



HFA
HEMP FARMS AUSTRALIA

2024 REGISTERED AND CERTIFIED SEED CATALOGUE

GLOBAL LEADER IN TROPICAL HEMP SEED GENETICS

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ABOUT US

Hemp Farms Australia (HFA) is an Australian leader in industrial hemp seed genetics, combining more than 20 years of traditional breeding, data-driven selections and industry expertise to supply premium registered and proven genetics for tropical and sub-tropical climates.

Our non-GMO, proprietary hemp seed is a testament to our commitment to high-yield, fast growth, and sustainable production. It is designed to thrive in harsh climatic conditions, mitigating the risks of crop failure and poor yield performance. Moreover, it promotes soil health and environmental sustainability. At Hemp Farms Australia, we take pride in our role in expanding the hemp industry in Australia and worldwide.

HFA's genetic seed bank is the result of a meticulous process that began in 1996. We combine traditional breeding methods with genomic-supported data, a unique approach that allows us to continually enhance our current varieties and explore new hybrids, ensuring our customers always have access to the latest advancements in industrial hemp seed genetics. For clients purchasing 40+ha of seed, we include a comprehensive agronomy assistance package.



Registered and third-party tested seed



The HFA seed bank consists of dioecious cultivars, multi-purpose hemp seed varieties that have been well-bred for commercial grain, dual-purpose and fibre focused results. These were the highest-performing and yielding cultivars in the 2022 and 2023 National Agri-Futures Australia trials, held in eight locations across Australia. HFA's varieties have been Australian-bred for 20 years, which has resulted in stable, high-yielding performances perfectly suited to latitudes +/- 16° and +/- 38°.

Our varieties yield best with drilled row spacing when planted at the right time and with adequate weed management. Planting rates are recommended according on row spacing, weed pressure, and major production focus: grain, fibre, or hurd.



BUNDY GEM

■ **TRAIT AVERAGES**

<p>CONVENTIONAL SEED</p>  <p>Average germination capacity over 10 years : 85%</p>  <p>Average impurity rate over 5 years: 1%</p>	TYPE:	Dioecious
	MATURITY TRIGGER:	30-35 Days Post Planting - Males Flowering
	YIELD:	Grain 1,600kg+ / ha
	BIOMASS:	6,000kg/ha
	THC %:	Under 0.05% THC
	CBD %:	Under 0.1%
	CROP CYCLE:	90 days
	SEED SIZE:	Average 3.5-4mm

Information & Characteristics
Registered Industrial Hemp Variety - Bundy Gem Registration#2008/129


Bundy Gem is an Australian industrial hemp cultivar bred in early 2008 within the Bundaberg region of Queensland, Australia. Hemp Farms Australia has grown Bundy Gem in all states of Australia since 2013, achieving strong, consistent yields and growing natural defences against Australian soil-borne diseases/viruses. Bundy Gem thrives in the Summer and Winter seasons, being used as Australia’s go-to grain variety for national all-year-round supply chains. Versatility and adaptability are key advantages to Bundy Gem. Bundy Gem has achieved three crops annually in Northern New South Wales and Queensland.



WONGARRA


TRAIT AVERAGES

CONVENTIONAL SEED



85%

Average germination capacity over 10 years :



2%

Average impurity rate over 5 years:

TYPE:	Dioecious
MATURITY TRIGGER:	Late Flowering
Grain Yield	650kg/ha
Fibre Yeild	17,000kg/ha
THC %:	0.02%
CBD %:	Average 6%
CROP CYCLE:	120 days
SEED SIZE:	Average 4 - 4.5mm

Information & Characteristics
Registered Industrial Hemp Variety - Wongarra Registration#TBC

A unique fibre line identified within our Farnsfield cultivar, Wongarra emerged as a dominant later flowering variety possessing strong phenotype attributes focused on tall, high-yielding, late flowering and minimal branching from core stems. Wongarra is HFA's fastest fibre production variety, reaching optimal yield and fibre/hurd composition for harvesting within 120 days.



