

# Green News

November 2020



Contact us today to place your order!

## Trade List

DESCRIPTION	GRADE	PRICE
Anemanthele lessoniana	1L	3.95
Apodasmia similis (Leptocarpus similus)	0.5L	2.10
Aristotelia serrata	0.5L	2.50
Aristotelia serrata	1.5L	3.95
Austroderia/ Cortaderia fulvida	0.5L	2.10
Austroderia/ Cortaderia fulvida	1L	3.15
Austroderia/ Cortaderia splendens	1L	3.15
Baumea/ Machaerina articulata	0.5L	2.10
Baumea/ Machaerina articulata	1L	3.15
Baumea/ Machaerina rubiginosa	0.5L	2.95
Baumea/ Machaerina rubiginosa	1L	3.50
Baumea/ Machaerina teretifolia	0.5L	2.50
Baumea/ Machaerina teretifolia	1L	3.50
Blechnum novae-zealandiae	1L	7.95
Blechnum penna maria	1L	7.95
Carex buchananii	1L	3.95
Carex dipsacea	0.5L	2.10
Carex dipsacea	1L	3.15
Carex dipsacea	1.5L	3.95
Carex dissita	0.5L	2.10
Carex dissita	1L	3.15
Carex geminata	0.5L	2.10
Carex geminata	1L	3.15
Carex lambertina	0.5L	2.10
Carex lambertina	1L	3.15
Carex lessoniana	1L	3.15
Carex maorica	0.5L	2.10
Carex maorica	1L	3.15
Carex secta	0.5L	2.10
Carex secta	1L	3.15
Carex secta	1.5L	3.95
Carex solandri	1L	3.15
Carex virgata	0.5L	2.10
Carex virgata	1L	3.15
Carex virgata	1.5L	3.95
Carpodetus serratus	0.5L	2.95
Carpodetus serratus	1L	3.50
Carpodetus serratus	1.5L	4.50
Chionochloa rubra	1L	6.50

DESCRIPTION	GRADE	PRICE
Choisya ternata	2L	6.95
Coprosma acerosa	1L	4.50
Coprosma grandiflora	0.5L	2.95
Coprosma grandiflora	1L	4.50
Coprosma kirkii	0.5L	3.50
Coprosma kirkii	1L	4.50
Coprosma propinqua	0.5L	2.95
Coprosma propinqua	1L	3.95
Coprosma Red Rocks	1L	4.50
Coprosma Red Rocks	2L	6.50
Coprosma repens	0.5L	2.10
Coprosma repens	1L	3.15
Coprosma repens	1.5L	3.95
Coprosma robusta	0.5L	2.10
Coprosma robusta	1L	3.15
Coprosma robusta	1.5L	3.95
Coprosma robusta	50C	1.50
Coprosma tenuicaulis	0.5L	2.95
Coprosma tenuicaulis	1L	3.95
Cordyline Australis	0.5L	2.10
Cordyline australis	1L	3.15
Cordyline australis	1.5L	3.95
Corokia buddleoides	1L	5.50
Corokia Frosted Chocolate	2L	6.95
Corokia Genties Ghost	2L	6.95
Cyperus ustulatis	0.5L	2.10
Cyperus ustulatis	1L	3.15
Dacrycarpus dacrydioides	1L	4.85
Dysoxylum spectabile	0.5L	3.50
Dysoxylum spectabile	2L	6.50
Escallonia Red Knight	2L	6.50
Ficus pumila	1L	7.95
Ficus pumila	2L	9.50
Ficus Tuffi	2L	6.95
Griselinia littoralis (Broadway Mint)	1L	5.50
Griselinia littoralis (Broadway Mint)	1.5L	5.95
Hebe diosmifolia	2L	6.95
Hebe Emerald Gem	2L	6.95



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Hebe odora	2L	6.95
Hebe stricta	0.5L	2.10
Hebe stricta	1L	3.15
Hebe stricta	1.5L	4.50
Hebe Wiri Cloud	2L	6.95
Hebe Wiri Mist	1L	5.50
Hebe Wiri Mist	2L	6.95
Hoheria populnea	1L	3.95
Isolepis/ Ficinia nodosa	0.5L	2.10
Isolepis/Ficinia nodosa	1L	3.15
Juncus gregiflorus/ edgarii	0.5L	2.10
Juncus maritimus/ krausii	0.5L	2.10
Juncus maritimus/ krausii	1L	3.15
Juncus pallidus	0.5L	2.10
Juncus pallidus	1L	3.15
Kunzea ericoides/robusta	0.5L	2.10
Kunzea ericoides/robusta	1L	3.15
Kunzea ericoides/robusta	50C	1.50
Leptospermum Manuka	50C	1.50
Leptospermum scoparium	0.5L	2.10
Leptospermum scoparium	1L	3.15
Leptospermum scoparium	50C	1.50
Libertia grandiflora	2L	6.50
Liriope muscari royal purple	1L	6.50
Lomandra katrinus deluxe	2L	6.95
Macropiper excelsum	1L	3.95
Melicope ternata	1L	4.85
Melicope ternata	2L	4.50
Metrosideros excelsa	1L	3.50
Metrosideros excelsa	1.5L	3.95
Michelia figo	2L	8.50
Muehlenbeckia axillaris	1L	5.50
Myoporum laetum	1L	4.50
Olearia dartonii	1L	3.95
Olearia solandri	1L	3.50
Phormium cookianum	0.5L	2.10
Phormium cookianum	1L	3.15
Phormium cookianum	1.5L	3.95

