**Australian Export Market**

- **5 year average exported**
  - 650,000 tonnes
- **Export value**
  - $392 million
- **95% exported**
- Other destinations include Asia, North America & Europe
- Australia is the world’s largest exporter of desi chickpea

**Breeding Objectives**

Pulse Breeding Australia (PBA) aims to increase high quality chickpea production through:
- Specific adaptation to agro-climatic regions
- Improved agronomics & yield potential
- Improved disease resistance

**Superior marketing qualities include:**
- Superior seed coat colour
- High splitting efficiency
- Large & uniform seed size

**Desi chickpea** 90% of production

**Kabuli chickpea** 10% of production
Australian Export Market

5 year average exported
307,000 tonnes

Export value
$168 million

92% exported
Major destinations are the Middle East & North Africa

Australia is the world's leading exporter of faba bean

Breeding Objectives

Pulse Breeding Australia (PBA) aims to increase high quality faba bean production through:
- Regional adaptation
- High yielding
- Improved disease resistance
- Enhanced agronomic traits

Superior marketing qualities include:
- Superior quality grain
- High splitting efficiency
- Consistent seed coat colour & seed size
Australian Export Market

- 5 year average exported: 198,000 tonnes
- Export value: $87 million

50% exported
Other destinations include Africa, Pacific & Europe

Australia is the world’s leading exporter of dun type field pea

Pulse Breeding Australia (PBA) aims to increase high quality field pea production through:
- Regional adaptation
- High yielding
- Improved disease resistance
- Enhanced agronomic traits

Superior marketing qualities include:
- Low moisture content seed
- Long grain storage
- Sweet tasting

Indian subcontinent is the largest importer

There is a growing demand for white field pea in Asia

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**THE AUSTRALIAN INDUSTRY**

**Lentil**

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**Australian Export Market**

- **5 year average exported**
  - 292,000 tonnes

- **Export value**
  - $201 million

- **95% exported**
  - Other destinations include Africa, Asia & Europe

- **Indian subcontinent** is the largest importer of Australian red lentil

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**Breeding Objectives**

Pulse Breeding Australia (PBA) aims to increase high quality red & green lentil varieties production through:

- Improved yield potential & regional adaptation
- Improved disease resistance & tolerance to toxic levels of salt & boron
- Red lentils are bred for consistent grey seed coat colour

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**Superior marketing qualities include:**

- Bright seed colour & high quality
- Fast & consistent cooking time
- Uniform seed size & splitting

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The Australian Industry

Lupin

Breeding Objectives

Main species grown is **Australian sweet lupin** (*L. angustifolius*).

Albus lupins are marketed to North Africa as a snack food.

Pulse Breeding Australia (PBA) aims to increase high quality sweet lupin varieties production through:

- Improved yield potential & herbicide tolerance
- Improved dehulling efficiency

Superior marketing qualities include:

- High protein content
- Low toxins (*phomopsis*)
- Low alkaloid (bitterness)

**Australian Export Market**

- 5 year average exported
  - 317,000 tonnes
- Export value
  - $114 million
- 50% exported
  - Other destinations include North Africa & North America

- 80% of production is in Western Australia

- Main species grown is **Australian sweet lupin** (*L. angustifolius*).

- Albus lupins are marketed to North Africa as a snack food.

- Export value:
  - 29% (Europe)
  - 9%
  - 60%
THE AUSTRALIAN INDUSTRY

Mungbean

Australian Export Market

5 year average exported
76,000 tonnes

Export value
$86 million

90% exported
Other destinations include North America, Europe & the Middle East

Australia primarily exports large seeded shiny green mungbean

Australia exports the highest quality grain

Breeding Objectives

Superior marketing qualities include:

- Shiny green coat
- Uniform seed size
- Highest level of food safety

Australian Mungbean Association (AMA) aims to maximise productivity & quality in Australian dryland & irrigation farming systems:

- High yielding
- Uniformity of flowering & maturity
- Disease resistance & plant architecture

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