

# AOTEAROA 1

Pure NZ Industrial Hemp  
Cultivar Creators

**Aotearoa1 (NZ Industrial Hemp Cultivar)<sup>TM</sup>**



# MODERN DAY USES FOR HEMP



This is only a small part of innovative products industry is creating world wide. It does not mention health foods , flavonoids, Terpenes or cbc et al; which are known beneficials to the human /animal body



<https://www.hempseedholdingsnz.com>



**HEMPSEED HOLDINGS LIMITED**

**Aotearoa 1 (NZ Industrial Hemp Cultivar)<sup>TM</sup>**

[www.hempseedholdingsnz.com](http://www.hempseedholdingsnz.com)

**Aotearoa 1 and the 5 A1 series of approved cultivars.**

**WHATS IS BEING OFFERED ?**

**Mack's desire is that Aotearoa1 and the 4 A1 approved landrace Generic Aotearoa New Zealand created sub cultivars will be owned by NZ Ihemp industry owner operators ☒**

**Our understanding is that there is a growers' group recommending to government that an \$ 8 million joint venture with by MPI be set up to develop a new NZ acclimatized cultivar this gives an approximation of the expected cost in today's dollar of developing a new cultivar equivalent to what has been developed by Mack over the last 20 years. X 5 ☺**

**These cultivars represent a significant business opportunity for a Shareholder/Buyer wishing to fully exploit the full economic potential of these cultivars**



# Approved Cultivars of Industrial Hemp

Version 1.3 (1 October 2021)

This document lists the cultivars of industrial hemp approved pursuant to regulation 5(1) of the Misuse of Drugs (Industrial Hemp) Regulations 2006.

Approved Cultivar	Date Approved	Link to Published <i>New Zealand Gazette</i> Notice
<b>A1 COMSEED</b>	30 June 2020	<a href="https://gazette.govt.nz/notice/id/2020-go2915">https://gazette.govt.nz/notice/id/2020-go2915</a>
<b>A1 HCFX</b>	22 September 2021	<a href="https://gazette.govt.nz/notice/id/2021-go4157">https://gazette.govt.nz/notice/id/2021-go4157</a>
<b>A1 MACMONO</b>	30 June 2020	<a href="https://gazette.govt.nz/notice/id/2020-go2915">https://gazette.govt.nz/notice/id/2020-go2915</a>
<b>A1 Monopurp</b>	26 February 2019	<a href="https://gazette.govt.nz/notice/id/2019-go897">https://gazette.govt.nz/notice/id/2019-go897</a>
<b>Anka</b>	7 September 2006	<a href="https://gazette.govt.nz/notice/id/2006-go6107">https://gazette.govt.nz/notice/id/2006-go6107</a>
<b>Aotearoa 1</b>	31 July 2008	<a href="https://gazette.govt.nz/notice/id/2008-go5518">https://gazette.govt.nz/notice/id/2008-go5518</a>





Left associate Professor John Mcpartland co author Hemp Pests and Diseases supplied original seedstock. The current approved cultivars are very different and the genetics are not available anywhere but the A1 series globally .







**Wisdom has been chasing you,  
but you have always been faster.**

The wisdom is  
here in  
Aotearoa 1 and  
the A1 series of  
Generic  
landrace  
Aotearoa New  
Zealand  
Industrial Hemp  
cultivars



If you want to see what Mack's achieved previously this 28 minute Doco by Kate Bradbury and Bill Morris  
<https://vimeo.com/34920723>