DESCRIPTION	GRADE	PRICE
Phormium Dark Delight	2L	6.95
Phormium Evening Glow	2L	6.95
Phormium Green Dwarf	1L	3.95
Phormium Jack Spratt	1L	5.50
Phormium Jack Spratt	2L	6.95
Phormium Surfer	1L	5.50
Phormium Surfer	2L	6.95
Pittosporum eugeniooides	0.5L	2.50
Pittosporum eugeniooides	1L	3.50
Pittosporum eugeniooides	1.5L	3.95
Pittosporum tenuifolium	0.5L	2.95
Pittosporum tenuifolium	1L	3.50
Plagianthus divaricatus	0.5L	2.95
Plagianthus divaricatus	1L	3.50
Plagianthus regius	0.5L	2.95
Plagianthus regius	1L	3.50
Poa cita	0.5L	2.95
Poa cita	1L	3.95
Podocarpus totara	1L	4.85
Podocarpus totara	2L	7.50
Prumnopitys ferruginea	1L	4.85
Prumnopitys ferruginea	2L	7.50
Pseudopanax laetus	1.5L	5.50
Rhopalostylis sapida (Nikau Palm)	2L	7.95
Rosmarinus Tuscan Blue	2L	5.50
Schoenoplectus tabernaemontani	0.5L	2.10
Schoenoplectus tabernaemontani	1L	3.15
Sophora chathamica	1L	4.85
Sophora microphyla	0.5L	3.75
Sophora microphyla	1L	4.85
Sophora microphyla	1.5L	7.50
Sophora microphyla	2L	7.50
Sophora tetraptera	0.5L	3.75
Sophora tetraptera	1L	4.85
Sophora tetraptera	1.5L	3.50
Streblus Banksii	1L	4.85
Streblus Banksii	2L	6.50
Westringia Grey Box	2L	6.95





## Chasing the Nectar Flow

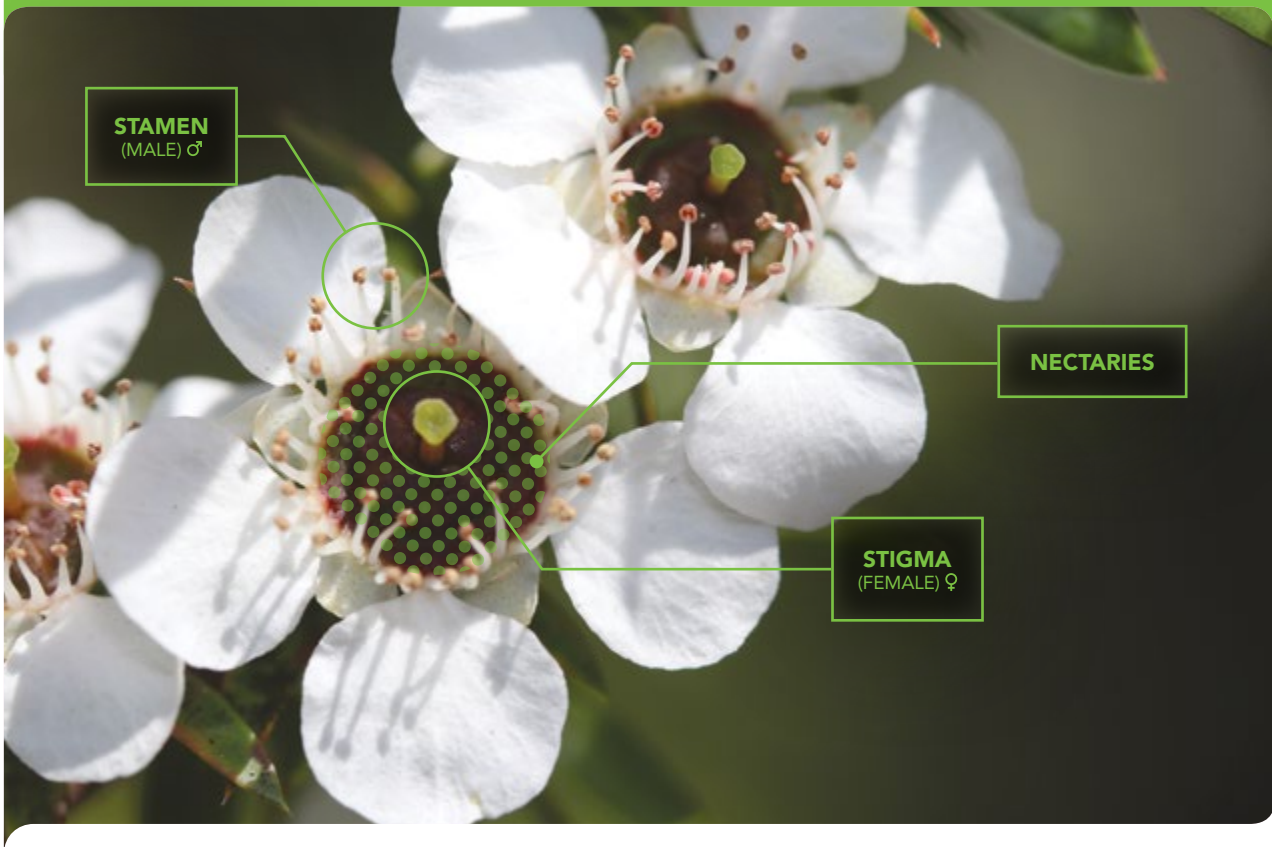
The Manuka flow has begun for the season and the activity of the beekeepers in and around Northland is abundant.

