

**Analyst**

Jonathan Snape 613 9235 1601

**Authorisation**

Michael Ardrey 613 9256 8782

# GrainCorp Ltd (GNC)

## Seasonal drivers and oilseeds

**Recommendation**

**Buy** (unchanged)

**Price**

**\$6.92**

**Target (12 months)**

**\$9.45** (unchanged)

**GICS Sector**

**Food Beverage and Tobacco**

**Expected Return**

Capital growth	<b>36.6%</b>
Dividend yield	<b>5.9%</b>
Total expected return	<b>42.5%</b>

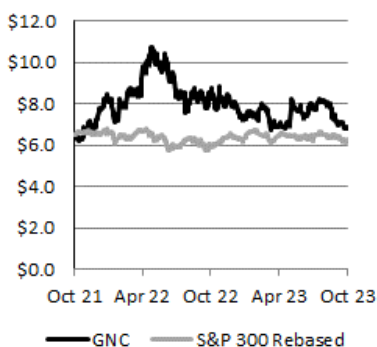
**Company Data & Ratios**

Enterprise value	<b>\$2,647m</b>
Market cap	<b>\$1,552m</b>
Issued capital	<b>224.3m</b>
Free float	<b>100%</b>
Avg. daily val. (52wk)	<b>\$8.1m</b>
12 month price range	<b>\$6.68-9.095</b>

**Price Performance**

	(1m)	(3m)	(12m)
Price (A\$)	7.29	7.82	8.58
Absolute (%)	-5.62	-12.02	-19.81
Rel market (%)	-2.41	-8.79	-22.46

**Absolute Price**



SOURCE: IRESS

**Oilseeds, basis and crops**

In this note we review the most recent indicators for GNC near term and the attractiveness of expanding oilseed crush capacity in the medium term in light of through the cycle canola acreage and production expansion. Key points:

**Near term drivers:** Soil moisture and three-month rainfall outlooks remain below average. However, the CSIRO wheatcast model continues to project wheat yields in NSW (+10%) and VIC (+14%) above the 15yr average. Wheat basis has contracted, though is still in a stronger position (from a GNC perspective) than in FY18 and oilseed crush margins remain elevated by historical levels and at levels that would imply an FY24e outcome broadly consistent with the FY22-23e average.

**Oilseed investments:** Recently Cargill announced a A\$70-75m investment to add ~100kt of capacity across three sites and GNC announced it has commenced evaluating the case for new crush capacity. When viewed in the context of a +25% uplift in canola acreage over the last decade and +74% growth in canola production (on a R5Y through the cycle basis) resulting in a growing exportable surplus we would expect any investment in new capacity is likely to be reasonably attractive from an earnings stand point.

We have reviewed our forecasts in light of recent movements in grain basis and oilseed crush margins, this results in EPS changes of -3% in FY24e and +4% in FY25e. Our FY25e forecasts have down risked canola crush margins from implied FY25e futures levels. Our target price is unchanged at \$9.45ps

**Investment view: Buy the dry**

Our Buy rating is unchanged. When we consider the uplift in baseline PBTDA and improved corporate net cash position GNC is already trading at levels consistent with the previous seasonal lows. Trading at 5.5-6.2x through the cycle PBTDA, valuation is undemanding, with multiples likely to contract further as cash is released in lower crop volume years (i.e. unrealised trading cash earnings and lower working capital).

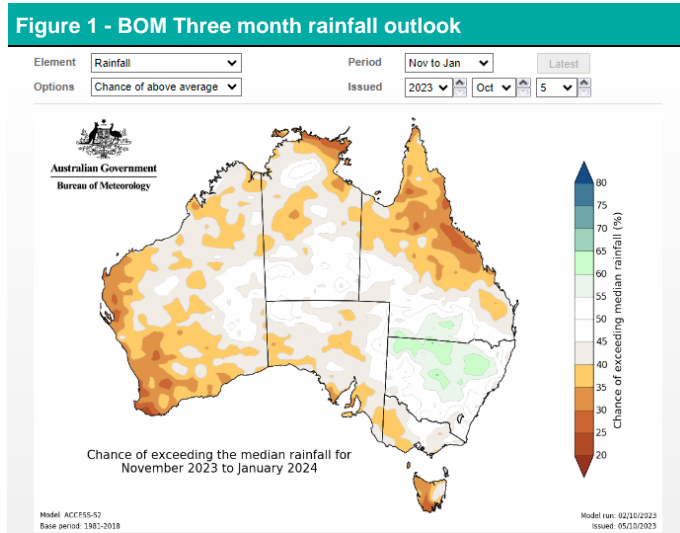
**Earnings Forecast**

Year end September	2022	2023e	2024e	2025e
Sales (A\$m)	7,868.3	8,127.2	6,845.6	7,436.6
EBITDA (A\$m)	703.4	559.3	334.2	310.7
NPAT (reported) (A\$m)	380.4	256.9	107.7	91.6
NPAT (adjusted) (A\$m)	380.4	256.9	107.7	91.6
EPS (adjusted) (cps)	168.1	114.7	48.0	40.9
EPS growth (%)	176.2	(31.8)	(58.1)	(14.9)
PER (x)	4.1	6.0	14.4	16.9
FCF Yield (%)	16.1	7.8	12.5	5.2
EV/PBTDA (x)	2.1	2.9	5.2	5.7
Dividend (eps)	54.0	41.0	22.0	18.0
Yield (%)	7.8	5.9	3.2	2.6
Franking (%)	100.0	100.0	100.0	100.0
ROE (%)	26.2	15.9	6.4	5.3