# **AOTEAROA1**

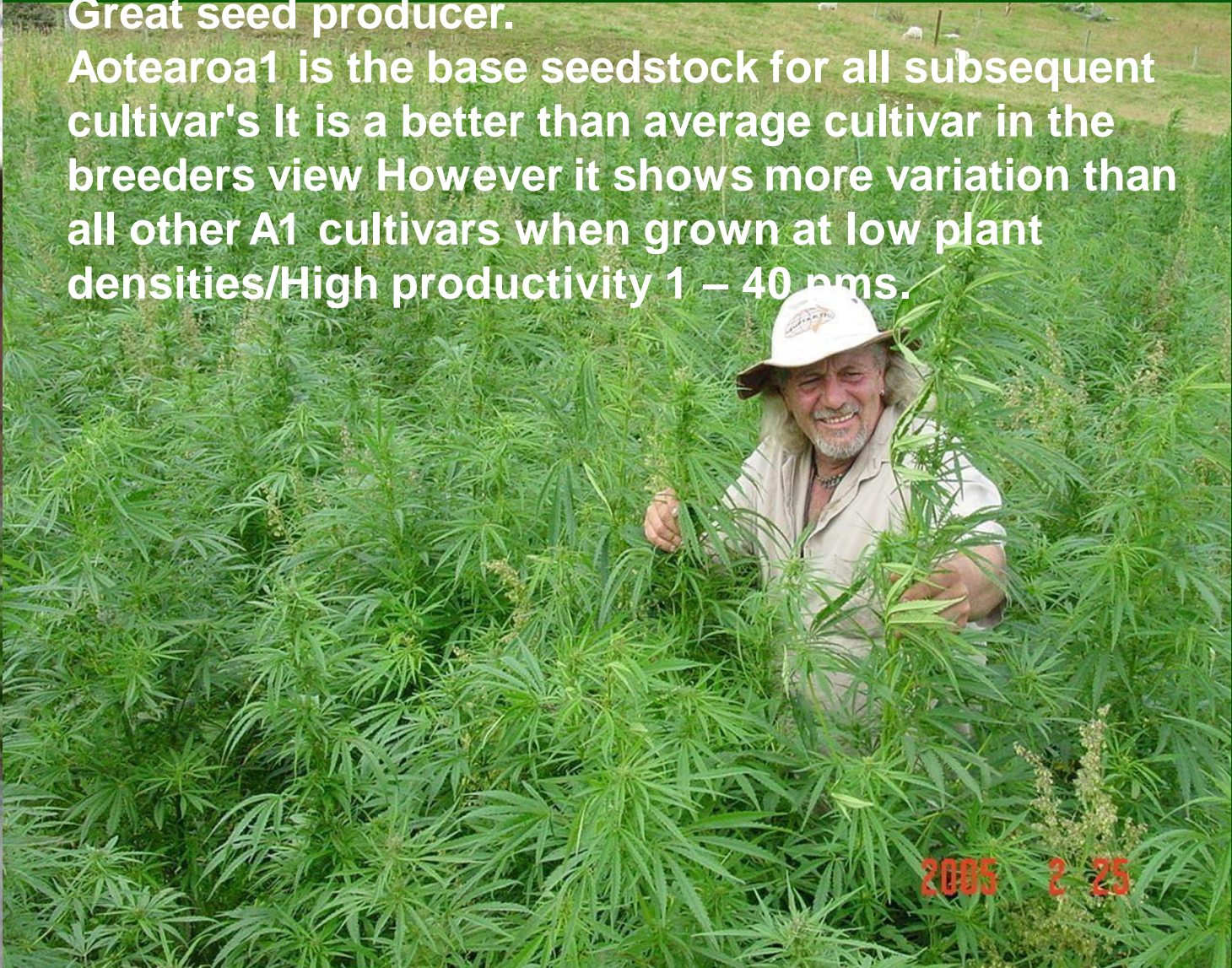
## ***Cultivar Characteristics***

*Cannabis Sativa* – approved 31 July 2006

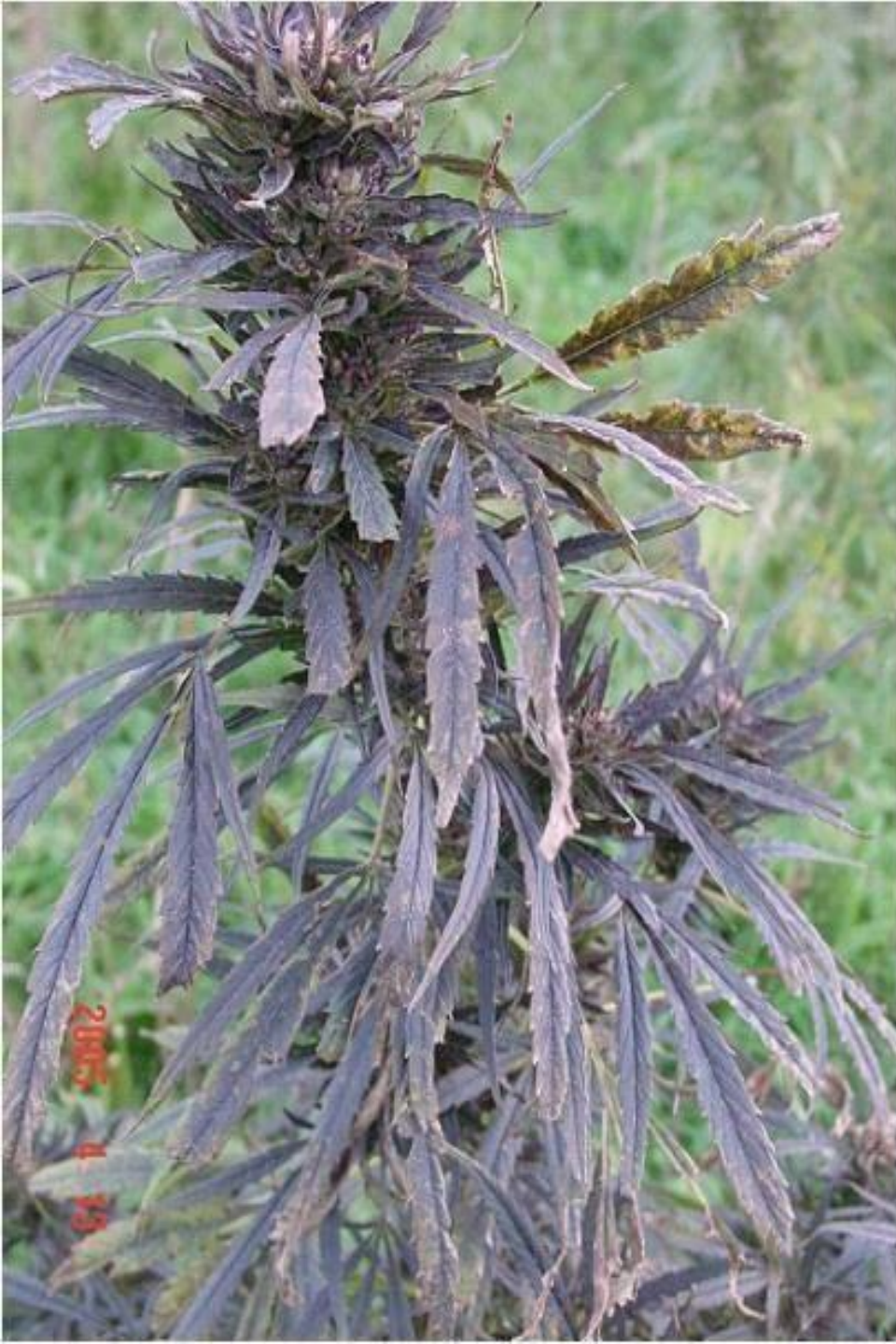
**Dioecious Seed /Fiber.**

**Great seed producer.**

**Aotearoa1 is the base seedstock for all subsequent cultivar's It is a better than average cultivar in the breeders view However it shows more variation than all other A1 cultivars when grown at low plant densities/High productivity 1 – 40 tms.**







Mildly Monoecious  
very hardy  
Good seeds but not  
volumous  
Useful for specific  
outcome sought ie  
specific stearidonic acid  
oil profile et al.

