

Fortnightly Agri Update

6 June 2018



Turning the tables – Forestry and wood processing

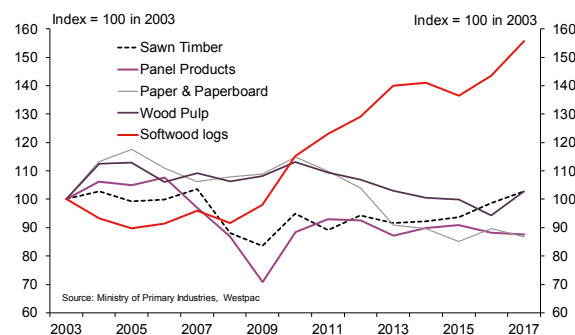
Recently, Westpac Economics took an in-depth look at New Zealand's forestry and wood processing sector in our Industry Insights series.¹ In this week's Fortnightly Agri Update, we highlight some of the key findings of this report. We also provide an update on the Government's decision to attempt eradication of the cattle disease *Mycoplasma bovis* from NZ.

Forestry is New Zealand's third largest goods export, behind dairy and meat, and generated export earnings of \$5.4bn in 2017. It is also a significant employer, with around 24,000 people employed in the forestry and wood processing sector in New Zealand.

One of the biggest changes in the sector in recent years has been the growing importance of log exports. Strong Chinese demand has driven up prices and volumes have followed suit. The production of sawn timber has also grown, albeit at a more measured pace, with most sawn timber produced in New Zealand destined for the local market.

There is tension in the sector with strong international demand for logs pushing up costs for wood processors. Wood processors argue New Zealand should be processing more wood locally and exporting higher value processed wood products such as sawn timber, wood panels and paper products. However, in order to achieve this, New Zealand's wood processors would need to overcome a number of obstacles. New Zealand is a small economy, geographically distant from key export markets, and would face stiff competition from well-entrenched competitors. We often hear grumbling that New Zealand exports too many logs

Forestry



rather than value-added products, but we argue that New Zealand has positioned itself at the optimal part of the value chain

Log production is also not without its challenges. Not least of these is the sustainability of forestry given the maturity profile of the forests in New Zealand. A large swathe of forests in New Zealand are set to be harvested over the next five years or so as they reach maturity. But some smaller log producers haven't been willing to wait that long, aiming to cash in on today's high prices by cutting down immature trees. The risk for New Zealand is that by cutting down these trees now, harvesting over the next 5 years or so may exceed tree growth. Consequently, forestry could end up adding to New Zealand's carbon emissions in coming years instead of reducing them.

The outlook for the sector is mixed. While the medium to long-term outlook for demand looks promising for log producers, there are some risks in the near-term. Chinese

¹ <https://www.westpac.co.nz/assets/Business/Economic-Updates/2018/Bulletins-2018/Industry-Insight-Forestry-and-Wood-Products-May-2018.pdf>

demand for logs is expected to slow as activity eases and structural reforms slow the pace of building activity. In the absence of an offsetting lift in demand from other countries, log prices are expected to ease from current high levels. Beyond this, population growth, particularly in emerging markets, is expected to underpin demand for logs. Demand from India in particular is expected to pick up strongly.

The near-term outlook for wood processors is more positive. As demand from China starts to slow, forestry owners are likely to redirect more logs to local sawmills at lower prices. The outlook for domestic residential building activity will also be important. Housing shortages in Auckland remain acute, but building activity is only expected to grind higher as capacity constraints bite and the industry struggles to overcome other challenges. However, beyond this the picture becomes less rosy. Although New Zealand has a competitive advantage in log production, producing logs more quickly and cheaply than other countries, it doesn't have the same edge in downstream wood processing as it lacks the economies of scale processors in other countries have. This competitive disadvantage will continue to be exaggerated by New Zealand's distance from key markets.

Mycoplasma bovis Update

Late last month, the New Zealand Government made the decision to attempt eradication of Mycoplasma bovis cattle disease from New Zealand's beef and dairy herds. It aims to do this by culling all cattle on farms where the disease is identified, plus some high risk farms under movement controls – an estimated 126,000 cattle over the next year or two (in addition to the around 24,000 cattle culled already). The response is expected to cost \$870m, with farmers picking 32% of the tab and the Government footing the bill for the remainder.

While the impact of the disease on individual farmers involved is clearly devastating, the impact on production in the wider New Zealand dairy and beef industry is smaller. MPI expects that in year one, 142 farms will need to be depopulated out of a total of around 20,000 beef and dairy farms across the country. The \$278 million cost to farmers is equivalent to around 15 cents on the milk price. And while milk production could be affected in the order of 1%, that's well within usual seasonal variations and there will be other factors influencing

the industry's production decisions (for example Fonterra's opening milk price forecast of \$7 is likely to encourage a lift in production, while Fonterra has said it expects its milk collections to be up 1.5% this season). In addition, there is no risk to trade as all our trading partners (bar Norway) already have the disease.

