



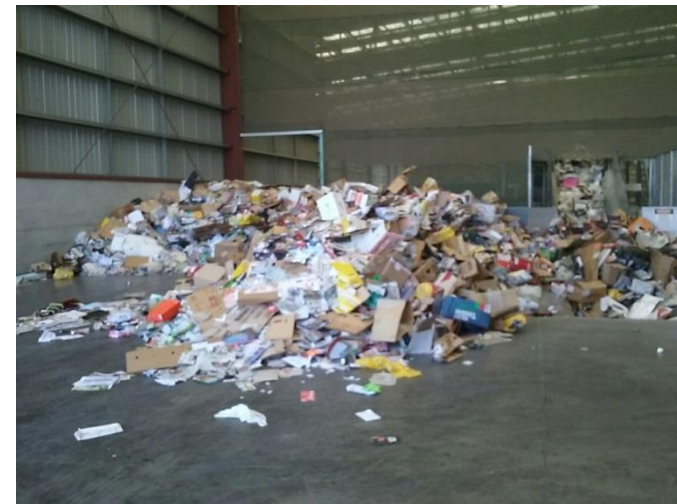
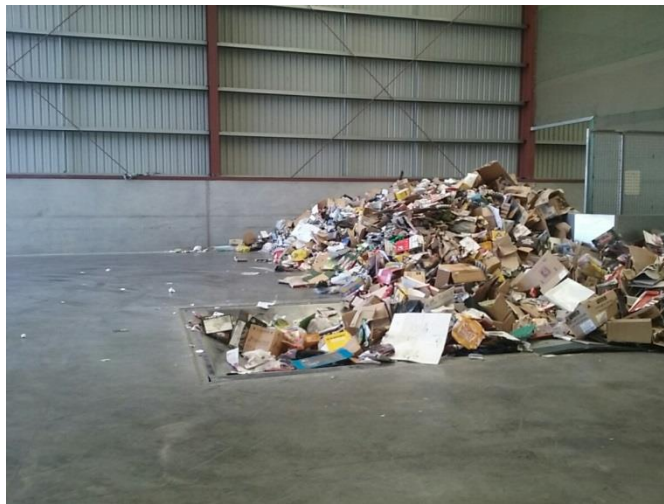
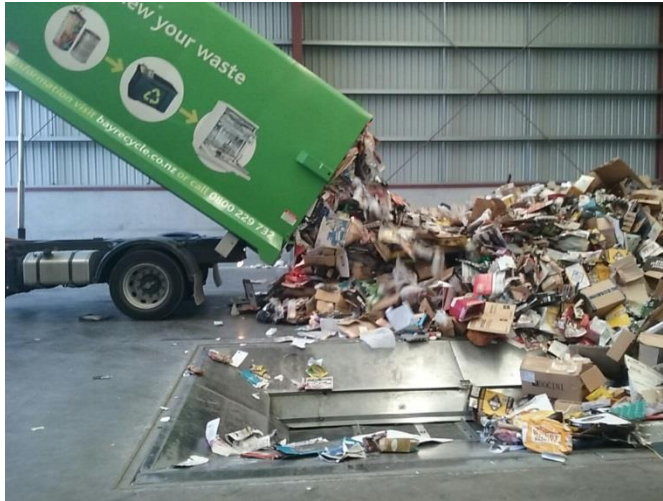
Hawk is a market leader in fibre packaging solutions. We aim to ensure the uncompromised delivery of fruit to market. By recovering wastepaper and cardboard, which would be normally destined for landfill, we are able to control the quality of raw materials to achieve world class moulded fibre products for the horticultural sector. Hawk is a locally owned business, based in Hawkes Bay, the heart of New Zealand's Pipfruit industry.

