ngp Tree Coach®

Business Case

Planting with Tree Coach® allows you to plant smaller and save up to 21% in your tree planting budget.

Sustainable natural assets require care and investment in their early years.

The greening of our suburbs and streets has become more important than ever. Best practice planting and supported tree growth in the early stages are just as imperative.

Young trees need to be able to move and flex with the wind, causing them to establish an improved root ball and stronger trunk.

Tree Coach® enables smaller, nurtured tree plantings for improved speed to canopy at reduced costs.

We can replace a damaged car in 1 day

To replace a 40 year old failed tree takes 14,600 days.

Impacts of planting with timber stakes

Traditional tree staking has not changed for over 50 years. Product and design innovation are key to improving the staking process.

- **Rigid Stakes** Prevent the tree from moving naturally in the wind
- **Weak Trunk & Taper** Due to lack of natural movement
- **Soil Berms** Can erode quickly leaving water to run off

- **Carbon Emissions** Rotting traditional stakes release carbon back into the atmosphere
- **Root Structure** Lack of trunk movement above ground can result in undeveloped root structure

Costs of planting with timber stakes over planting Season 1 and 2

Root Ball Size		100L	45L	27L	18L
Planting Season Year 1+2	Tree Cost & Install	620.00	450.00	350.00	220.00
	Watering Bowl	40.00	31.00	31.00	24.00
	Timber Stakes x2 per tree	48.00	48.00	48.00	48.00
	Tree Ties x2 per tree	14.00	14.00	14.00	14.00
	Total / $AUD	**722.00**	**543.00**	**443.00**	**306.00**

Benefits of planting with Tree Coach®

All-in-one staking, planting, watering, and protection system

- **Improved calliper development** and tree trunk taper through flexible stakes with GrowFlex Technology®
- **Up to 25% water savings** compared to traditional staking
- **Upper ring captures water** and delivers it to the root zone
- **Stakes are re-usable!** Re-use in your next planting season so your budget and effectiveness extends
- **Planting depth guides** ensure the correct plant occurs improving planting outcomes and tree longevity

Costs of planting with Tree Coach®

S SMALL Tree Coach®
20cm pot to 18L container
price per Unit / $AUD

Tree Coach®	44.00
Tree Coach® BIO	49.00

L LARGE Tree Coach®
18L to 45L container
price per Unit / $AUD

Tree Coach®	59.00
Tree Coach® BIO	64.00

MX MAX Tree Coach®
100L* container
price per Unit / $AUD

Tree Coach®	69.00
Tree Coach® BIO	74.00

Tree Coach® is also available as a custom solution in select colours and with printed options - please enquire for further details

*MAX 100 Litre container up to 3.5m high

Business Case to plant smaller with Tree Coach®

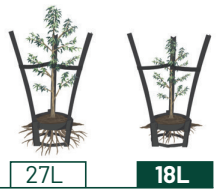
Tree Coach allows planting of smaller stock. The GrowFlex Technology® gives a gym-like workout mimicking the natural movement the tree requires. This 'workout' in the gym creates stronger roots for a more economical tree asset and project cost savings as our recycled stakes are re-usable, unlike rotten timber stakes.

If you plant 100L trees...
you could realise the following savings by planting a 45L tree with Tree Coach

			100L	45L
Planting Season Year 1	Tree Cost & Install Rate			225.00
	Tree Coach® Large	Frame and stakes		59.00
	Tree Ties x3			10.50
	Total Installed Cost			**294.50**
	Net Saving Per Tree / $AUD			**65.50**
Planting Season Year 2	Tree Cost & Install Rate			225.00
	Tree Coach® Large	Frame only - reuse stakes		36.00
	Tree Ties x3			10.50
	Total Installed Cost			**271.50**
	Net Saving Per Tree / $AUD			**88.50**
Planting Season Year 1+2	100L tree installed Year 1+2 with timber stakes			722.00
	45L tree installed Year 1+2 with Tree Coach			566.00
	Net Saving Per Tree / $AUD			**156.00**

If you plant 45L trees...
you could realise the following savings by planting a 27L tree with Tree Coach

