	3,917	(423)	47,192

¹ In 2021, certain assets related to transportation, distribution and logistics were reclassified under Corporate and Others as these are centrally managed. Comparative figures have been restated to reflect this change. Depreciation expense related to these assets are allocated to the rest of the segments based on usage.

¹ EBITDA is calculated as net earnings (loss) before finance costs, income taxes, and depreciation and amortization.

Assets – at September 30, 2021

	Nine Months Ended September 30, 2021							
	Corporate							
	Retail	Potash	Nitrogen	Phosphate	and Others	Eliminations	Consolidated	
Sales – third party	13,818	2,663	2,740	1,224	-	-	20,445	
intersegment	38	258	629	171	-	(1,096)	-	
Sales - total	13,856	2,921	3,369	1,395	-	(1,096)	20,445	
Freight, transportation and distribution	-	305	329	159	-	(140)	653	
Net sales	13,856	2,616	3,040	1,236	-	(956)	19,792	
Cost of goods sold	10,429	980	2,068	978	-	(866)	13,589	
Gross margin	3,427	1,636	972	258	-	(90)	6,203	
Selling expenses	2,276	8	22	5	(24)	-	2,287	
General and administrative expenses	125	6	8	8	182	-	329	
Provincial mining taxes	-	293	-	-	-	-	293	
Share-based compensation expense	-	-	-	-	125	-	125	
Impairment of assets	-	7	5	-	-	-	12	
Other expenses (income)	66	19	(36)	13	141	-	203	
Earnings (loss) before finance costs and								
income taxes	960	1,303	973	232	(424)	(90)	2,954	
Depreciation and amortization	528	371	409	112	34	-	1,454	
EBITDA	1,488	1,674	1,382	344	(390)	(90)	4,408	
Integration and restructuring related costs	8	-	-	-	39	-	47	
Share-based compensation expense	-	-	-	-	125	-	125	
Impairment of assets	-	7	5	-	-	-	12	
COVID-19 related expenses	-	-	-	-	34	-	34	
Foreign exchange loss, net of								
related derivatives	-	-	-	-	1	-	1	
Cloud computing transition adjustment	1	2	-	-	33	-	36	
Adjusted EBITDA	1,497	1,683	1,387	344	(158)	(90)	4,663	
A	04.000	40.440	40.404	1.500	0.004	(5.40)	40.040	

10,464

1,503

3,094

(546)

48,316

21,389

12,412

	Nine Months Ended September 30, 2020							
		Corporate						
	Retail	Potash	Nitrogen	Phosphate	and Others	Eliminations	Consolidated	
Sales – third party	12,140	1,798	1,925	923	70	-	16,856	
intersegment	27	191	481	146	-	(845)	-	
Sales – total	12,167	1,989	2,406	1,069	70	(845)	16,856	
Freight, transportation and distribution	-	293	335	187	-	(162)	653	
Net sales	12,167	1,696	2,071	882	70	(683)	16,203	
Cost of goods sold	9,316	878	1,708	862	63	(698)	12,129	
Gross margin	2,851	818	363	20	7	15	4,074	
Selling expenses	2,068	7	19	4	(17)	-	2,081	
General and administrative expenses	102	5	7	7	191	-	312	
Provincial mining taxes	-	161	1	-	1	-	163	
Share-based compensation expense	-	-	-	-	9	-	9	
Impairment of assets	-	22	27	769	5	-	823	
Other expenses (income)	36	4	(25)	19	153	-	187	
Earnings (loss) before finance costs and								
income taxes	645	619	334	(779)	(335)	15	499	
Depreciation and amortization	488	329	453	179	41	-	1,490	
EBITDA	1,133	948	787	(600)	(294)	15	1,989	
Integration and restructuring related costs	-	-	-	=	38	-	38	
Share-based compensation expense	-	-	-	-	9	-	9	
Impairment of assets	-	22	27	769	5	-	823	
COVID-19 related expenses	-	-	-	-	30	-	30	
Foreign exchange loss, net of								
related derivatives	-	-	-	-	4	-	4	
Loss on disposal of business	-	-	-	-	6	-	6	
Adjusted EBITDA	1,133	970	814	169	(202)	15	2,899	
Assets – at December 31, 2020	20,526	11,707	10,077	1,388	3,917	(423)	47,192	

During the three and nine months ended September 30, 2020, we recorded an impairment to our property, plant and equipment of \$545 and \$215 at our Aurora and White Springs cash-generating units ("CGUs"), respectively, due to lower long-term forecasted global phosphate prices. The Aurora CGU recoverable value was based on fair value less costs of disposal (a level 3 measurement) using after-tax discounted cash flows (using a five-year projection and a terminal year thereafter to the expected mine life), while the White Springs CGU recoverable value was based on value in use using pre-tax discounted cash flows until the end of the mine life. For additional information relating to the impairment see Note 13 of the 2020 annual consolidated financial statements.