Kerbside Recycling Collection – Napier, Hastings & Other Areas

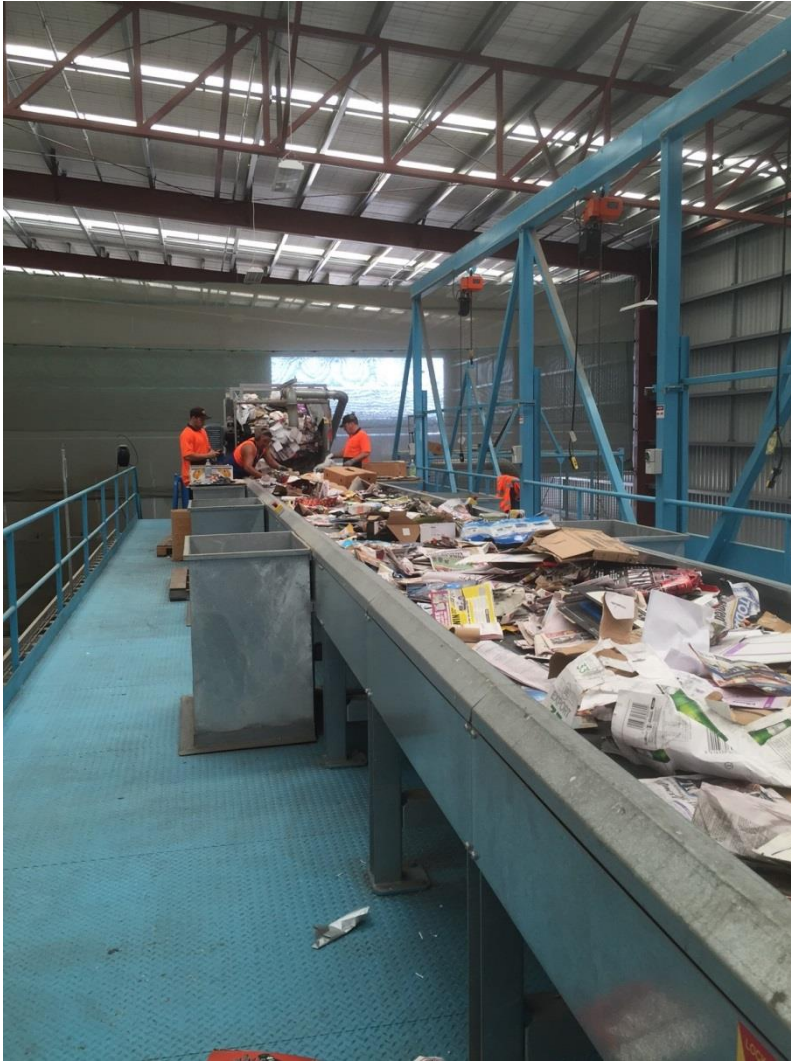
These areas use “Separation-at-Source” methodology, which ensures a simpler and more efficient process.



Paper and Cardboard are delivered to Hawk for processing.



Contamination is removed, and product is baled.



The reclaimed fibre is then used to manufacture moulded fibre packaging.

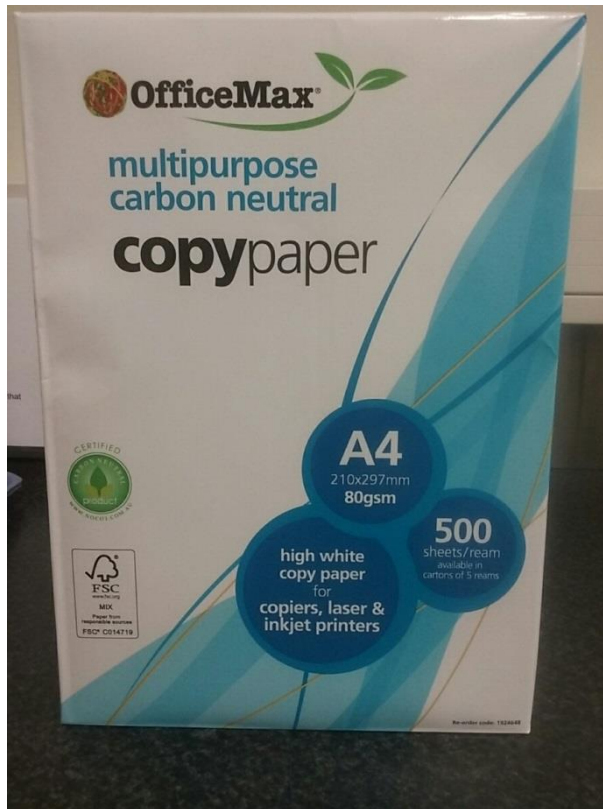


Comparisons

1 ream paper

=

31 fruit trays



1 Pizza box

=

1.5 fruit trays



Packaging is then used to efficiently pack and ship produce around New Zealand and the world.







Process Outline - Key Points

Kerbside recycling collected from Napier, Hastings, and Other Areas of NZ

- Approx. 44,000 households, separated at source is the best methodology.

Paper and cardboard are dropped at Hawk for processing.

- Approx. 250 tonnes of paper and cardboard per month, approx. 14 tonne per day

Contamination is removed, product is baled.

- Contamination ranges from potato bags, milk & juice cartons, polystyrene, strapping, shrink wrap, plastic bags.

Bales of stock are used by Hawk to manufacture trays.

Comparisons:

- 1 Pizza box = 1.5 trays. 1 ream paper = 31 trays

Trays are used by our customers to pack, and ship apples and avocados around the world. Approx. 1.5 million trays are manufactured by Hawk every week.

- New Zealand has 85 registered apple exporters (NZAPI Industry Statistical Annual 2018)
- New Zealand has 48 registered apple packhouses (NZAPI Industry Statistical Annual 2018)
- New Zealand Apple export revenue 2019 \$853 mil (Freshfacts 2019)
- New Zealand has 12 registered avocado exporters (New Zealand Avocado Industry, June 2020)
- New Zealand has 12 registered avocado packhouses (New Zealand Avocado Industry, June 2020)
- New Zealand Avocado export revenue 2019 \$110 mil (Freshfacts 2019)

Further information:

www.hawk.net.nz

New Zealand Pipfruit industry:

www.pipfruitnz.co.nz

<http://pipfruitnzstories.co.nz/story/michael-caccioppoli>

New Zealand Avocado industry:

<https://www.nzavocado.co.nz>