			45L	27L
Planting Season Year 1	Tree Cost & Install Rate			175.00
	Tree Coach® Large	Frame and Stakes		59.00
	Tree Ties x3			10.50
	Total Installed Cost			**244.50**
	Net Saving Per Tree / $AUD			**26.00**
Planting Season Year 2	Tree Cost & Install Rate			175.00
	Tree Coach® Large	Frame only - reuse stakes		36.00
	Tree Ties x3			10.50
	Total Installed Cost			**221.50**
	Net Saving Per Tree / $AUD			**49.00**
Planting Season Year 1+2	45L tree installed Year 1+2 with timber stakes			543.00
	27L tree installed Year 1+2 with Tree Coach			**466.00**
	Net Saving Per Tree / $AUD			**77.00**



If you plant 27L trees...
you could realise the following savings by planting a 18L tree with Tree Coach

			27L	18L
Planting Season Year 1	Tree Cost & Install Rate			110.00
	Tree Coach® Large	Frame and stakes		59.00
	Tree Ties x3			10.50
	Total Installed Cost			**179.50**
	Net Saving Per Tree / $AUD			**41.00**
Planting Season Year 2	Tree Cost & Install Rate			110.00
	Tree Coach® Large	Frame only - reuse stakes		36.00
	Tree Ties x3			10.50
	Total Installed Cost			**156.50**
	Net Saving Per Tree / $AUD			**64.00**
Planting Season Year 1+2	27L tree installed Year 1+2 with timber stakes			443.00
	18L tree installed Year 1+2 with Tree Coach			336.00
	Net Saving Per Tree / $AUD			**107.00**

Tree Coach®

Specify Tree Coach® in your developments and incorporate Tree Coach® in your street tree plantings.

Tree Coach® enables smaller, nurtured tree plantings for improved speed to canopy at reduced costs.

	45L v 100L	27L v 45L	18L v 27L
Combined Savings Year 1+2	156.00	77.00	107.00
$AUD savings per 2000 tree planted *	**312,000.00**	**154,000.00**	**214,000.00**

* Estimated savings based on industry averages and geographical locations.

Estimation of tree failure costs

Tree Coach® trials have yielded root plate establishment failure rates as low as 2%. It can help drive down long-term hidden costs involved with replanting failed trees and remedial arboricultural works.
By using Tree Coach®, you're helping to ensure tree health and longevity which consequently reduces exposure to the risks associated with failed trees.

Item	Cost / $AUD
Average tree replacement cost	300
Maintenance and watering	150
Stake Removal	50
Total cost of new tree	**500**

Failure Rate (FR) and Replacement Cost / $AUD

Annual Tree Planting	500	1,000	2,000	5,000	10,000	20,000
2% FR	5,000	10,000	20,000	50,000	100,000	200,000
5% FR	12,500	25,000	50,000	125,000	250,000	500,000
10% FR	25,000	50,000	100,000	250,000	500,000	1,000,000
15% FR	37,500	75,000	150,000	375,000	750,000	1,500,000
20% FR	50,000	100,000	200,000	500,000	1,000,000	2,000,000

Specify the NGP Tree Coach® and improve your success with...

+ Nature and the tree
+ Climate and the environment
+ People and communities
+ A return on natural asset investment
+ A safer workplace practice

How can we support the needs of your tree planting program?

Contact us to enquire: Callum McIntyre (Head of Sales AUS/NZ) **+61 (0) 4 1034 2651**
www.naturalgrowthpartners.com info@naturalgrowthpartners.com +61 (0) 3 9111 2440
PO Box 9058, Scoresby, VIC, 3179
Follow us: @naturalgrowthpartners Natural Growth Partners

Natural Growth Partners®, Tree Coach® and GrowFlex Technology® are trademarks of Natural Growth Partners Pty Ltd. Version 010.202002 ©2020 Natural Growth Partners Pty Ltd.

Disclaimer: Coach product, published data and estimates may vary based on planting practices, geographical and planting conditi ons. To the maximum extent permitted by law, Tree Coach will not be liable for any loss, damage, liability or claim whatsoever suffered or incurred by any person or entity arising directly or indirectly out of the use or reliance on the information contained within all Tree Coach promotional material, videos, and its website.