

VICTORIAN HEMP INQUIRY

AN URBAN GREEN FARMS INITIATIVE - A SIMPLIFIED APPROACH

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REGULATORY REFORM

- In light of the recent Hemp Inquiry, Urban Green Farms and our consortium partners believe that the Victorian Government is not required to support, regulate or manage the Hemp Industry.
- Our key stakeholders are already operational in the private sector. They are willing to carry the risks and rewards of a deregulated industry, or at the very least, a significantly reduced regulatory oversight that eliminates the burden on business and provides clear demarcations between Cannabis and Hemp.



SIMPLIFICATION OF ONBOARDING

- Readily available online pre-application form (one-pager), eliminating the need to call customer service. [Link](#)
- API link automatic integration to Vicroads, DELWP Titles Office and National Police Check.
- Prefilled Business modelling - already available through Urban Green Farms
- Application to join Soil Saviour's Hemp Program includes guaranteed purchase agreements, Soil testing and profiling, 24 Carbon monitoring network and [Stella Blockchain](#) integration, and a 24-hour support platform.



ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE)

- The Ecological benefits of Hemp are well known. However, there needs to be more understanding of the actual benefits of soil biology in Australia. We have considerable unreleased data on the benefits of Hemp's impact on soil recovery, carbon sequestration and, most importantly, Nitrous Oxide.
- There is no institution or organisation in the world that understands soil biology like our team at Happy Soils (powered by Urban Green Farms).



ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE)

- Job Creation
- Agricultural Income
- Export Revenue
- Downstream Industries
- Research and Innovation
- Tourism and Education
- Regional Development
- Tax Revenue
- Reduced Import Dependence
- Sustainability and Environmental Benefits



WHEN COMPARING THE YIELD OF HEMP (HURD AND FIBRE) OVER A 25-40-YEAR PERIOD TO PINE TREES (TIMBER) OVER THE SAME TIME FRAME, IT'S IMPORTANT TO CONSIDER THE DIFFERENCES IN GROWTH CYCLES AND PURPOSES BETWEEN THE CROPS. HERE'S A COMPARISON...



ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL OPPORTUNITY (EEE) - COMPARISON TO PINE - 25 YEARS

HEMP: 625 METRIC TONS PER HECTARE = \$833,333 AUD

PINE: 250 METRIC TONS PER HECTARE = \$100,000 AUD

THE PERCENTAGE DIFFERENCE IN YIELD BETWEEN HEMP (625 METRIC TONS PER HECTARE) AND PINE (250 METRIC TONS PER HECTARE) IS 150%. THIS MEANS THAT HEMP HAS A 150% HIGHER YIELD PER HECTARE COMPARED TO PINE UNDER THE ASSUMPTIONS PROVIDED.



REAL LIFE EVIDENCE

The screenshot shows a webpage layout for a case study. At the top right is a share icon. The main content area is divided into sections: 'OVERVIEW', 'APPLICATION METHOD', and 'RETURN ON INVESTMENT'. The 'OVERVIEW' section lists three bullet points about the viability of Happy Soils for hemp production. The 'APPLICATION METHOD' section lists three bullet points about product use and includes an image of four product bottles. The 'RETURN ON INVESTMENT' section features a list of three bullet points and three circular graphics showing financial data: \$300 cost per ha, \$3900 price sold per tonne, and \$3600 farmer profit per ha. A footer bar contains contact information, and a dark navigation bar at the bottom has zoom controls.

CASE STUDY- SNAPSHOT
HEMP FARM
CASE STUDY PERIOD: 2 YEARS
CROP: HEMP - 8 HECTARES

HAPPY SOILS
love the earth

KISS - the - GROUND

OVERVIEW

- DEMONSTRATE THE VIABILITY OF HAPPY SOILS FOR HEMP PRODUCTION.
- BEFORE THE HAPPY SOILS PROGRAM IMPLEMENTATION, THE FARM WAS YIELDING 1.2 TONNES OF RAW HEMP
- PROVIDE EVIDENCE OF YIELD IMPROVEMENT AND ROI.

APPLICATION METHOD

- PRODUCTS- ACTIVATE, ENERGISE, BALANCE AND HEAL'N SHIELD
- MIXED WITH WATER AS PER LABEL REQUIREMENTS AND BOOM SPRAYED.
- APPLIED AT GERMINATION AND REPEATED 8 WEEKS LATER.

RETURN ON INVESTMENT

- 2019- INITIAL APPLICATION RESULTED IN A COMPARATIVE GROWTH RATE INCREASE OF 33% FROM 1.2 TONNES PER HECTARE TO 1.6 TONNES PER HECTARE.
- 2020- THE RESULTS OF THAT SEASON WERE 3 TONNES PER HECTARE.
- RECORD-SETTING CROP YIELD FOR THE COUNTRY.

\$300
COST PER HA

\$3900
PRICE SOLD PER TONNE

\$3600
FARMER PROFIT PER HA

NEED MORE INFORMATION? PLEASE CALL US OR EMAIL INFO@HAPPYSOILS.COM.AU



ECOLOGICAL, ECONOMIC AND ENVIRONMENTAL - CARBON DRAWDOWN PER/ HECTARE - 25 YEARS

HEMP DRAWDOWN = 11.875 METRIC TONS/HA/YEAR = 35.625

PINE DRAWDOWN = 9.5 METRIC TONS/HA/YEAR = 9.5

HEMP 115% MORE DRAWDOWN

\$50 PER TONNE X 35.625 = \$1781.25/HA/YEAR

COMPARED TO PINE = \$475/HA/YEAR





**FOR MORE INFORMATION, PLEASE CONTACT
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