



GREENPLAN

FORESTRY INVESTMENTS

FORESTS REPORT

MAY 2023



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You can see more detail and photos of your forest at
www.greenplan.co.nz



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FORESTRY INVESTMENTS

Dear Greenplan Investors

Welcome to the Annual Forest Reports for the year 2022. The reports provide you with an indication of how your forest is progressing. It also identifies some Key Management Activities and an update on how the Greenplan Secondary Market is going.

We have commenced Road Lining and Engineering work on the Arapito Forest Partnerships 1 to 8. This work involves building the necessary skid sites, roads, bridges and other work required to get the forest harvest ready. We expect this to commence this upcoming summer. The other forest partnerships will have road lining and engineering commence as required.

As most of you can appreciate it has been a long and winding road to get to this phase of the forest's life. This is what you could term a long-term investment. As mentioned in last year's Forests Report we were looking to engage a Harvesting Marketing Manager (H&M Manager). It is with pleasure that engagement has been completed and your new H&M Manager is FMNZ Ltd. A rigorous process was undertaken to make this appointment and we look forward to successful outcomes with them. We also hope to share regular reporting with you.

As we write the weather is warm for this time of year however the weather has not been nice. With cyclones and other weather events the Greenplan Forests came through without too much damage. We do however feel for our counterparts on the East Coast and wish them a speedy recovery. We are looking forward to a dry summer which will assist in the upcoming harvesting. We are also looking to hold a field day to coincide with the harvesting, possibly commencing in October.

The forests are continually monitored to check their health and growth and we can report that all forests are in good shape.

As forest owners you may be interested in looking at the NZ Institute of Forestry website. www.nzif.org.nz. The site has some excellent resources and information that may be of use. There is an option to become a member of which some of you may already be.

The secondary market has been active again over the year. We have had some 45 units sold during the 2022 year. This compares to 49 units sold in the previous year. You will see in the following pages the number of units sold and the average prices. For up-to-date information on the secondary market please visit www.greenplan.co.nz or contact us during office hours.

We are expecting an exciting year ahead for harvesting and growing trees and, as always remember “Wood is Good”.

Matthew Barton



Managing Director

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www.greenplan.co.nz

Forest Data for 1994 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Arapito No. 1	47.0	43.1	44.1
Arapito No. 2	52.2	42.9	43.7
Arapito No. 3	39.2	39.6	40.3
Arapito No. 4*	54.8	45.0	42.4
Arapito No. 5	55.8	45.7	46.1
Arapito No. 6	47.1	42.8	43.7
Arapito No. 7	58.0	42.8	44.0
Arapito No. 8	60.0	39.2	40.0

*RS - New PRP plot required to be selected as previous PRP plot was felled during road lining operations.

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited, and data recorded

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Commence road-lining and engineering operations

Secondary Market Activity 1 Ha

Units Sold Since January 2022 0

Average Price \$0

Price Range \$0

KEY

PRP Permanent Record Plot

DBH Diameter at Breast Height-1.4m from base

RS Reselect Measured Crop Tree

Manager's Comments:

As previously confirmed, Forest Management New Zealand (FMNZ) are the Harvest and Marketing Manager of Arapito Forests 1 to 8. Last year an entire pre-harvest inventory was independently completed that sampled the forest assets to inform overall harvest readiness and provide a sound basis for harvest planning. The pre-harvest activities, such as engineering, have commenced.

You can see more detail and photos of your forest at
www.greenplan.co.nz

Forest Data for 1995 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Arapito No. 9	60.3	41.1	42.0
Arapito No. 10	52.6	40.8	41.6
Arapito No. 11	54.0	42.7	43.3
Arapito No. 12	58.6	41.6	42.6
Aratoro No. 13	57.5	42.4	42.9
Aratoro No. 14	52.6	37.8	38.6
Waipa Valley No. 15	50.8	42.5	42.6
Awakino River No. 16	46.4	42.9	43.7
Awakino River No. 17	58.9	42.7	43.3
Barkers No. 18	48.1	39.5	40.0

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited and data recorded

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Identify and destroy pests

Secondary Market Activity

1 Ha

Units Sold Since January 2022

8

Average Price

\$26,000

Price Range

\$25,000 to \$27,000

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

Manager's Comments:

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

Earlier this year pre-harvest inventory was independently completed that sampled the forest assets for Partnerships 9-12 in preparation for harvest planning.