**A1MONOPURP**

**A1 Monopurp**

**approved 26 February  
2019**







A1 COMSEED

continuous single seed  
all the way up stalk  
low 1.5m max

*Cannabis Sativa – Dioecious*

**A1 COMSEED** ie Commercial  
seedstock for broad acre  
farmers. *Seed - Fibre  
Production*

*It's a delightful wee favourite! 😊*

**Suitable for traditional Broad  
acre Farmers**

**Breeder has not grown in broad  
acre context however it should  
be very useful in that it has one  
stalk only, low ie 1.2 m – 1.5 m at  
ie 20 –40 ppms, breeders  
location very heavy seeder  
Ideal for broad acre seed  
farming.**



**A1 MACMONO (left) & A1 HCFX (right) ie they're very similar and apart from male flowers could easily be mistaken for the other .**







*Cannabis Sativa – Highly*

## *MONOECIOUS*

A1 MACMONO ie

Commercial seedstock for  
broad acre farmers and market  
Garden regime of cultivation.

*Seed - Fibre Oil production*

A fabulous multi purpose multicrop  
high producing cultivar ie seeds and or  
fibre all related to days to harvest ie  
fibre approx. 70-90 days. for  
traditional Broad acre Farmers but  
specifically suitable for Market Garden  
Regime (Low Volume individual plant  
husbandry = high yields specifically re  
seeds) of production.