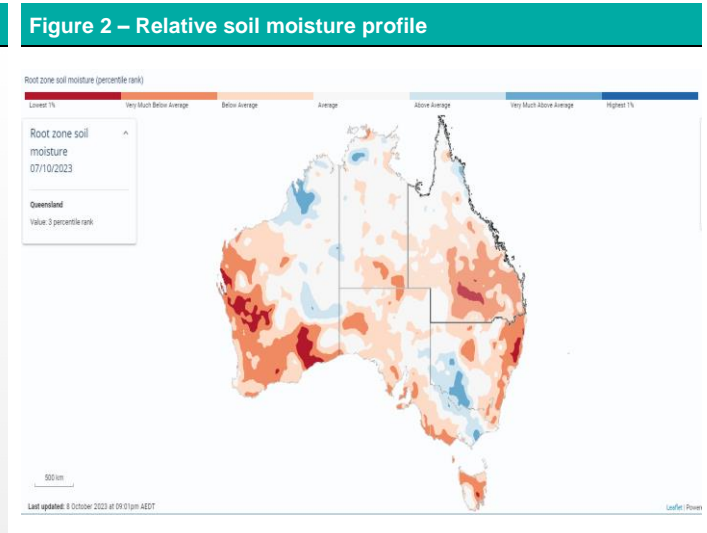
SOURCE: BELL POTTER SECURITIES ESTIMATES

# Seasonal drivers

**Seasonal conditions:** Soil moisture profiles remain below average and well below levels seen a year ago. Three-month outlooks, while below average have in general improved relative to our last update despite the onset of El Nino. Despite drier conditions we note that CSIRO's wheatcast model continues to project wheat yield +10% above the 15yr average in NSW, +14% ahead of the average in VIC and -11% in QLD. The NSW yield forecast is the only one at this point deviating from the Sep'23 ABARE forecasts, which is weaker than the wheatcast model.

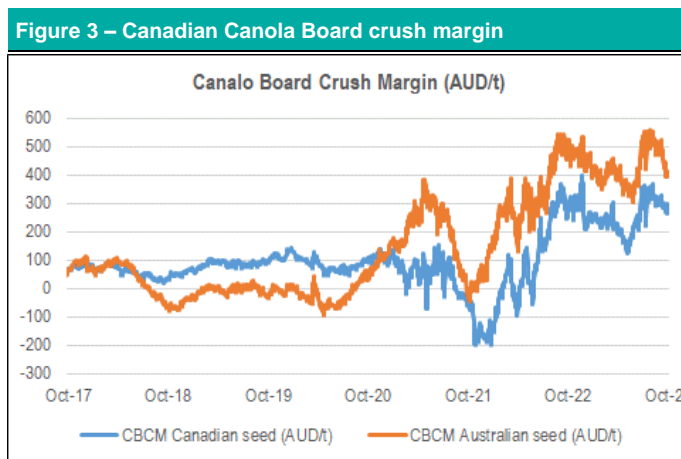


SOURCE: BOM

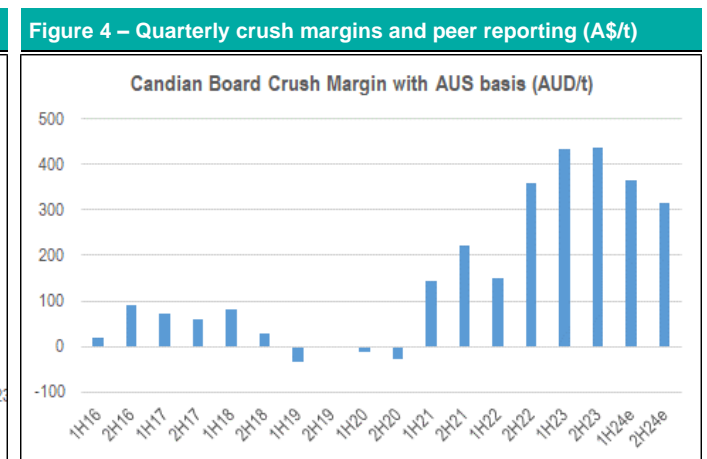


SOURCE: BOM

**Crush margins:** Oilseed crush margins have weakened in recent months on lower oil and meal prices, which have not been matched in their entirety by lower seed pricing. Despite the recent contraction, crush margins remain at historically high levels and with oilseed production volumes expected to exceed installed industry crush capacity we would anticipate another strong contribution from the oilseeds business in FY24e.

