



Tuesday, 18 May 2021 FREQUENTLY ASKED QUESTIONS re AOTEAROA 1 AND THE A1 Subcultivars.

1. How do I become an Aotearoa1 GROWER.
Become a shareholder is the only way. 10,000 shares minimum no further MEDCAN or corporate's; they could if desired purchase an expensive licence to evaluate.
2. How many are currently growing Aotearoa1 ?
currently 12 shareholders throughout the South island. (18 SHAREHOLDERS IN TOTAL CURRENTLY)
3. How Many Cultivars are available?
Currently the main one is Aotearoa 1. There are others approved A1 Monopurp A1MACMono A1 Comseed and A1 HCFX is currently seeking approval.
4. Why is mainly only Aotearoa1 currently grown?
Because it was the first identified and approved in 2008 HSHL has seen many non true to form cultivars and will only provide its approved cultivars to shareholders as totally homogenised at this time.
5. Why would I grow Aotearoa1
Because it is a totally acclimatized generic New Zealand cultivar that in normal growing conditions should return you significantly more in the way of seeds than any other cultivar grown in New Zealand
6. Does it grow in the North Island?
Yes its been grown successfully as far north as Kiatia The originals were first propagated near Napier.
7. What are the Aotearoa1 Genetics?
Significantly different and separated from anything currently or likely to be grown in Aotearoa New Zealand.
8. Will other cultivars become available of the A1 series?
Yes as bulked up and maintaining HSHL standards re purity. HSHL has no faith re seed certification and would like to see genetic sequencing or DNA profiling become the norm accepted standard.
9. What is the consistency re THC testing.?
Aotearoa1 and the A1 series of sub cultivars have been very low and very consistent. Twice the thc test results have risen never above 0.4 however on the first occasion permission was sought to cross with a Chinese cultivar, refused , the second with Kompolti also refused; however despite assurance's otherwise its believed but unprovable by the breeder that these crosses occurred and or mixing the samples to specifically lower the other cultivars thc profile, was the cause.



10. Is the the testing regime fair and allowing the industry to develop?

Certainly not. Dr Ernest Small the Canadian that came up with the 0.3% widely utilised admits twas an arbitrary number for differentiation purposes only and that no psychoactive effect can be obtained under 0.9% therefore lets seek exactly that !

11. Why does Aotearoa1 and the A1 subcultivars exist.?

Because mack imported many of the trial seeds and noted very early on that most were kinda crappy. The current cultivars are the result of long and dedicated work to achieve and bear little resemblance to the “originals” incredibly time consuming. Attention to detail and ensuring no cross contamination is of the utmost importance.

12. So Can I cross it or grow it with another cultivar.

Absolutely not. All issues experienced have been caused by someone’s desire to cross. Its possible in the future this may be considered but due to events right now absolutely no growing alongside other cultivars.

13. Why don’t you allow your cultivar to participate in group cultivar studies et al.

Because its impossible to rely on folks assurances no matter how passionate. One official told me he grew some of our early imported seeds in the backyard “because he was curious” therefore no one is trustworthy are they. BTW I’ve got heaps more example’s like that; where folks are swearing on their sweet grannies life etc only to find “unreliable!”

14. What do you mean when you state Aotearoa1 has the widest variation of all the A1 cultivars?

100 is what percent of 100000000 = 0.0001% 1000 is what percent of 100000000 = 0.001% therefore Aotearoa 1 has a variation of between 0-.0001% and 0.001% as the observed recorded variation is between 100 and 1,000 per million plants. Vis a vis the known variation is incredibly low yet enough to allow future cultivar dissemination from the main genetics ie genetic variation present in all cannabis IHEMP CULTIVARS.

15. Why does Aotearoa1 and the A1 subcultivars exist?.

Because Mack had contacts that assisted him; academics being the main one. Plus no one else was prepared to put in the development time required ie Mack has lived in the crop for many years.

16. Does Aotearoa 1 have a trademark?

Yes “Aotearoa1 (NZ Industrial Hemp Cultivar)TM”

17. Why aren’t you more open re origins etc.?

Because the forces of dark apparently are ever present and that much work has been done and ongoing that some are in fact trade secrets sorry. Ie some try to dispossess us of our IP. It has over the years cost millions to get to here with much further work required.

18. What are the fertilizer requirements?

This is kinda like asking how long is a piece of string. In Macks view you can’t overfeed humic acid or 112 kg DAP per ha; this requires more cost benefit ratio analysis.