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Forest Data for 1996 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Awakino River No. 19	46.7	41.9	42.4
Aratoro No. 20	51.0	48.3	49.2
Slab Hut No. 21*	52.2	40.4	40.0
Slab Hut No. 22	49.6	42.8	43.7
Brakeside No. 23	56.5	42.2	42.6
River Road No. 24	52.9	44.6	45.0
Smiths No. 25	49.7	42.3	44.4
Tin Whare No.26	58.3	41.8	42.8
Touchwood No. 27	55.5	42.1	42.7

*RS - New PRP plot required to be selected

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited and data recorded

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Road-lining and engineering works commenced to assist with a powerline relocation in the Slab Hut No.21 and Slab Hut No.22 Partnerships
4. Identify and destroy pests

Secondary Market Activity

1 Ha

Units Sold Since January 2022

10

Average Price

\$23,000

Price Range

\$18,000 to \$27,000

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

RS

Reselect Measured Crop Tree

Manager's Comments:

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

Road-lining and engineering work has commenced to assist the local lines company to relocate a powerline in the Slab Hut No.21 and Slab Hut No.22 Partnerships.

You can see more detail and photos of your forest at
www.greenplan.co.nz

Forest Data for 1997 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Arapito No. 28	52.9	39.9	40.9
Rhodes No. 29	61.6	39.3	40.4
Coach Road No. 30	52.3	41.5	42.1
Moonlight No. 31	52.5	40.0	41.1
Rim Rock No. 33	43.9	41.5	42.1
Pig & Whistle No. 34	49.2	39.8	40.3

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited and data recorded

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Identify and destroy pests.

Secondary Market Activity	1 Ha	1/2 Ha
Units Sold Since January 2022	3	2
Average Price	\$24,000	\$8,650
Price Range	\$22,000 to \$28,000	\$8,000 to \$9,300

KEY

PRP Permanent Record Plot

DBH Diameter at Breast Height-1.4m from base

Manager's Comments:

“Permanent Record Plots” (PRP) established have been re-visited and measured. Data is collected each year from the same trees.

Pest and forest health monitoring will continue within the forests and remedial action will be taken if required. The trees continue to be in good health and are showing consistent signs of increased tree growth.

You can see more detail and photos of your forest at
www.greenplan.co.nz

Forest Data for 1998 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Stockyards No. 32	61.8	39.4	40.4
Cattle Stop No. 35	64.5	39.6	40.4
Gateway No. 36	62.1	38.9	39.6
Miners Creek No. 37	52.9	40.1	41.8
Squires Creek No. 38	46.5	41.6	42.1

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited, and data recorded
3. Remedial felling to remove hazardous trees in the Gateway No.36 Partnership

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Identify and destroy pests

Secondary Market Activity

	1 Ha	½ Ha
Units Sold Since January 2022	1	0
Average Price	\$20,500	\$0
Price Range	\$20,500 to \$20,500	\$0

KEY

PRP Permanent Record Plot

DBH Diameter at Breast Height-1.4m from base

Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 1999 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Jones No. 3	51.1	39.6	40.1
Huntaway No. 40	40.0	39.7	40.1
Boltaway No. 41	51.3	32.2	33.5
Clearwater No. 42	53.6	38.5	40.6
Wildboar No. 43	54.5	34.4	35.3

Key Management Activities Completed 2022

1. Pest control and monitoring along with regular observations for forest health
2. Permanent record plots (PRP) revisited and data recorded

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests.
2. Revisit and collect data from Permanent Record Plots.
3. Identify and destroy pests.

Secondary Market Activity	1 Ha	1/2 Ha
Units Sold Since January 2022	3	2
Average Price	\$16,133	\$11,000
Price Range	\$15,800 to \$16,600	\$11,000 to \$11,000

KEY

PRP Permanent Record Plot

DBH Diameter at Breast Height-1.4m from base

Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 2000 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Millennium No. 44	54.5	33.0	33.9
Centurion No. 45*	50.0	39.1	40.2
Tunnel Rock No. 46	49.9	31.8	32.4
Dunmore West No. 47	52.1	35.3	35.7

*RS - Reselect tree required due to damaged tree.