During the nine months ended September 30, 2021, we recorded 12 (2020 - 63) of impairment losses relating to other non-current assets.

Presented below is revenue from contracts with customers disaggregated by product line or geographic location for each reportable segment.

	Three Months	Three Months Ended		Nine Months Ended	
	September	r 30	Septembe	r 30	
	2021	2020	2021	2020	
Retail sales by product line					
Crop nutrients	1,194	780	5,255	4,092	
Crop protection products	1,469	1,328	5,220	4,774	
Seed	140	103	1,819	1,638	
Merchandise	265	234	763	703	
Nutrien Financial	54	36	138	92	
Services and other	276	296	784	951	
Nutrien Financial elimination ¹	(51)	(35)	(123)	(83	
	3,347	2,742	13,856	12,167	
Potash sales by geography					
Manufactured product					
North America	590	358	1,446	1,002	
Offshore ²	705	339	1,475	987	
	1,295	697	2,921	1,989	
Nitrogen sales by product line					
Manufactured product					
Ammonia	401	129	994	576	
Urea	339	214	985	780	
Solutions, nitrates and sulfates	326	177	852	606	
Other nitrogen and purchased products	133	107	538	444	
	1,199	627	3,369	2,406	
Phosphate sales by product line					
Manufactured product					
Fertilizer	306	216	836	622	
Industrial and feed	146	105	405	342	
Other phosphate and purchased products	50	31	154	105	
	502	352	1,395	1,069	

¹ Represents elimination for the interest and service fees charged by Nutrien Financial to Retail branches.

² Relates to Canpotex Limited ("Canpotex") (Note 8).

NOTE 3 OTHER EXPENSES (INCOME)

		Three Months Ended September 30		Ended 30
	2021	2020	2021	2020
Integration and restructuring related costs	8	10	47	38
Foreign exchange loss, net of related derivatives	1	14	4	1
Earnings of equity-accounted investees	(21)	(23)	(43)	(46)
Bad debt expense (recovery)	7	(18)	22	9
COVID-19 related expenses	16	11	34	30
Loss on disposal of business	-	6	-	6
Cloud computing transition adjustment	-	-	36	-
Other expenses	39	48	103	149
	50	48	203	187

In the second quarter of 2021, the IFRS Interpretations Committee published a final agenda decision clarifying how to recognize certain configuration and customization expenditures related to cloud computing with retrospective application. Costs that do not meet the capitalization criteria should be expensed as incurred. We changed our accounting policy to align with the interpretation and previously capitalized costs that no longer qualify for capitalization were expensed in the current period since they were not material.

NOTE 4 INCOME TAXES

A separate estimated average annual effective income tax rate was determined for each taxing jurisdiction and applied individually to the interim period pre-tax earnings for each jurisdiction.

	Three Months Ended		Nine Months Ended	
	September	30	September 30	
	2021	2020	2021	2020
Income tax expense (recovery)	209	(264)	615	(45)
Actual effective tax rate on earnings (loss) (%)	23	26	24	14
Actual effective tax rate including discrete items (%)	22	31	24	(47)
Discrete tax adjustments that impacted the tax rate	(10)	(48)	(13)	(59)

Income tax balances within the condensed consolidated balance sheets were comprised of the following:

Income Tax Assets and Liabilities	Balance Sheet Location	As at September 30, 2021	As at December 31, 2020
Income tax assets			
Current	Receivables	343	83
Non-current	Other assets	88	305
Deferred income tax assets	Other assets	233	242
Total income tax assets		664	630
Income tax liabilities			
Current	Payables and accrued charges	418	48
Non-current	Other non-current liabilities	43	40
Deferred income tax liabilities	Deferred income tax liabilities	3,043	3,149
Total income tax liabilities		3,504	3,237

NOTE 5 FINANCIAL INSTRUMENTS

Fair Value

Estimated fair values for financial instruments are designed to approximate amounts for which the instruments could be exchanged in a current arm's-length transaction between knowledgeable, willing parties. The valuation policies and procedures for financial reporting purposes are determined by our finance department. There have been no changes to our valuation methods presented in Note 10 of the 2020 annual consolidated financial statements and those valuation methods have been applied in these interim financial statements.