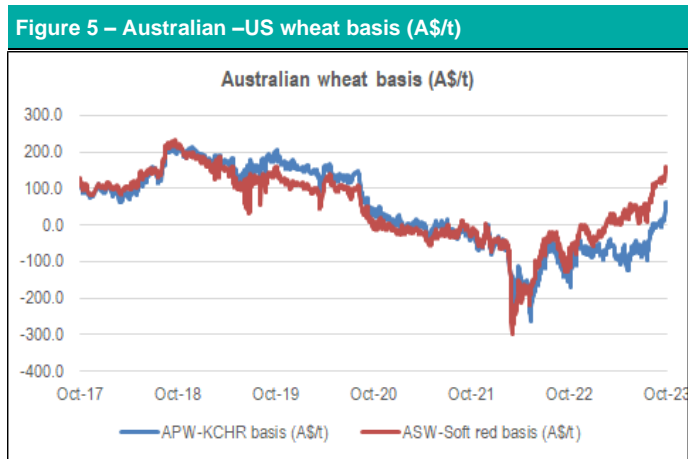


SOURCE: GLOBAL TRADE DATA AND BLOOMBERG DATA

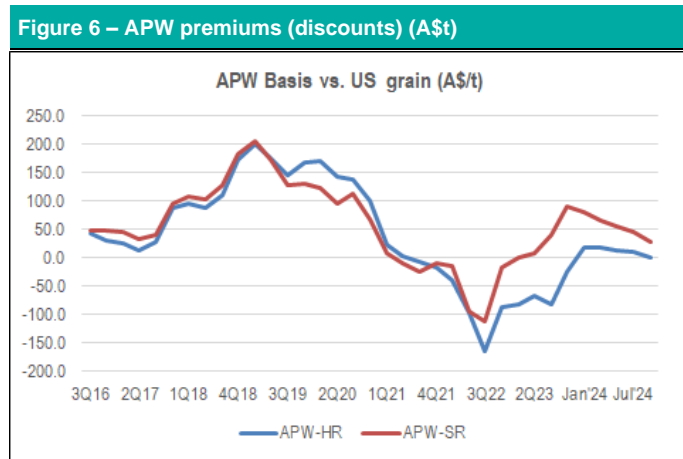


SOURCE: BASED ON BLOOMBERG, CM AND ICE DATA

**Wheat basis:** There has been a material compression in wheat basis in recent weeks, particularly in lower protein grades. Futures pricing for east coast grain is below spot values and implies a lower level of implied basis for FY24-25e than spot outcomes and at a level from a historical point of view that would still be favourable relative to FY18-20 levels. Our FY24-25e GNC forecasts imply a material downward correction in PBTDA trading margins towards levels we estimate were generated in FY18-19.

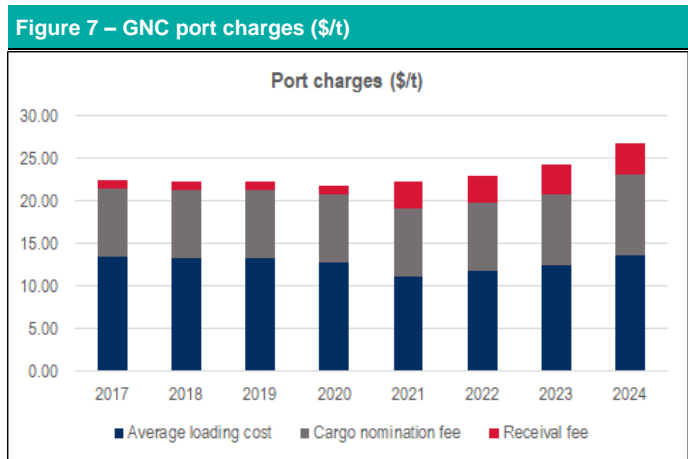


SOURCE: BASED ON BLOOMBERG DATA

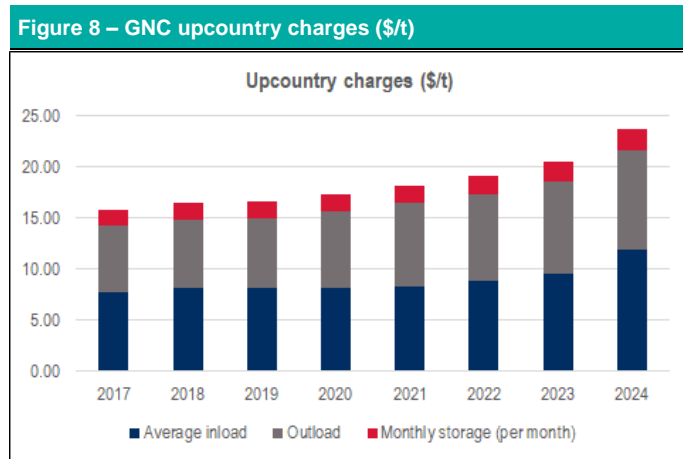


SOURCE: BASED ON BLOOMBERG,ASX AND CME DATA

**Supply chain pricing:** GNC has now released all fee schedules for the 2023-24 season, both upcountry and port. As we noted in our last report, port charges were up an average +11% and now we have seen upcountry charges lift +18-25% YOY in receival fees and a +7-8% YOY uplift in monthly storage and outload fees. The uplift in receival fees should be viewed in the context of a higher free storage period and as such the overall increase is more likely be much lower than the headline, but would increase the level of minimum earnings per ton received upcountry in lower crop years.



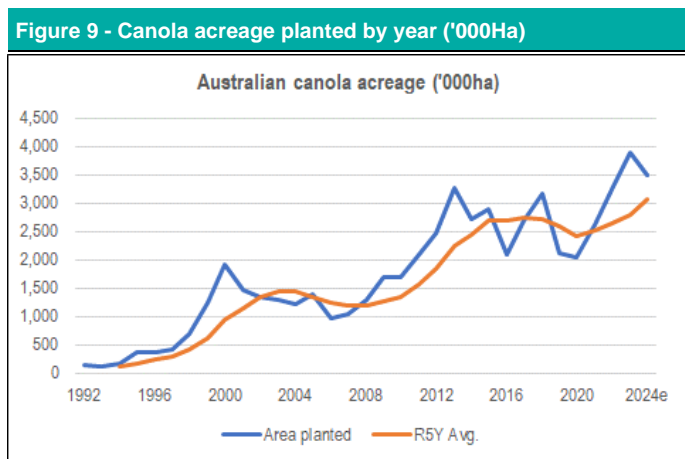
SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES



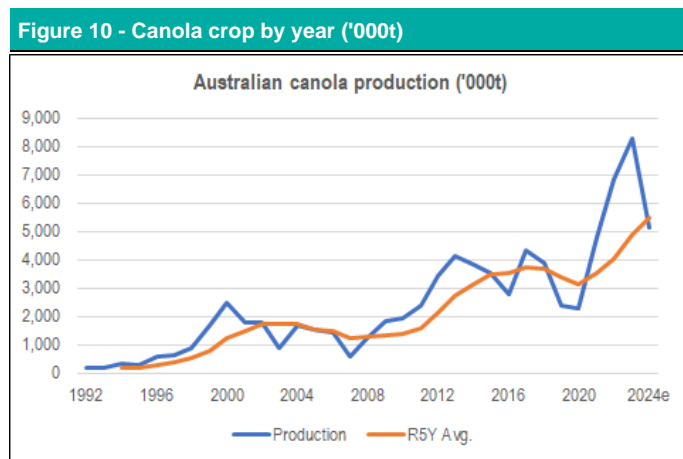
SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES

# Oilseeds review

On a through the cycle basis (R5Y average to proxy this) we have witnessed a +25% uplift in canola acreage over the last decade and +74% growth in canola production over the same time frame. Domestic canola seed production now materially exceeds installed industry crush capacity, which would imply there is the scope for further investment in crush capacity as foreshadowed by GNC at the 1H23 result.