RUBY

■ **TRAIT AVERAGES**

CONVENTIONAL SEED

85%

Average germination capacity over 10 years :

1%

Average impurity rate over 5 years:

TYPE:	Dioecious
MATURITY TRIGGER:	Mid Flowerign (Mid January Flowering)
Grain Yield	1,500kg/ha
Fibre Yeild	12,000kg/ha
THC %:	Under 0.10% THC
CBD %:	Under 0.1%
CROP CYCLE:	110 days
SEED SIZE:	Average 3.5-4mm

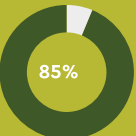
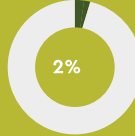
Information & Characteristics
Registered Industrial Hemp Variety - Ruby Registration#2006/202

Ruby (Dual-Purpose) is an Australian industrial hemp cultivar bred in 1998 throughout the Bundaberg region in Queensland, Australia. As a Dual-Purpose variety, Ruby can be sown throughout Australia prior to Christmas (September – November) to achieve a dual-purpose crop or sown early in the year (January–March) to achieve a large percentage of grain compared to biomass. Ruby has successfully been grown in rotation with other intensive crops, such as cotton and corn, to reduce soil erosion, improve soil structure, and increase soil fertility.



King Gee 2.0

■ TRAIT AVERAGES

<p>CONVENTIONAL SEED</p>  <p>Average germination capacity over 10 years : 85%</p>  <p>Average impurity rate over 5 years: 2%</p>	TYPE:	Dioecious
	MATURITY TRIGGER:	Late Flowerign (Mid April Flowering)
	Grain Yield	Grain 100kg+ /ha
	Fibre Yeild	16,000-18,000kg/ha
	THC %:	Under 0.20% THC
	CBD %:	Average 6%
	CROP CYCLE:	135 days
	SEED SIZE:	Average 4-4.5mm

Un-registered Industrial Hemp Variety - King Gee 2.0

King Gee 2.0 is an industrial hemp cultivar bred in Australia during the 90s. It is known for its high biomass production and late flowering characteristics. When planted accordingly, it is ideal for fibre and hurd-focused production. King Gee can be planted throughout Australia before Christmas (September - December), and it will flower in April of the following year. The highest quality of fibre can be captured and harvested during this flowering period, with the crop achieving up to 90 days of vegetation and reaching a height of five metres. King Gee has been successfully grown in various climates across Australia, including hot, dry, and humid regions, while still yielding impressive fibre and hurd quantities.



Why choose HFA as your dedicated seed supplier?



1

Experience and Expertise:

HFA has over 20 years of experience in traditional breeding, data-driven selection, and agribusiness knowledge. This extensive experience demonstrates their deep understanding of hemp genetics and cultivation practices.

2

national AgriFutures Australia trials:

HFA's cultivars have consistently performed well in National Agri-Futures trials across Australia. This third-party validation of their cultivars' performance adds credibility to their reputation as a supplier of high-quality hemp seed.

3

Agronomic Support:

HFA offers a comprehensive agronomic package with the purchase of their hemp seed, providing personalised support from experienced agronomists. This level of support demonstrates their commitment to helping farmers achieve successful hemp cultivation.

4

Focus on Sustainability:

HFA's cultivars are bred for improved nutrition and sustainable production practices, aligning with the growing demand for environmentally friendly agricultural solutions.

5

Variety and Innovation:

HFA continuously improves its cultivars and explores new hybrids by combining traditional breeding methods with genomic-supported data. This commitment to innovation ensures that it offers a diverse range of high-performing varieties to meet the needs of different growers.

6

Industry Leadership:

HFA is described as an Australian leader in hemp seed genetics, indicating their prominent position and contribution to expanding the hemp industry in Australia and globally.



GET IN TOUCH

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