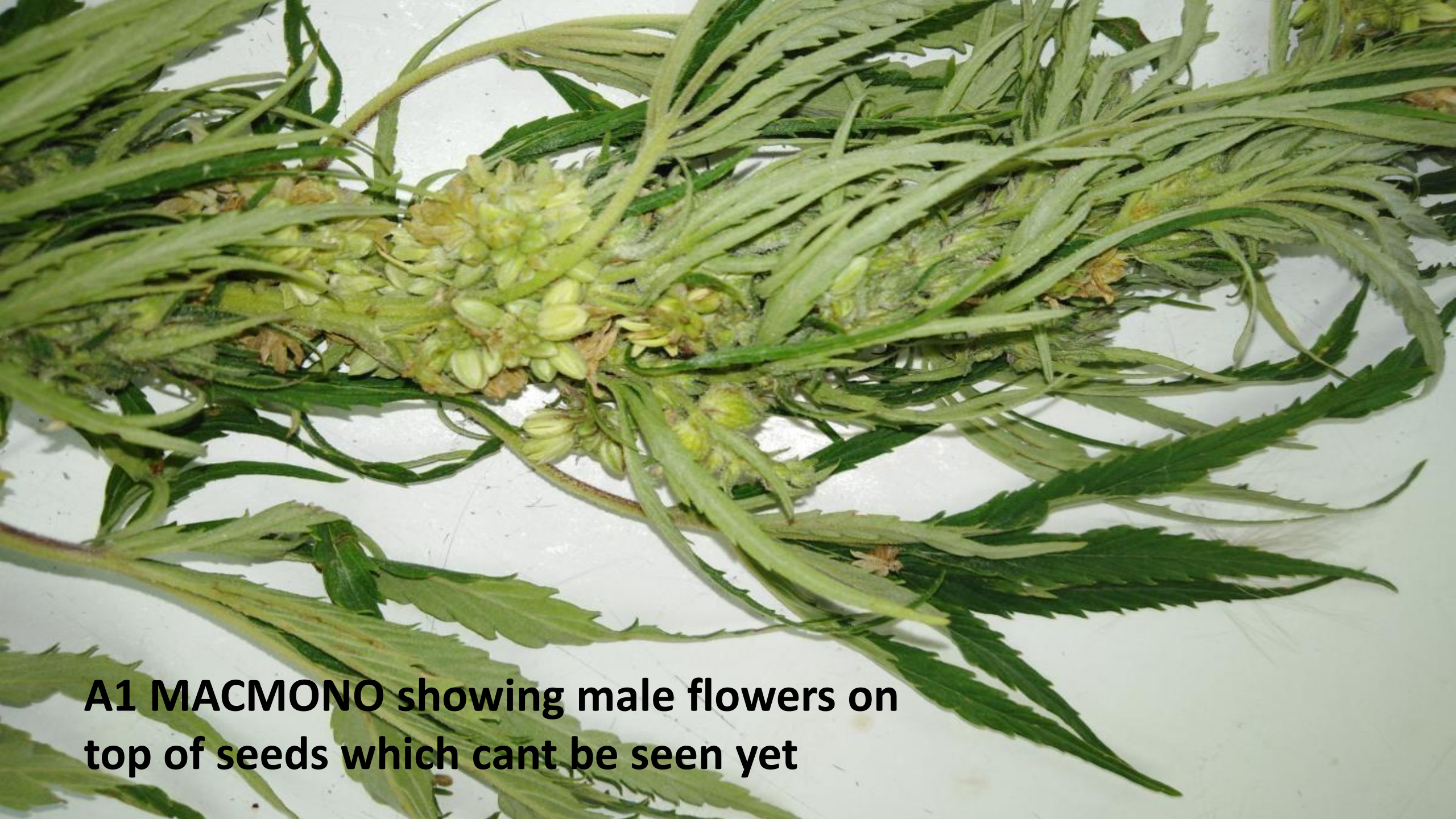
High seed yielding multi-branched

**Very useful due to plant uniformity**

re stalk fiber farming /cultivation or  
multi seed fiber . High planting rate for  
Fiber only.

All female seeds.





**A1 MACMONO showing male flowers on top of seeds which cant be seen yet**





**A1 HCFX the super cultivar**



# Hemp Pollen — High Omega 3,6,9 eggs potential

Hemp Pollen may have potential..





# AOTEAROA1 SEED BREEDING LINES

## HCFX

- Large multi-branched heavy seeding plant. Frost, disease, pest resistant. Goes deep green with feeding.
- Large heavy well-aerated seeds. Vigorous growth continuously creating new branches up to 30 naturally. If cut back pre-seed head formation up to 45 seed heads average.
- Probably most suited to the Market Garden Regime of individual plant husbandry.
- Seed weight per plant is significantly above all other potential lines in MGR spacing.
- Very consistent look. Consistent 1.8 – 2m. Avg 1kg per plant





NB try and supply the correct name. I've discussed with Hills Lab and they don't have the time to be their other's keeper so if you provide incorrect this is what you get 😊 likely only matters to me n MOH 😊

Sample Type: Hemp Flower (dry)				
Sample Name:		A1 Mac Mono 19-Mar-2022	Specified Limit	Outside Limit
Lab Number:		2926406.1		
Hemp Tetrahydrocannabinol Analysis				
Total Potential Tetrahydrocannabinol (THC)	% (w/w) dry wt	0.071 ± 0.028	0.35	No
Δ <sup>9</sup> -Tetrahydrocannabinol (THC)	% (w/w) dry wt	0.021 ± 0.020	-	-
Δ <sup>9</sup> -Tetrahydrocannabinolic acid (THCA)	% (w/w) dry wt	0.057 ± 0.022	-	-

A1 MACMono showing low thc thca results. Most often all Aotearoa 1 come back combined around total 0.056% thc thca combined.

Some of the higher readings often heard are most often related to one open source cultivar and folk attempting to grow females only as a cheap way of producing the

**misnamed MEDICAL CANNABIS.**







**I HEMP IS PART OF THE SOLUTION!! 😊**

**I HEMP HAS THE POTENTIAL TO BE A GREAT EARNER**