That said, Mycoplasma bovis has knocked rural confidence which could have noticeable flow-on effects for the agricultural sector. While some of the uncertainty has dissipated following the Government's announcement, eradication remains a difficult task, as does managing the processes and ensuring affected farmers are compensated. No other country has attempted eradication, let alone been successful. There will be a further round of national bulk milk surveillance testing in spring, and the operation will be assessed in light of those results in early 2019 meaning we are a long way off the final word on this matter yet.

Anne Boniface

Senior Economist

GlobalDairyTrade Auction Results, 6 June 2018

	Change since last auction	Price index USD/Tonne
Anhydrous Milk Fat (AMF)	-1.7%	6,222
Butter	-3.5%	5,581
Butter Milk Power (BMP)	17.7%	2,314
Cheddar	-3.6%	3,998
Lactose	3.9%	714
Rennet Casein	2.7%	5,015
Skim Milk Powder (SMP)	0.3%	2,051
Whole Milk Powder (WMP)	-1.1%	3,205
GDT Price Index	-1.3%	1,051

Farmgate milk price forecasts

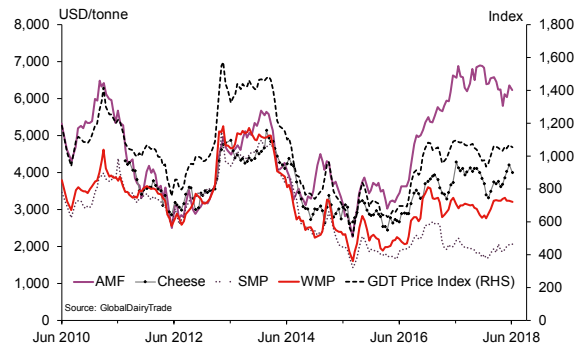
	2017/18		2018/19	
	Westpac	Fonterra	Westpac	Fonterra
Milk Price	\$6.75	\$6.75	\$6.40	\$7.00

Beyond the farm gate

Dairy

	Current price level compared to 10 year average	Next 6 months
Trend	Average	↘

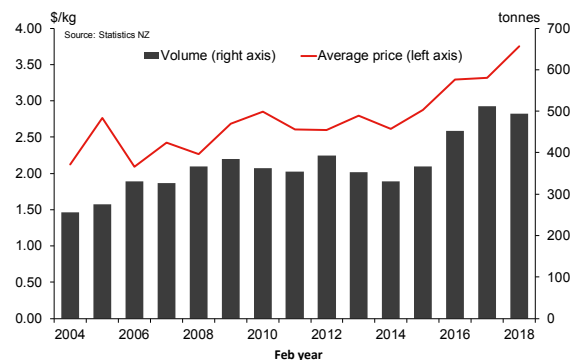
Dairy prices fell 1.3% in last night's GlobalDairyTrade auction, led by a 3.5% fall in butter prices. Whole milk powder prices were also down, falling 1.1%. The start of June marks the new dairy season in New Zealand. Our current forecast of \$6.40 milk price sits noticeably below Fonterra's opening forecast of \$7. Part of the difference in view is likely to stem from our outlook for Chinese growth. We're expecting a significant slowdown in the Chinese economy this year and next, and are sceptical that the Chinese consumer will be completely unaffected by this. Consequently, we expect to see dairy prices slide further in the coming months. Fonterra has also announced a surprising 20 cent upgrade to its 2017/18 milk price forecast which is now \$6.75. Higher commodity prices have impacted on the forecast dividend range which has been revised down to 15-20 cents per share (previously 25-30 cents).



Kiwifruit

	Current price level compared to 10 year average	Next 6 months
Trend	High	→

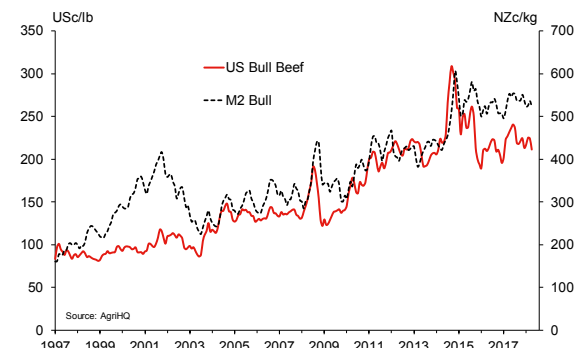
Zespri reported a 38% lift in its annual net profit and tripled its dividend for the season ended 31 March although NZ kiwifruit sold fell by 11%. China and Japan are the two key markets for Zespri, with the company also looking to leverage sell Chinese grown kiwifruit under the Zespri label in the future. Shareholders have also backed changes to the constitution to address a mismatch between growers who supply kiwifruit to Zespri and people who own shares in Zespri (including former growers) with an increased loyalty payment to growers with long-term supply contracts one consequence of the change.



Beef

	Current price level compared to 10 year average	Next 6 months
Trend	High	↘

Dry conditions are emerging in some key cattle producing states in the US which has seen slaughter rates accelerate in recent weeks. While US demand has been firm, this lift in supply could put downward pressure on imported beef prices.



Note: Trend arrows indicate direction of change in world prices.

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