Wenita Monitoring Results

Production and Yield

Each month Wenita measures the harvested area by forest stand, usually with aerial photography, but sometimes using satellite imagery. The log volumes produced in the month are reconciled with the expected volumes for the areas harvested.

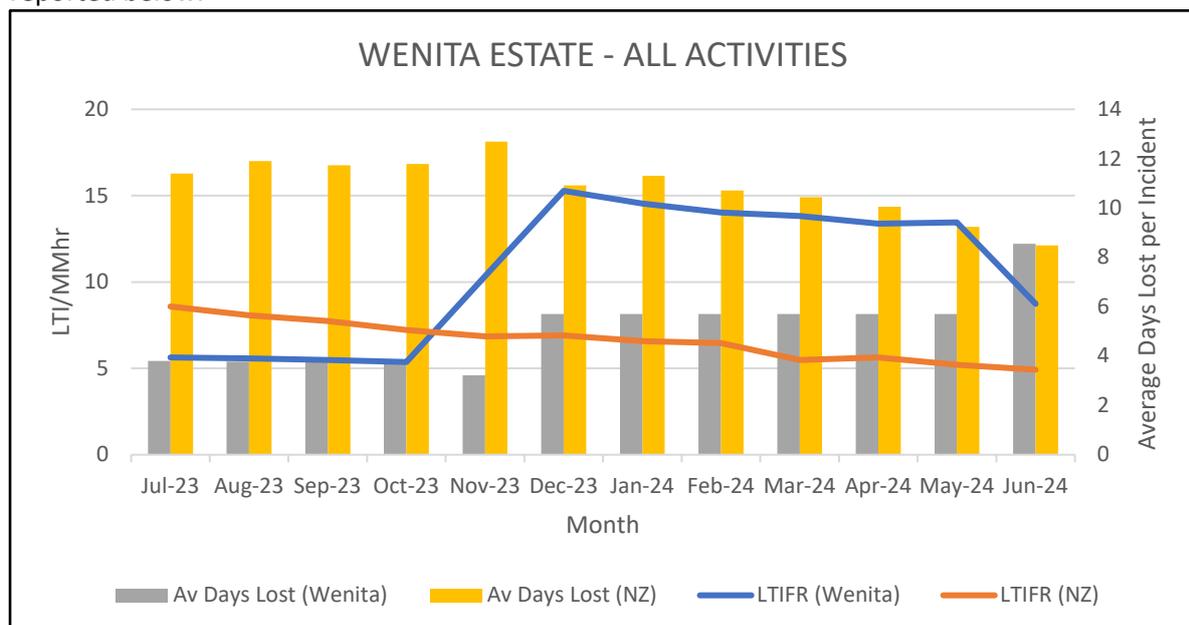**Yield estimation and growth modelling**

Wenita measures growth rates and standing volume at various points in the forest rotation. Typically, stands are measured using a sample plotting approach, with inventories at around ages 10, 20 and 24. The yield estimates are projected forward with growth modelling software programs such as Atlas Forecaster and YTGen, and estate modelling is carried out using the Tigermoth optimisation software. Wenita also maintains a network of Permanent Sample Plots, which are useful in monitoring long-term productivity changes across the forest.

Forest Health

Wenita's forests are surveyed annually by SPS Biosecurity, checking for pests and disease. Like most forests in the Otago/Southland region, they are generally healthy with deep crowns, and relatively unaffected by foliar diseases such as Dothistroma and Red Needle Cast.

Health and Safety Statistics

The Lost Time Incident Frequency Rate (the number of lost time incidents per million man-hours) is reported below:

Access Permits

Wenita monitors permits issued through an online booking system. The monitoring shows that hunting and motorbike riding are the most popular activities:

Row Labels	Bookings	Individuals
Dog Exercising	201	20
Horse Riding	105	19
Hunting	1611	201
Motorcycle Riding	772	233
Mountain Biking / BMX	25	15
Non-Public Authorised Access	405	24
Pinecone Collecting	24	10
Tramping / Orienteering	12	5
Walking	43	15
Weekday Limited General Access	2	2
Grand Total	**3200**	**544**

Hunting Kill Return Statistics

Pigs Killed by Block 2023