

About the
Industrial
Hemp
Association of
South Australia

IHASA is an association formed to promote the benefits of growing, manufacturing and using industrial hemp products in South Australia.


Industrial hemp can be an alternative to many current unsustainable manufacturing processes, especially those derived from fossil fuels.

IHASA
Industrial Hemp
Association of
South Australia Inc

IHASA is working to support the development of industrial hemp as a valuable and sustainable product in South Australia.

Scan the code
to find out more



 IHASA

email: contact@ihasa.org.au

 IHASA

Industrial Hemp
Association
of South Australia

educate
innovate
collaborate

www.ihasa.org.au

What is industrial hemp?

- Industrial hemp includes a wide range of varieties of the cannabis sativa plant.
- Hemp has been grown for fibre, seed and oil by many cultures over thousands of years.
- Industrial hemp has zero to very low THC and cannot produce the effects of the high THC variety commonly called marijuana.
- Growing hemp was prohibited in the USA in the 1930s to support the manufacture of synthetics derived from oil.

Key properties of industrial hemp

- It's renewable.
- It has the capacity to improve soil structure, requires less water than many other crops and is adaptable to diverse growing conditions.
- It is a fast-growing crop suitable for crop rotations.
- It has a high fibre yield comparing favourably to other crops including cotton.
- It's wide range of uses makes it a great substitute for many non renewable resources.
- It is a significant carbon sequester, absorbing up to 22 tons of CO2 per ha.
- It is resistant to mould and bacteria.

What can industrial hemp offer South Australia?

- The tough outer fibre (bast) and the softer inner fibre (hurd) can make fibre board, insulation, packaging, interior car panels, fabrics, paper, animal bedding, netting, bio-fuels and much more.
- The fibres can also be mixed with other compounds to form high-quality composites for industrial use.
- Hempcrete is made from hemp hurd, a lime-based binder and water.
- Hempcrete is fire retardant, termite resistant and has high insulating and acoustic properties.
- Hemp seed is a high-value food, rich in omega 3, 6 and 9. It is also a great source of protein, fibre, vitamins and minerals.
- Hemp seed oil is a renewable fuel.



Hemp was the most grown fibre crop around the world in the 19th century. It has been grown in many countries for thousands of years. Being the exceptional plant that it is, hemp can be grown under diverse conditions and produce a wide range of valuable products.



The many uses of industrial hemp

