



## **2023 REGISTERED & 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 hemp seed genetics, combining over 20 years of traditional breeding, data driven selections and agribusiness knowledge to supply premium registered industrial cannabis genetics suited to or suitable for sub-tropical climates.

Our non-GMO, proprietary hemp seed is bred for high yield, improved nutrition, and sustainable production, reducing agriculture's carbon footprint while enhancing the health of people, animals, and soil. We achieve this by combining traditional breeding, contemporary genomics, and agronomic expertise. Hemp Farms Australia is honoured to support the expansion of the hemp industry in Australia and throughout the world!

Our unique varieties have been developed and selected over two decades, adjusting to the climatic conditions required for it to thrive in. HFA have combined traditional breeding methods with genomic supported data to continuously improve current varieties and discover new hybrids altogether.





# THE HFA FAMILY OF CULTIVARS

## Consistent & Top Yielding Certified Seed

The HFA Family of cultivars are dioecious, multi-purpose hemp seed varieties that have been well-bred for commercial grain, fibre, and hurd production. These were the highest performing and yielding cultivars in the 2022 Australia Agri-Futures trials, which were held across the country. HFA's varieties have been bred for over 20 years which has resulted in stable, high yielding varieties perfectly suited to annual cropping in tropical and sub tropical climates.

Our varieties yields 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.

*Real yields will differ based on Grower methods. All new farmers are provided with professional grower techniques by HFA.*





## HFA AGRONOMIC PACKAGE

We offer a complete end to end agronomic package with an order of HFA hemp seed, not only are you given access to Australian genetics backed by years of breeding but we also provide personalised support from our experienced agronomists.

### Included with 40+ hectare seed purchase:

- Custom built Standard Operating Procedure (Guide to Growing) written by HFA's agronomists with over 20 years of in-field experience
  - Information across the production spectrum
    - Planning and Field selection
    - Pest & Weed control
    - Harvest & Post Harvest
  - Opportunities to ask questions and discuss topics with HFA agronomists
- Up to 4 free consults via video or phone

### Custom Agronomic package add ons:

- Flat fee for in-person field/crop visitations and consultations
- Additional phone or video consultation





BUNDY GEM

■ TRAIT AVERAGES

CONVENTIONAL SEED

85%

Average germination capacity over 10 years :

1%

Average impurity rate over 5 years:

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 and Certified Industrial Hemp Variety – **Bundy Gem (PBR#)**

Bundy Gem is an Australian industrial hemp cultivar bred in early 2008 within the Bundaberg region of Queensland, Australia. Hemp Farms Australia have grown Bundy Gem in all states of Australia since 2013, achieving strong consistent yields and growing natural defences to Australian soil born diseases/viruses. Bundy Gem thrives in Summer and Winter seasons, being used as Australia's go to grain variety for national all-year round supply chains. Versatility and adaptability being key advantages to Bundy Gem, we have achieve three crops annually in Nth NSW and QLD.





KING GEE

■ TRAIT AVERAGES

CONVENTIONAL SEED

85%

Average germination capacity over 10 years :

2%

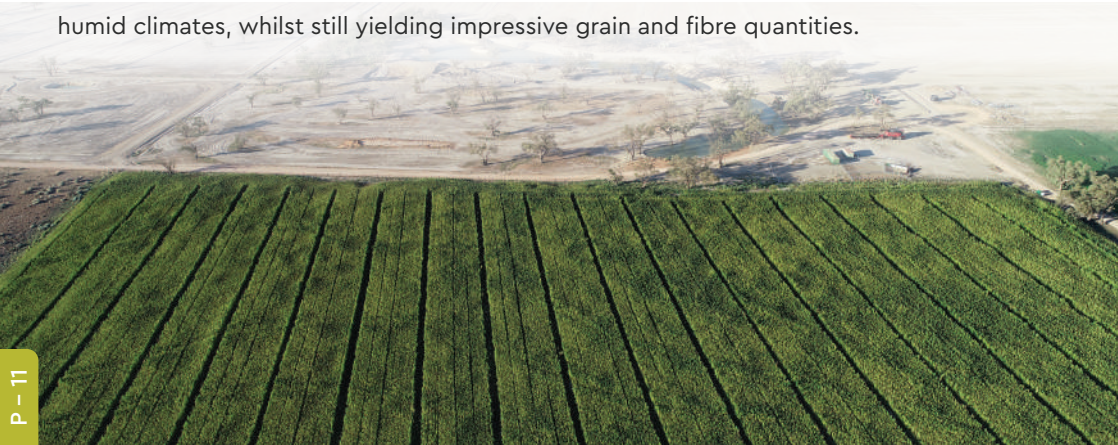
Average impurity rate over 5 years:

TYPE:	Dioecious
MATURITY TRIGGER:	Late Flowering
YIELD:	Grain 1,100kg+/ha
FIBRE:	10-12,000kg/ha
THC %:	Under 0.20% THC
CBD %:	Average 6%
CROP CYCLE:	120 days
SEED SIZE:	Average 4 - 4.5mm

Un-registered and Certified Industrial Hemp Variety - King Gee

King Gee is an Australian Industrial hemp cultivar bred throughout the 90's for it's late flowering high biomass production characteristics. Ideal for dual-purpose production when planted correctly – King Gee can be sown throughout Australia just prior or after Christmas (temperature important factor for germination) and will flower in late March with seed setting in April.

King Gee has been grown nationally in Australia, proving it's capabilities in hot, dry and humid climates, whilst still yielding impressive grain and fibre quantities.