19. No seed is ever supplied without a current viability test and instructions re how to do one upon seed receipt.



20. What do growers/farmers do with produce:

Many manufacture their own Hempseed oil or hulled hempseeds cosmetics skincare products. Increasingly folk are keen on producing with fibre from carpet underlay to bio plastics. You have to currently have a product in mind theres not much in the way of purchasers of raw materials. Phytoremediation or bioremediation will develop over time with any cultivar

21. When was Medical cannabis first sought re Industrial hemp as a revenue stream?

Immediately ie 1998. Mack presented to the select committee re cannabis n health 2001 and had the committee in tears as he described his wifes cancer and nurses advice re cannabis. Advised by the ihemp hero Phillida Bunckle achieved; going to occur under licences similar to ihemp. Govt changed, appears to have gotten lost and all we ended up with was Sativex.

22. Are there other products currently either not legal or undeveloped re ihemp.

Yes there's heaps such as hemp tea, hemp pollen, Hemp drinks etc made from leaf and seed heads. (You can even extract from the stalk an invigorating Health Drink) Disposable edible fast food containers the list is as big as ones imagination ie anything that can be made from hydro carbons can be made from carbohydrates.

23. So what the holdup what's stopping I hemp talking off?

Mainly lack of government support total government failure to recognize the huge economic opportunity and downright ministerial and bureaucratic ineptitude; it has not been assisted by the capitalistic gold rush re Medical Cannabis has it?

24. So what the holdup what's stopping I hemp talking off?

MODA Misuse Of Drugs Act, Minister against advice moving CBD into the Medicines Act with apparent collusion from the ministry who stated when setting the 75mg cbd in hemp food : "to ensure no therapeutic or medical affect" with no clue nor science to back up the claim. MOH/MC even require you to have a licence to possess ihemp roots yet no one in the history of the world has ever been busted for ihemp or mj roots ever!

25. Why don't you have empathy for the officials? it's a hard job surely?

I do and have, I acknowledge the job is difficult and with increasing applicants and medcan getting more so; but they stretch you when they tell a fib then double insult you by expecting you to believe and endorse said fib. ☹

26. What do you mean when you state Aotearoa1 Breeders Selection.

What that's referring to is the known approved cultivar known as Aotearoa1 as all subsequent A1 Cultivars arise from that base stock. Its simply a generic term. There appears NO COMPREHENSION re what public safety the 2006 legislation is enforcing by officials; they often appear more interested in catching someone re some new determination they've made totally not in the ihemp legislation. This is due to "delusion/paranoia" nothing else.



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2) **Conditions** - in line with your previous Research and Breeding licence the condition on the licence requiring testing has been removed, as you are researching an already approved cultivar.

27. So how does this get unblocked?

By demanding that Ihemp is totally legalized as per the UN Single Treaty Convention Given the UN single Treaty Convention clearly and precisely states

□ **The Convention shall not apply to the cultivation of the cannabis plant exclusively for industrial purposes (fibre and seed) or horticultural purposes and that none of foods drinks protein powders etc are illicit (article 28.3) Hempseed Holdings Ltd call on the NZ government to immediately with haste:**

Legalize ihemp immediately and totally remove from MODA and any influence whatever from MOH.

So Whats required?

1. Legalize ihemp immediately and totally remove from MODA and any influence whatever from MOH.
2. ENSURE no dual licences promoted by NZMCC are allowed to interfere with ihemp but that it has stand alone legislation totally outside MOH MODA and allowing all revenue streams including sales OF RAW MATERIAL TO ANY COMPANY FOR ANY PURPOSE THAT'S LEGAL.
3. Define it in separate legislation as legal with a thc limit not above 1%
4. Ensure all contents naturally occurring are legal INCLUDING BUT NOT LIMITED TO CB'S TERPENES FLAVONOIDS
5. Ensure the appropriate Ministry in fact administer its suggested MBIE because its got all required and currently lacking ie business, innovation, enterprise.

Un single treaty convention:

Article 28

CONTROL OF CANNABIS

1. If a Party permits the cultivation of the cannabis plant for the production of cannabis or cannabis resin, it shall apply thereto the system of controls as provided in article 23 respecting the control of the opium poppy.

2. This Convention shall not apply to the cultivation of the cannabis plant exclusively for industrial purposes (fibre and seed) or horticultural purposes.

3. The Parties shall adopt such measures as may be necessary to prevent the misuse of, and illicit traffic in, the leaves of the cannabis plant.