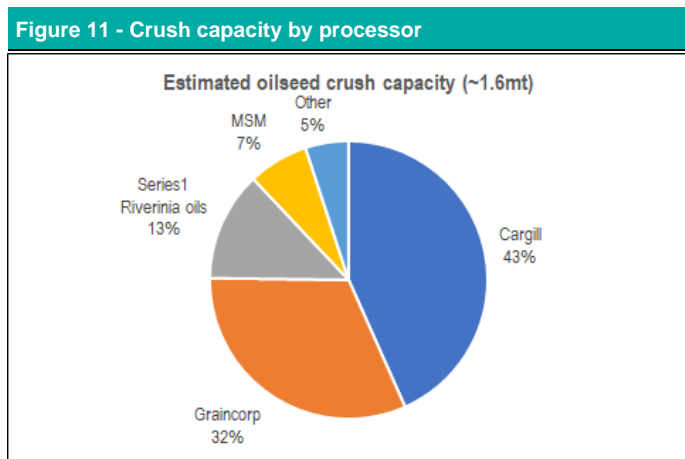


SOURCE: ABARES

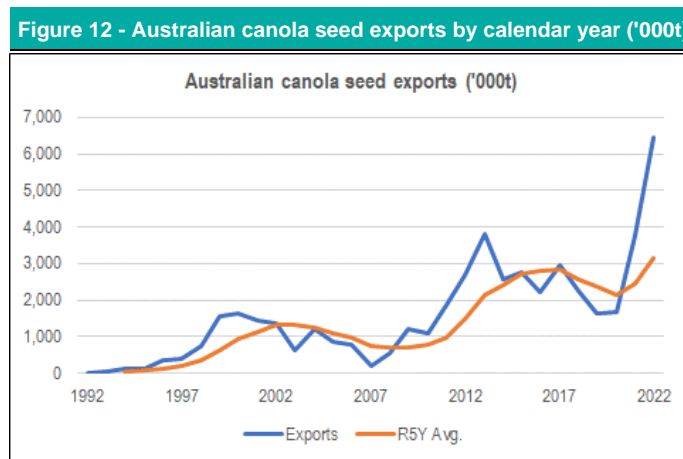


SOURCE: ABARE

Recently Cargill announced a A\$70-75m investment to add ~100kt of capacity across three sites and GNC announced it has had commenced evaluating the case for new crush capacity. The scope to replace seed exports with higher value oil exports and meal sales into the domestic feed industry would look a reasonable strategy.



SOURCE: COMPANY DATA AND BELL POTTER SECURITIES ESTIMATES



SOURCE: COMMTRADE

Crush margins (see page 2) have retraced from the recent highs and at levels broadly consistent with FY22-23e averages in forward markets. In a historical context they remain elevated and a multiple of levels seen in FY18-19. We continue to anticipate FY24e oilseed outcomes somewhere consistent with the FY22-23e average. To this end any material investment in new crush capacity is likely to be reasonably attractive from an earnings point of view. We had previously noted that the additional 40kt in oilseed crush referenced in the sustainable earnings uplift (announced with 1H23 results) was estimated at ~\$10m EBITDA through the cycle.

# GNC Company overview

## Company Description

GrainCorp (GNC) provides handling, storage, marketing, logistics and agronomic service to the east-coast grain industry. GNC also holds an interest in listed malt producer UMG.

## Target price

Our target price for GNC is \$9.45ps and is based on: (1) normalised east coast crop production of 20-23mt (east coast winter + sorghum) and returns we would expect the grain and oilseeds business to generate in that year (through the cycle PBTDA range estimate to \$235-265m); and (2) a value for its holding in UMG at market value.

## Risks

Risks facing an investment in GNC include but are not limited to:

**COVID-19:** The substantial impact of COVID-19 on the global and domestic economies is creating enormous volatility and uncertainty in global share markets. The forecasts in the report may be subjected to significant changes if this situation continues for an extended period of time.

**Weather:** Weather patterns around the winter cropping season (April-November) are the major driver of grain volumes produced on the east coast of Australia and hence volumes that can be delivered into the GNC network.

**New competition:** The emergence of three new grain terminals at Newcastle and Port Kembla have added 3.1mt of capacity to an industry that already has sizeable excess capacity. Competition for grain has the scope to reduce returns generated to legacy assets and reduce GNC's share of crop.

**Grain trading risks:** a material portion of the earnings of GNC are exposed to grain trading margins which are linked to domestic and international prices. Rapid movements in global arbitrages or the inability of GNC to develop attractive margins in its grain trading operation can have a detrimental impact on group returns.

**UMH Group trading value:** GNC will retain a 10% holding in the demerged operations of UMH Group. Sharp movements in the value of the UMH share price can impact the value of GNC and the potential for GNC to access future cashflow if a sale were to be pursued.

**Disruption of or changes to transportation services:** GNC's operations rely on rail and road transportation to move grain from farms into country storage sites, and from these sites to port terminals and domestic consumers. A disruption or delay in rail transportation service provision, for instance as a result of temporary or permanent rail track closures, a lack of rolling stock or train crews or access to rail paths, may adversely impact GNC's operations and operating results

**Grain and oilseed prices:** A sudden devaluation or revaluation in oilseed prices can impact the returns generated in the oils business, given the exposure to spot sales and inventory carry required to produce the final selling product.