Key Management Activities Completed 2022

1. Continued observations of forest health and monitoring for pests
2. Permanent record plots (PRP) revisited and data recorded

Key Management Activities for 2023

1. Revisit Permanent Sample Plots
2. Continue observations of forest health
3. Identify and destroy pests

Secondary Market Activity

1 Ha

Units Sold Since January 2022

4

Average Price

\$15,188

Price Range

\$14,250 to
\$16,000

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

RS

Reselect Measured Crop Tree

Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 2001 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Dunmore North No. 48	53.2	36.3	36.9
Minormore No. 49	48.4	36.6	37.4
Jubilee No. 50	56.7	35.3	36.1
Twin Rivers No. 51	52.9	36.0	36.9
Headwaters No. 52	50.3	38.6	39.6

Key Management Activities Completed 2022

1. Permanent record plots (PRP) revisited and data recorded
2. Continued observations of forest health and monitoring for pests

Key Management Activities for 2023

1. Continued observations of forest health and monitoring for pests
2. Revisit and collect data from Permanent Record Plots
3. Identify and destroy pests

Secondary Market Activity	1 Ha	½ Ha
Units Sold Since January 2022	2	0
Average Price	\$18,000	\$0
Price Range	\$16,000 to \$20,000	\$0

KEY

PRP Permanent Record Plot

DBH Diameter at Breast Height-1.4m from base

Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 2002 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Ducksfield No. 53	45.2	38.9	40.3
Glen Afton No. 54	50.3	34.9	35.4
Big Valley No. 55	47.0	37.1	38.2
Hidden Valley No. 56	51.5	38.0	39.2

Key Management Activities Completed 2022

1. Continued observations of forest health and monitoring for pests
2. Identify and destroy pests

Key Management Activities for 2023

1. Revisit permanent Sample Plots
2. Continue observations of forest health
3. Identify and destroy pests

Secondary Market Activity

1 Ha

Units Sold Since January 2022

5

Average Price

\$16,100

Price Range

\$15,500 to
\$16,500

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

Forest Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 2003 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Greatwood No. 57	48.0	26.3	27.3
Woodview No. 58	44.7	27.6	28.6
White Cliffs No. 59	48.3	36.7	37.1
Pinegrove No. 60	45.7	36.5	37.3
Pinegrove No. 61	46.3	37.5	38.3

Key Management Activities Completed 2022

1. Continued observations of forest health and monitoring for pests
2. Identify and destroy pests

Key Management Activities for 2023

1. Revisit Permanent Sample Plots.
2. Continue observations of forest health.
3. Identify and destroy pests.

Secondary Market Activity

1 Ha

Units Sold Since January 2022

4

Average Price

\$15,000

Price Range

\$13,500 to
\$16,000

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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Forest Data for 2004 Plantings

Partnership Name	Average DBH 2022(cm)	Average Height	Average Height
Data recorded from Permanent Record Plots		2021	2022
Wayleggo No.62	43.9	34.0	34.9
Scotts Bush No. 63	44.3	32.9	33.9

Key Management Activities Completed 2022

1. Continued monitoring for pests and control where necessary
2. Permanent sample plot established

Key Management Activities for 2023

1. Revisit Permanent Sample Plots
2. Continue observations of forest health
3. Identify and destroy pests

Secondary Market Activity

Units Sold Since January 2022	1 Ha
Average Price	\$12,000
Price Range	\$12,000 to \$12,000

KEY

PRP

Permanent Record Plot

DBH

Diameter at Breast Height-1.4m from base

Forest Manager's Comments:

All forest Partnerships are continually monitored by our staff, assessing health conditions and pest control remain our main priority within these forests. Remedial action will be taken if required.

Forest Partnerships continue to show consistent growth rates. "Permanent Record Plots" (PRP) have been established to identify the growth rates of a sample of trees. Data is collected each year from the same trees.

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