It is possibly easier to detect the hive movements during the nights as the companies move from area to area in the darker and cooler hours.

The season starts when the flowers arrive in the Far North and the daytime temperature is warm enough to generate and secrete the flow of nectar into the flower. Nectar is produced by glands called nectaries. Nectaries can be located on any part of a plant, but the most familiar nectaries are those located in flowers (called "floral nectaries").

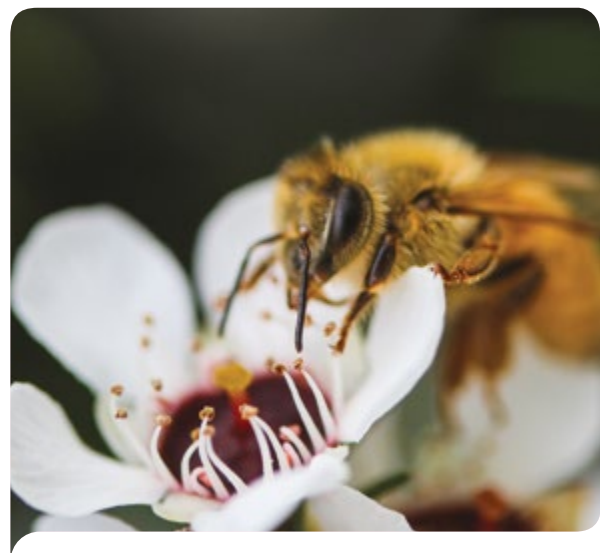


In the Manuka flower the nectaries are located below both the stamen (male) and the stigma (female) inside the petals:



The honey bee forage the flowers sucking the nectar up with their straw like tongue and take it back to the hive to be stored.

Mother Nature is not dictated to by commercial operations and She can be rather harsh at times. This Spring, Mother Nature dealt two big Antarctic storms to the Far North and these were at crucial timing. The first storm came with violent wind and rain and even a tornado near Houhora. The storm knocked a lot of the first flush of flowers off the Manuka and the second storm followed about three weeks later and finished the flowering from a commercial nectar flow for the beekeepers. It was a tough start and a reminder that the Manuka honey industry is not for the hobbyists and faint hearted.





The flow has continued south, and the hives are following. The Manuka nectar flow in a broad sense follows a Koru pattern around New Zealand. It starts in the north and flows east and then wraps around the south and back up the west coast and finishes in the Taranaki.

Kauri Park have studied the pattern of the flow and have established a plant selection breeding program aimed identifying manuka cultivars that exhibit high MGO (methylglyoxal) levels and high productivity from each of these regions. The MGO levels in the honey is usually derived from the DHA (Dihydroxyacetone) levels in the nectar of the flower. There are other factors which can influence the DHA levels, but we believe that genetics and large plantings will play the most significant role in the future of Manuka plantations.

The genetics and breeding program are returning some powerful results. Currently we are seeing the provenances in the breeding orchards at Kauri Park flowering the same flowering patterns as the provenance pattern in the wild. The most compelling data is that the mother plants from the wild for genetics selection and the daughter plants in the orchards are both testing the same levels of DHA.





This information supports our vision of creating plantations that can operate with lengthening the nectar flow on a single site by having a longer flowering periods with multiple provenances. Operationally this takes a huge logistical and hive health factor out of the beekeeping season as the bees can stay in a single location for the full flow.

Kauri Park is listening and learning from nature in this exciting journey of the Manuka industry of NZ.



# KauriPark

[kauriparknurseries.co.nz](http://kauriparknurseries.co.nz)



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