**Processing risks:** Companies involved in the grain and processing industries are subject to various operational risks, including those which may be categorised as claims and disputes in relation to grain or finished product inventory, machinery breakdown/n, extreme weather, fire, supply issues, loss of long term agreements for supply or for premises, regulatory requirements, workplace disputes and impacts of environmental obligations.

**Food and feed industry risk:** GNC is subject to food and stockfeed industry risks which include, but are not limited to, spoilage, contamination, fumigation or treatment applications which do not meet destination requirements, incorrect grade classification, tampering or other adulteration of products, product recalls, government regulation, destination or industry standards, shifting customer and consumer preferences and concerns, including concerns regarding genetically modified organisms and plants, and potential product liability claims.

# GrainCorp Ltd

as at 10 October 2023

Recommendation

Buy

Price

\$6.92

Target (12 months)

\$9.45

Table 1 - Financial summary

Sept year end	2017	2018	2019	2020	2021	2022	2023e	2024e	2025e
<b>Profit &amp; Loss (A\$m)</b>									
Sales revenue	4575.7	4253.1	4849.7	3660.9	5491.5	7868.3	8127.2	6845.6	7436.6
... Change	(7.1%)	14.0%	(24.5%)	50.0%	43.3%	3.3%	(15.8%)	8.6%	
<b>EBITDA</b>	<b>390.1</b>	<b>268.8</b>	<b>68.5</b>	<b>108.1</b>	<b>330.8</b>	<b>703.4</b>	<b>559.3</b>	<b>334.2</b>	<b>310.7</b>
Deprec. & amort.	(146.4)	(153.2)	(142.4)	(109.5)	(107.1)	(117.3)	(122.7)	(122.2)	(118.4)
EBIT	243.7	115.6	(73.9)	(1.4)	223.7	586.1	436.6	212.0	192.3
Interest expense	(39.0)	(42.2)	(50.1)	(26.4)	(25.9)	(36.0)	(69.7)	(58.1)	(61.3)
Pre-tax profit	204.7	73.4	(124.0)	(27.8)	197.8	550.1	366.9	153.9	130.9
Tax expense	(63.1)	(3.1)	42.3	11.9	(58.5)	(169.7)	(110.1)	(46.2)	(39.3)
... tax rate	30.8%	4.2%	34.1%	42.8%	29.6%	30.8%	30.0%	30.0%	30.0%
Minorities	-	-	-	-	-	-	-	-	-
<b>Net Profit</b>	<b>141.6</b>	<b>70.3</b>	<b>(81.7)</b>	<b>(15.9)</b>	<b>139.3</b>	<b>380.4</b>	<b>256.9</b>	<b>107.7</b>	<b>91.6</b>
Abs. & extras	(16.4)	-	(31.3)	359.2	-	-	-	-	-
<b>Reported Profit</b>	<b>125.2</b>	<b>70.3</b>	<b>(113.0)</b>	<b>343.3</b>	<b>139.3</b>	<b>380.4</b>	<b>256.9</b>	<b>107.7</b>	<b>91.6</b>
<b>Cashflow (A\$m)</b>									
EBITDA	390.1	268.8	68.5	108.1	330.8	703.4	559.3	334.2	310.7
Tax Paid	(21.0)	(2.4)	(24.3)	(6.3)	-	(47.3)	(110.1)	(46.2)	(39.3)
Net Interest Expense	(39.5)	(42.4)	(48.9)	(40.1)	(26.1)	(36.0)	(52.8)	(63.9)	(59.7)
Change in Wkg Capital	(82.3)	(256.2)	(55.0)	127.8	(511.6)	(313.1)	148.9	288.3	(24.6)
Other	53.2	215.5	(76.5)	(192.5)	351.4	100.1	(217.5)	(205.4)	(13.6)
<b>Operating Cash Flow</b>	<b>300.5</b>	<b>183.3</b>	<b>(136.2)</b>	<b>(3.0)</b>	<b>144.5</b>	<b>407.1</b>	<b>327.8</b>	<b>307.1</b>	<b>173.4</b>
Capex	(226.2)	(141.9)	(83.6)	(77.7)	(54.6)	(80.8)	(85.0)	(50.0)	(50.0)
Div Paid	(42.3)	(52.6)	(18.3)	-	(34.3)	(76.5)	(120.9)	(62.8)	(42.6)
