Report on 2024 Planting Motueka Catchment Collective

Funders

- Trees that Count funded 5000 plants
- Motueka Catchment Collective purchased and grew shrubs, carexes, flaxes to add 2694 plants to supplement the TTC plantings.
- Total plants reported on 7478 at time of allocation
- Total plants planted 7694 (additional for projects)
- MCC selected 5 special projects to support with some of the TTC plants and added 835 plants to these projects. These were high value wetland projects and also Motueka River edge plantings and trials (not all reported here).

Species planted

	Total	TTC	MCC funded
Coprosma robusta	568	300	268
Hebe narrow leafed (local)	140	0	140
Narrow leafed lacebrk	200	200	0
Kanuka	550	500	50
Rohutu	336	300	36
Pitto. eugenoides	424	400	24
Pitto. tenuifolium	368	300	68
Totara	246	200	46
Wine berry	200	200	0
Marble leaf	300	300	0
Coprosma propinqua	176	0	176
Cabbage Tree	568	400	168
Pōkākā	176	0	176
Griselinia	100	100	0
Hebe Koromiko	132	0	132
Kowhai	200	200	0
Manuka	662	500	162
Mahoe	300	300	0
Ribbon wood	300	300	0
Five Finger	200	200	0
Rimu	100	100	0
South Island Toe Toe	234	0	234
Carex geminata	64	0	64
Carex virgata	376	0	376
Kahikatea	200	200	0
Tenax flax	460	0	460

Extra plants planted by owner

There were an additional 33,512 trees and 3,205 shrubs planted by the landowners this year in addition to the plants provided by MCC. Only 7 of the properties didn't buy more plants

Extra Tree number	Number of properties	Extra Shrub number	Number of properties
0	7	0	12
4	1	10	1
15	1	80	4
80	4	60	2
30	1	400	8
200	4	60	1
63	1	80	1
400	4	84	1
125	1	85	1
126	1	100	1
300	2	150	1
191	1	196	1
400	2	200	1
350	1	300	1
800	2	400	1
500	1	1000	1
1500	1		
1598	1		
3500	1		
10000	1		
13330	1		

Number of planters involved.

- There were 84 unpaid people involved in planting on 35 of the properties and this involved 85 people
- Paid staff were used on 13 of the properties and this involved 20 people.

Description of plantings at time of allocation

Type of planting	Tree number
Dry	1446
Riparian	535
Riparian / Stream	2400
Riparian /Stream/Dry	1860
Wetland	489
Wetland/Dry	348
Wetland/ Riparian / Stream	200
Wetland/ Riparian / Stream Dry	200

Size of properties	Tree number
< 2 Ha	450
> 150 Ha	700
10.1 - 20 Ha	1726
2.1 - 10 Ha	2118
20.1 - 50 Ha	1344
< 2 Ha	1140

Type of properties	Tree number
Deer beef sheep	200
Equestrian	200
Forestry	300
Horticulture Sheep and Beef	200
Lifestyle	3883
Lifestyle community Retreat Centre	200
Lifestyle Horticulture Vegetable	200
Lifestyle Sheep and Beef	200
Mix of grazing, native, wetland and revegetation	200
River Reserve	335
Sheep and Beef	1040
Sheep and Beef Forestry	400
Wetland	120

Reporting using Eat my Carbon software after planting

- All data reported was collected using the EMC software
- Plants were planted on 43 properties. We have collected data for 95% of the trees or 41 of the 43 properties using the EMC software (I will continue persist in trying to get data of the last 2 which accounts for 400 plants).
- Eat My Carbon visibility. 31 landowners opted to have their site visible to the public (5619 trees) and 12 (2075 trees) landowners chose to be invisible to the public

Planting method

What month did planting start?	Tree number	Number of properties
May	400	2
Aug	1683	4
Sept	2531	9
Oct	540	3
June	800	4
July	1340	6

How long did the planting take?	Tree number	Number of properties
<31 days	4732	27
31-60 days	870	5
>60 days	1692	9

Was fertiliser used?	Tree number	Number of properties
Spot spray	2422	14
Blanket spray	2392	13
Grass chipped back from hole site	1440	8
Other	640	4
No preparation	400	2

What vegetation were they planted into?	Tree number	Number of properties
Grazed grass	3415	19
Rank Grass and weeds	1204	7
Blackberry, Gorse	1180	7
Scrub	655	3
Forestry	600	3
Other	240	2

We collected information on site such as soil type, slope, drainage, frost risk, erosion risk which will be relevant relating to survival

Risk of loosing plants due to erosion	Tree number	Number of properties
Low risk of eroding	4354	25
May erode	2640	14
High risk of eroding	300	2

Most plants were planted by digging a hole, though slits were also commonly used and a few were using drills.

How were the plants planted?	Tree number	Number of properties
Digging a hole	4943	27
Digging a hole, Digging a slit	200	1
Digging a hole, Drilling a hole	344	2
Digging a slit	1107	7
Drilling a hole	400	2
Drilling a hole, Digging a hole	200	1
Other	100	1

79% of the plants received no fertiliser

Was fertiliser used?	Tree number	Number of properties
No fertiliser used	5770	32
Surface fertiliser use	544	3
Other	540	3
Fertiliser tabs underground	440	3

85% of the plants had guards

Were the plants guarded?	Tree number	Number of properties
Cardboard guards used	3511	21
Other (plastic etc)	2483	13
None used	700	4
Cardboard guards used, Other	400	2
Cardboard guards used, None used, Other	200	1

34% of the plants were mulched

Were the plants guarded?	Tree number	Number of properties
None used	4785	28
Bark/wood chip used as mulch	829	4
Other	740	4
Wool used as mulch	600	3
Grass/hay used as mulch	340	2