

# Hemp

Hemp can be grown for oil, fibre (bedding, construction) and medicinal products.

## Production and Returns

- 800-1000 kg/ha seed
- 3-4 t/ha for fibre

## Processing and Market

- Various uses – seed for oil, fibre, cannabis extraction
- Harvesting can be a problem due to fibrous nature of plant

## Climate and Soil Suitability

- Short day plant, flowers when daylength is less than 12 hours
- 100-110 growing days for grain and 70-90 days for fiber
- Requires 250-300 mm water. May require irrigation in dry areas.
- Soil temperature of 7-15 C. Avoid heavy soils

## Environment

- Requires 100-130 kg N/ha. Can be lower requirement than other crops.
- Can be grown with no herbicides, fungicides or insecticides.

## Information and Support

Blair Drysdale from Hopefield Hemp in Northern Southland will be recording a podcast which will be available on the [Tairi LUDO website](#) under development. Hopefield hemp produces hemp oil products. <https://www.hopefieldhemp.co.nz/>

## References

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