<b>Free Cash Flow</b>	<b>32.0</b>	<b>(11.2)</b>	<b>(238.1)</b>	<b>(80.7)</b>	<b>55.6</b>	<b>249.8</b>	<b>121.8</b>	<b>194.2</b>	<b>80.8</b>
Acquisitions	(35.6)	(1.9)	(13.8)	(1.7)	(26.2)	(5.7)	(8.3)	-	-
Disposals	189.8	17.2	2.8	198.2	25.8	3.6	20.6	-	-
Share Issues	-	-	-	-	(50.0)	-	-	-	-
Other	(10.6)	(237.9)	42.8	781.2	(415.2)	(138.6)	182.5	205.4	13.6
<b>(Inc.)/dec. in net debt</b>	<b>175.6</b>	<b>(233.8)</b>	<b>(206.3)</b>	<b>897.0</b>	<b>(360.0)</b>	<b>59.1</b>	<b>316.6</b>	<b>399.6</b>	<b>94.4</b>
<b>Balance Sheet (A\$m)</b>									
Cash & near cash	388.9	370.9	265.3	124.7	126.6	322.4	456.7	651.1	732.0
Receivables	466.2	528.1	624.0	260.6	510.7	630.2	650.9	548.3	595.6
Inventories	579.1	824.5	738.4	277.4	665.6	857.5	697.1	466.1	464.3
Other	84.7	152.9	280.0	121.7	235.3	423.8	423.8	423.8	423.8
<b>Current assets</b>	<b>1,518.9</b>	<b>1,876.4</b>	<b>1,907.7</b>	<b>784.4</b>	<b>1,538.2</b>	<b>2,233.9</b>	<b>2,228.5</b>	<b>2,089.2</b>	<b>2,215.7</b>
Fixed assets	1,500.5	1,514.3	1,335.2	678.2	668.1	663.8	655.4	624.8	598.0
Right of use assets	-	-	-	177.1	189.2	190.1	190.1	190.1	190.1
Intangibles	494.5	502.9	471.0	125.1	102.4	99.0	99.0	99.0	99.0
Other	84.50	81.10	161.70	414.40	388.80	348.30	383.30	383.30	383.30
<b>Non current assets</b>	<b>2,079.5</b>	<b>2,098.3</b>	<b>1,967.9</b>	<b>1,217.7</b>	<b>1,159.3</b>	<b>1,111.1</b>	<b>1,137.7</b>	<b>1,107.1</b>	<b>1,080.3</b>
<b>Total assets</b>	<b>3,598.4</b>	<b>3,974.7</b>	<b>3,875.6</b>	<b>2,002.1</b>	<b>2,697.5</b>	<b>3,345.0</b>	<b>3,366.2</b>	<b>3,196.4</b>	<b>3,296.1</b>
Creditors	357.8	408.9	363.7	153.4	280.1	278.4	287.6	242.2	263.1
Borrowings	336.6	537.9	633.2	213.9	575.8	712.5	530.0	324.6	311.0
Lease liabilities	-	-	-	26.9	31.7	37.8	37.8	37.8	37.8
Other	115.8	181.1	135.6	152.9	252.8	508.9	538.3	560.7	601.6
<b>Current liabilities</b>	<b>810.2</b>	<b>1,127.9</b>	<b>1,132.5</b>	<b>520.2</b>	<b>1,108.7</b>	<b>1,499.8</b>	<b>1,355.9</b>	<b>1,127.5</b>	<b>1,175.8</b>
Borrowings	748.4	762.9	768.3	150.0	150.0	150.0	150.0	150.0	150.0
Lease liabilities	-	-	-	204.9	210.1	203.5	203.5	203.5	203.5
Other	179.4	141.7	138.5	236.6	233.7	242.5	242.5	242.5	242.5
<b>Non current liabilities</b>	<b>927.8</b>	<b>904.6</b>	<b>906.8</b>	<b>386.6</b>	<b>383.7</b>	<b>392.5</b>	<b>392.5</b>	<b>392.5</b>	<b>392.5</b>
<b>Total liabilities</b>	<b>1,738.0</b>	<b>2,032.5</b>	<b>2,039.3</b>	<b>906.8</b>	<b>1,492.4</b>	<b>1,892.3</b>	<b>1,748.3</b>	<b>1,520.0</b>	<b>1,568.3</b>
<b>Net assets</b>	<b>1,860.4</b>	<b>1,942.2</b>	<b>1,836.3</b>	<b>1,095.3</b>	<b>1,205.1</b>	<b>1,452.7</b>	<b>1,617.9</b>	<b>1,676.4</b>	<b>1,727.8</b>
Share capital	1,343.8	1,344.5	1,347.9	572.8	570.6	516.6	516.6	516.6	516.6
Reserves	64.3	117.6	151.2	16.3	23.3	21.0	21.0	21.0	21.0
Retained earnings	450.8	480.1	337.2	506.2	611.2	915.1	1,080.0	1,138.4	1,189.6
Outside equity interests	1.5	-	-	-	-	-	-	-	-
<b>S/holders' funds</b>	<b>1,860.4</b>	<b>1,942.2</b>	<b>1,836.3</b>	<b>1,095.3</b>	<b>1,205.1</b>	<b>1,452.7</b>	<b>1,617.6</b>	<b>1,676.0</b>	<b>1,727.2</b>
Net Debt (Cash)	696.1	929.9	1,136.2	239.2	599.2	540.1	223.3	(176.5)	(271.0)