The following table presents our fair value hierarchy for financial instruments carried at fair value on a recurring basis or measured at amortized cost:

	September 30, 2021				December 31, 2020		
	Carrying				Carrying		
Financial assets (liabilities) measured at	Amount	Level 1 1	Level 2 1	Level 3	Amount	Level 1 1	Level 2 1
Fair value on a recurring basis							
Cash and cash equivalents	443	-	443	-	1,454	-	1,454
Derivative instrument assets	29	-	29	-	45	-	45
Other current financial assets - marketable securities ²	226	32	194	-	161	24	137
Investments at FVTOCI 3	279	269	-	10	153	153	-
Derivative instrument liabilities	(23)	-	(23)	-	(48)	-	(48)
Amortized cost							
Current portion of long-term debt							
Fixed and floating rate debt	(46)	-	(46)	-	(14)	-	(14)
Long-term debt							
Notes and debentures	(9,984)	(5,368)	(6,059)	-	(9,994)	(3,801)	(7,955)
Fixed and floating rate debt	(110)		(110)		(53)		(53)

¹ During the periods ended September 30, 2021 and December 31, 2020, there were no transfers between Level 1 and Level 2 for financial instruments measured at fair value on a recurring basis.

NOTE 6 SHARE CAPITAL

Share repurchase programs

			Maximum	Maximum	Number of
	Commencement		Shares for	Shares for	Shares
	Date	Expiry	Repurchase	Repurchase (%)	Repurchased
2019 Normal Course Issuer Bid	February 27, 2019	February 26, 2020	42,164,420	7	33,256,668
2020 Normal Course Issuer Bid	February 27, 2020	February 26, 2021	28,572,458	5	710,100
2021 Normal Course Issuer Bid ¹	March 1, 2021	February 28, 2022	28,468,448	5	2,460,097

¹ The 2021 normal course issuer bid will expire earlier than the date above if we acquire the maximum number of common shares allowable or otherwise decide not to make any further repurchases.

Purchases under the normal course issuer bids were, or may be, made through open market purchases at market prices as well as by other means permitted by applicable securities regulatory authorities, including private agreements.

² Marketable securities consist of equity and fixed income securities. We determine the fair value of equity securities based on the bid price of identical instruments in active markets. We value fixed income securities using quoted prices of instruments with similar terms and credit risk.

³ Investments at fair value through other comprehensive income ("FVTOCI") is primarily comprised of shares in Sinofert Holdings Ltd.

The following table summarizes our share repurchase activities during the period:

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Number of common shares repurchased for cancellation	2,427,369	-	2,460,097	3,832,580
Average price per share (US dollars)	61.18	-	61.07	41.96
Total cost	148	_	150	160

Dividends declared

We declared a dividend per share of \$0.46 (2020 – \$0.45) during the three months ended September 30, 2021, payable on October 15, 2021 to shareholders of record on September 30, 2021 and total dividends of \$1.38 (2020 – \$1.35) during the nine months ended September 30, 2021.

Share cancellation

Effective September 1, 2021, we cancelled 210,173 shares due to the expiration of the period when legacy companies' (Potash Corporation of Saskatchewan Inc. and Agrium Inc.) shares could be exchanged under the plan of arrangement, wherein Nutrien became the parent company of the legacy companies.

NOTE 7 SEASONALITY

Seasonality in our business results from increased demand for products during planting season. Crop input sales are generally higher in spring and fall application seasons. Crop nutrient inventories are normally accumulated leading up to each application season. The results of this seasonality have a corresponding effect on receivables from customers and rebates receivables, inventories, prepaid expenses and other current assets and trade payables. Our short-term debt also fluctuates during the year to meet working capital needs. Our cash collections generally occur after the application season is complete, while customer prepayments made to us are typically concentrated in December and January and inventory prepayments paid to our suppliers are typically concentrated in the period from November to January. Feed and industrial sales are more evenly distributed throughout the year.

NOTE 8 RELATED PARTY TRANSACTIONS

We sell potash outside Canada and the United States exclusively through Canpotex. Canpotex sells potash to buyers in export markets pursuant to term and spot contracts at agreed upon prices. Our revenue is recognized at the amount received from Canpotex representing proceeds from their sale of potash, less net costs of Canpotex. Sales to Canpotex are shown in Note 2.

As at	September 30, 2021	December 31, 2020
Receivables from Canpotex	593	122