RUBY

■ TRAIT AVERAGES

CONVENTIONAL SEED

85%

1%

Average germination capacity over 10 years :

Average impurity rate over 5 years:

TYPE:	Dioecious
MATURITY TRIGGER:	Mid Flowering (Mid January Flowering)
YIELD:	Grain 1,100kg+/ha
FIBRE:	12-14,000kg/ha
THC %:	Under 0.10% THC
CBD %:	Under 0.1%
CROP CYCLE:	110 days
SEED SIZE:	Average 3.5-4mm

Information & Characteristics  
Registered and Certified Industrial Hemp Variety – Ruby (PBR#)

Ruby (Dual-Purpose) is an Australian industrial hemp cultivar bred in 1998 throughout the Bundaberg region in Queensland, Australia. Being 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 increased soil fertility.





KING GEE

■ TRAIT AVERAGES

CONVENTIONAL SEED

85%

Average germination capacity over 10 years :

2%

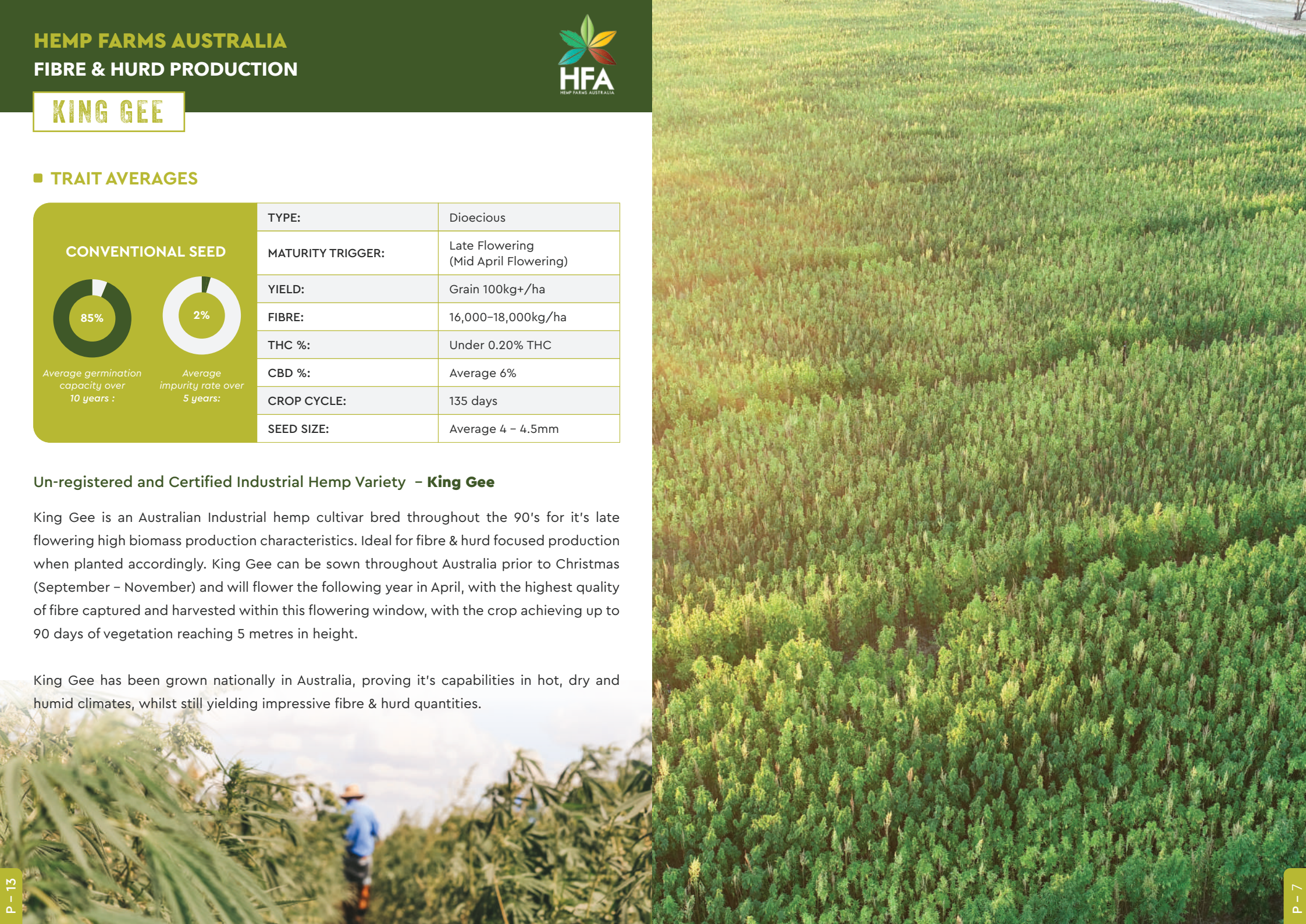
Average impurity rate over 5 years:

TYPE:	Dioecious
MATURITY TRIGGER:	Late Flowering (Mid April Flowering)
YIELD:	Grain 100kg+/ha
FIBRE:	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 and Certified Industrial Hemp Variety – King Gee

King Gee is an Australian Industrial hemp cultivar bred throughout the 90's for it's late flowering high biomass production characteristics. Ideal for fibre & hurd focused production when planted accordingly. King Gee can be sown throughout Australia prior to Christmas (September – November) and will flower the following year in April, with the highest quality of fibre captured and harvested within this flowering window, with the crop achieving up to 90 days of vegetation reaching 5 metres in height.

King Gee has been grown nationally in Australia, proving it's capabilities in hot, dry and humid climates, whilst still yielding impressive fibre & hurd quantities.





## WONGARRA (IN THE PIPELINE)

PBR Registration underway and genetic characteristics will be revealed mid year 2023.





## GET IN TOUCH

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