Share price (\$)	6.92
Recommendation	Buy
Diluted issued capital (m)	224.3
Market cap (\$m)	1552.4
Enterprise value (\$m)	2647.1
Target price (\$)	9.45

EV Based on T12M average net debt and adj. for UMG stake.

Sept year end	2017	2018	2019	2020	2021	2022	2023e	2024e	2025e
<b>Valuation Ratios</b>									
EPS (\$ps)	61.9	30.7	(35.7)	(6.9)	60.9	168.1	114.7	48.0	40.9
Change (%)		(50.4%)	n.a.	n.a.	n.a.	176.2%	(31.8%)	(58.1%)	(14.9%)
PE (x)	11.2	22.5	n.a.	(99.6)	11.4	4.1	6.0	14.4	16.9
EV/EBITDA (x)	6.79	9.85	38.64	24.49	8.00	3.76	4.73	7.92	8.52
EV/EBIT (x)	10.86	22.90	(35.82)	n.a.	11.83	4.52	6.06	12.48	13.77
EV/PBTDA (x)	3.86	5.73	27.62	14.80	4.63	2.15	2.90	5.17	5.67
***PBTDA is EBITDA less marketing interest. EV in this calculation utilises net debt (cash) ex-marketing book									
<b>Performance Ratios</b>									
NTA (\$ps)	5.97	6.29	5.97	4.24	4.82	6.05	6.77	7.03	7.26
P/NTA (x)	1.16	1.10	1.16	1.63	1.44	1.14	1.02	0.98	0.95
Book Value (\$ps)	8.13	8.49	8.02	4.79	5.27	6.50	7.21	7.47	7.70
Price/Book (x)	0.85	0.82	0.86	1.45	1.31	1.07	0.96	0.93	0.90
DPS (\$)	30.0	16.0	-	7.0	18.0	54.0	41.0	22.0	18.0
Payout (%)	48%	52%	0%	-101%	30%	32%	36%	46%	44%
Yield (%)	4.3%	2.3%	0.0%	1.0%	2.6%	7.8%	5.9%	3.2%	2.6%
Franking (%)	100%	100%	0%	100%	100%	100%	100%	100%	100%
<b>Segmental operating EBITDA (A\$m)</b>									
Agribusiness	241.6	111.9	(93.7)	78.5	275.1	624.1	378.9	210.5	231.4
Agriprocessing	22.8	17.6	15.7	45.5	77.7	127.0	180.4	153.7	109.3
Other/Discontinued	158.4	170.1	175.5	-	-	-	-	-	-
Corporate	(32.7)	(30.8)	(29.0)	(15.9)	(22.0)	(47.7)	-	(30.0)	(30.0)
<b>EBITDA</b>	<b>390.1</b>	<b>268.8</b>	<b>68.5</b>	<b>108.1</b>	<b>330.8</b>	<b>703.4</b>	<b>559.3</b>	<b>334.2</b>	<b>310.7</b>
EC winter crop (mt)	28.2	16.8	8.5	12.2	32.6	31.3	29.2	17.7	18.4
EC summer crop (mt)	2.3	2.8	2.0	0.5	2.3	4.2	4.0	2.8	2.8
Adopted contestable EC (mt)	29.9	17.7	8.6	11.0	32.4	33.5	31.5	19.0	19.7
GNC receivables (mt)	15.0	6.8	3.1	4.2	16.5	16.3	14.5	7.7	9.0
GNC grain exports (mt)	7.2	2.7	0.3	1.3	7.9	9.2	9.0	3.7	3.6
Domestic outloads (mt)	6.2	5.6	5.8	5.1	5.0	6.4	6.8	5.5	5.5
EC grain sales (mt)	7.1	5.0	2.9	3.5	6.7	6.1	6.3	3.7	3.6
Offshore grain sales (mt)	1.2	1.9	4.2	4.3	3.4	3.5	3.5	4.0	5.0
Total grain sales (mt)	8.3	6.9	7.1	7.8	10.1	9.6	9.8	7.7	8.6
Carryout (mt)	3.3	2.3	1.5	0.7	4.3	4.9	3.6	2.0	1.9
Throughput (mt)	21.4	10.3	4.9	6.6	22.6	25.2	24.2	12.2	12.6
Crush volume (kt)	298	260	371	424	459	471	500	500	495

SOURCE: BELL POTTER SECURITIES ESTIMATES

**Recommendation structure**

**Buy:** Expect >15% total return on a 12 month view. For stocks regarded as 'Speculative' a return of >30% is expected.

**Hold:** Expect total return between -5% and 15% on a 12 month view

**Sell:** Expect <-5% total return on a 12 month view

*Speculative Investments are either start-up enterprises with nil or only prospective operations or recently commenced operations with only forecast cash flows, or companies that have commenced operations or have been in operation for some time but have only forecast cash flows and/or a stressed balance sheet.*

*Such investments may carry an exceptionally high level of capital risk and volatility of returns.*

**Research Team**

Staff Member	Title/Sector	Phone	@bellpotter.com.au
Chris Savage	Head of Research/Industrials	612 8224 2835	csavage
<b>Analysts</b>			
John Hester	Healthcare	612 8224 2871	jhester
Anubhav Saxena	Healthcare	612 8224 2846	asaxena
Thomas Wakim	Healthcare	612 8224 2815	twakim
Michael Ardrey	Industrials	613 9256 8782	mardrey
Marcus Barnard	Industrials	618 9326 7673	mbarnard
Sam Brandwood	Industrials	612 8224 2850	sbrandwood
Olivia Hagglund	Industrials	612 8224 2813	ohagglund
Joseph House	Industrials	613 9325 1624	jhouse
Daniel Laing	Industrials	612 8224 2886	dlaing
Hayden Nicholson	Industrials	613 92351757	hnicolson
Chami Ratnapala	Industrials	612 8224 2845	cratnapala
Jonathan Snape	Industrials	613 9235 1601	jsnape
Regan Burrows	Resources	618 9236 7677	rburrows
David Coates	Resources	612 8224 2887	dcoates
Stuart Howe	Resources	613 9325 1856	showe
Brad Watson	Resources	618 9326 7672	bwatson
James Williamson	Resources	613 9235 1692	jwilliamson
<b>Associates</b>			
Connor Eldridge	Associate Analyst	612 8224 2893	celdridge
Baxter Kirk	Associate Analyst	613 9235 1625	bkirk
Ritesh Varma	Associate Analyst	613 9235 1658	rvarma

**Research Coverage & Policies**

For Bell Potter Securities' Research Coverage Decision Making Process and Research Independence Policy please refer to our company website: <https://bellpotter.com.au/research-independence-policy/>.

**Authoring Research Analyst's Certification**

The Authoring Research Analyst is responsible for the content of this Research Report, and, certifies that with respect to each security that the Analyst covered in this Report (1) all the views expressed accurately reflect the Analyst's personal views about those securities and were prepared in an independent manner and (2) no part of the Analyst's compensation was, is or will be, directly or indirectly, related to specific recommendations or views expressed by that Research Analyst in the Research Report.

**Research Analyst's Compensation**

Research Analyst's compensation is determined by Bell Potter Securities Research Management and Bell Potter Securities' Senior Management and is based upon activities and services intended to benefit the investor clients of Bell Potter Securities Ltd. Compensation is not linked to specific transactions or recommendations. Like all Company employees Research Analysts receive compensation that is impacted by overall Company profitability.

**Prices**

The Price appearing in the Recommendation panel on page 1 of the Research Report is the Closing Price on the Date of the Research Report (appearing in the top right hand corner of page 1 of the Research Report), unless a before midday (am) time appears below the Date of the Research Report in which case the Price appearing in the Recommendation panel will be the Closing Price on the business day prior to the Date of the Research Report.

**Availability**

The completion and first dissemination of a Recommendation made within a Research Report are shortly after the close of the Market on the Date of the Research Report, unless a before midday (am) time appears below the Date of the Research Report in which case the Research Report will be completed and first disseminated shortly after that am time

**Dissemination**

Bell Potter generally disseminates its Research to the Company's Institutional and Private Clients via both proprietary and non-proprietary electronic distribution platforms. Certain Research may be disseminated only via the Company's proprietary distribution platforms; however such Research will not contain changes to earnings forecasts, target price, investment or risk rating or investment thesis or be otherwise inconsistent with the Author's previously published Research. Certain Research is made available only to institutional investors to satisfy regulatory requirements. Individual Bell Potter Research Analysts may also opt to circulate published Research to one or more Clients by email; such email distribution is discretionary and is done only after the Research has been disseminated. The level and types of service provided by Bell Potter Research Analysts to Clients may vary depending on various factors such as the Client's individual preferences as to frequency and manner of receiving communications from Analysts, the Client's risk profile and investment focus and perspective (e.g. market-wide, sector specific long term and short term etc.) the size and scope of the overall Client relationship with the Company and legal and regulatory constraints.



**Disclaimers**

This Research Report is a private communication to Clients and is not intended for public circulation or for the use of any third party, without the prior written approval of Bell Potter Securities Limited.

The Research Report is for informational purposes only and is not intended as an offer or solicitation for the purpose of sale of a security. Any decision to purchase securities mentioned in the Report must take into account existing public information on such security or any registered prospectus.

This is general investment advice only and does not constitute personal advice to any person. Because this Research Report has been prepared without consideration of any specific client's financial situation, particular needs and investment objectives ('relevant personal circumstances'), a Bell Potter Securities Limited Broker (or the financial services licensee, or the representative of such licensee, who has provided you with this report by arrangement with Bell Potter Securities Limited) should be made aware of your relevant personal circumstances and consulted before any investment decision is made on the basis of this Research Report.

While this Research Report is based on information from sources which are considered reliable, Bell Potter Securities Limited has not verified independently the information contained in this document and Bell Potter Securities Limited and its directors, employees and consultants do not represent, warrant or guarantee expressly or impliedly, that the information contained in this Research Report is complete or accurate.

Nor does Bell Potter Securities Limited accept any responsibility for updating any advice, views, opinions or recommendations contained in this Research Report or for correcting any error or omission which may have become apparent after the Research Report has been issued.

Bell Potter Securities Research Department has received assistance from the Company referred to in this Research Report including but not limited to discussions with management of the Company. Bell Potter Securities Policy prohibits Research Analysts sending draft Recommendations, Valuations and Price Targets to subject companies. However, it should be presumed that the Author of the Research Report has had discussions with the subject Company to ensure factual accuracy prior to publication.

All opinions, projections and estimates constitute the judgement of the Author as of the Date of the Research Report and these, plus any other information contained in the Research Report, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice.

Notwithstanding other departments within Bell Potter Securities Limited advising the subject Company, information obtained in such role is not used in the preparation of the Research Report.

Although Bell Potter Research does not set a predetermined frequency for publication, if the Research Report is a fundamental equity research report it is the intention of Bell Potter Research to provide research coverage of the covered issuers, including in response to news affecting the issuer. For non-fundamental Research Reports, Bell Potter Research may not provide regular updates to the views, recommendations and facts included in the reports.

Notwithstanding that Bell Potter maintains coverage on, makes recommendations concerning or discusses issuers, Bell Potter Research may be periodically restricted from referencing certain Issuers due to legal or policy reasons. Where the component of a published trade idea is subject to a restriction, the trade idea will be removed from any list of open trade ideas included in the Research Report. Upon lifting of the restriction, the trade idea will either be re-instated in the open trade ideas list if the Analyst continues to support it or it will be officially closed.

Bell Potter Research may provide different research products and services to different classes of clients (for example based upon long-term or short term investment horizons) that may lead to differing conclusions or recommendations that could impact the price of a security contrary to the recommendations in the alternative Research Report, provided each is consistent with the rating system for each respective Research Report.

Except in so far as liability under any statute cannot be excluded, Bell Potter Securities Limited and its directors, employees and consultants do not accept any liability (whether arising in contract, in tort or negligence or otherwise) for any error or omission in the document or for any resulting loss or damage (whether direct, indirect, consequential or otherwise) suffered by the recipient of the document or any other person.

In the USA and the UK this Research Report is only for institutional investors. It is not for release, publication or distribution in whole or in part in the two specified countries. In Hong Kong this Research Report is being distributed by Bell Potter Securities (HK) Limited which is licensed and regulated by the Securities and Futures Commission, Hong Kong. In the United States this Research Report is being distributed by Bell Potter Securities (US) LLC which is a registered broker-dealer and member of FINRA. Any person receiving this Research Report from Bell Potter Securities (US) LLC and wishing to transact in any security described herein should do so with Bell Potter Securities (US) LLC.

**Bell Potter Securities Limited**

ABN 25 006 390 772  
Level 29, 101 Collins Street  
Melbourne, Victoria, 3000  
Telephone +61 3 9256 8700  
www.bellpotter.com.au

**Bell Potter Securities (HK) Limited**

Room 1601, 16/F  
Prosperity Tower, 39 Queens  
Road Central, Hong Kong, 0000  
Telephone +852 3750 8400

**Bell Potter Securities (US) LLC**

Floor 39  
444 Madison Avenue, New York  
NY 10022, U.S.A  
Telephone +1 917 819 1410

**Bell Potter Securities (UK) Limited**

16 Berkeley Street London, England  
W1J 8DZ, United Kingdom  
Telephone +44 7734 2929