

# Australian cattle and sheep production

## 澳洲牛羊的产量

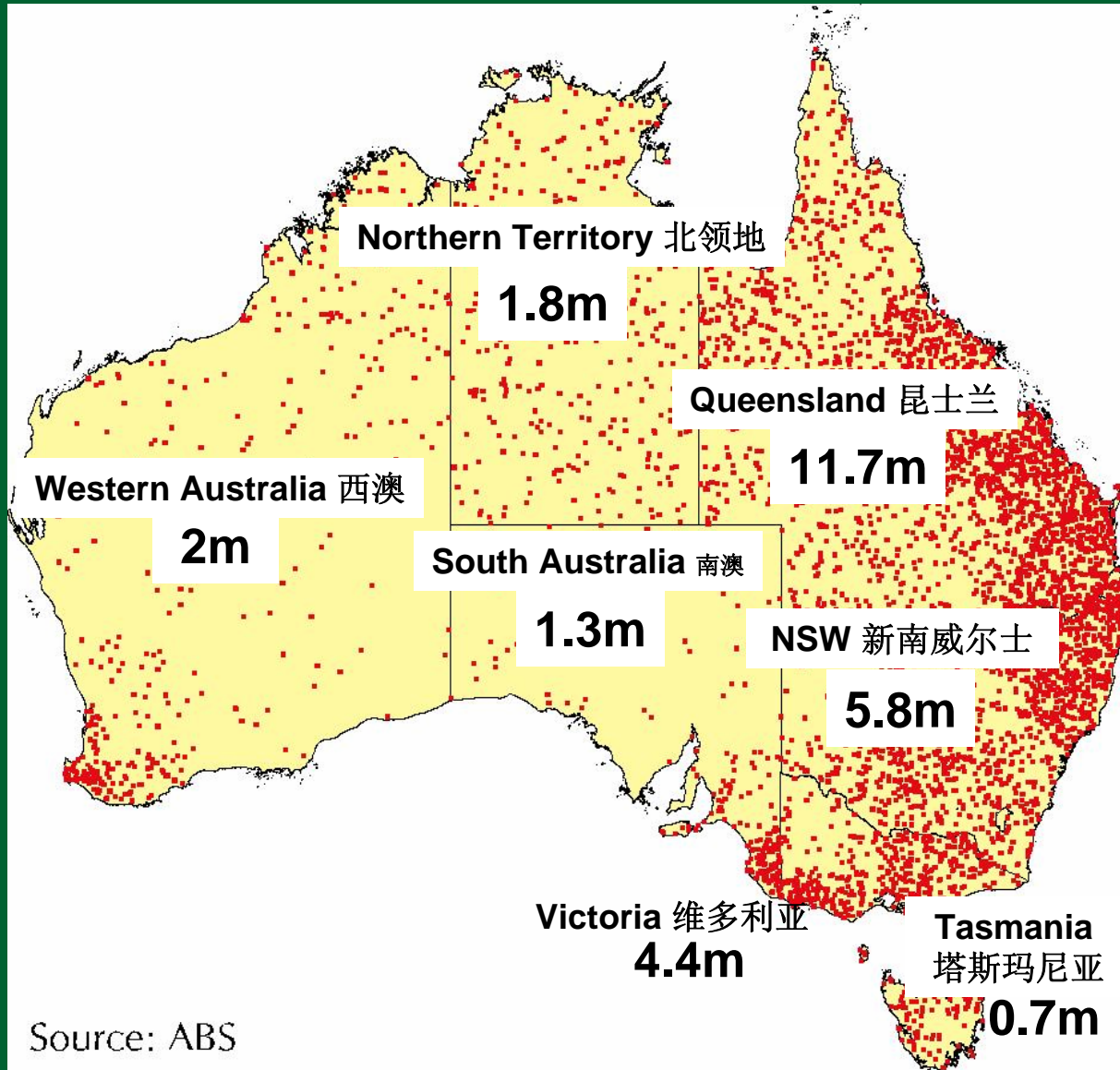
**Mr John Wyld**



Beijing: 15 June 2006

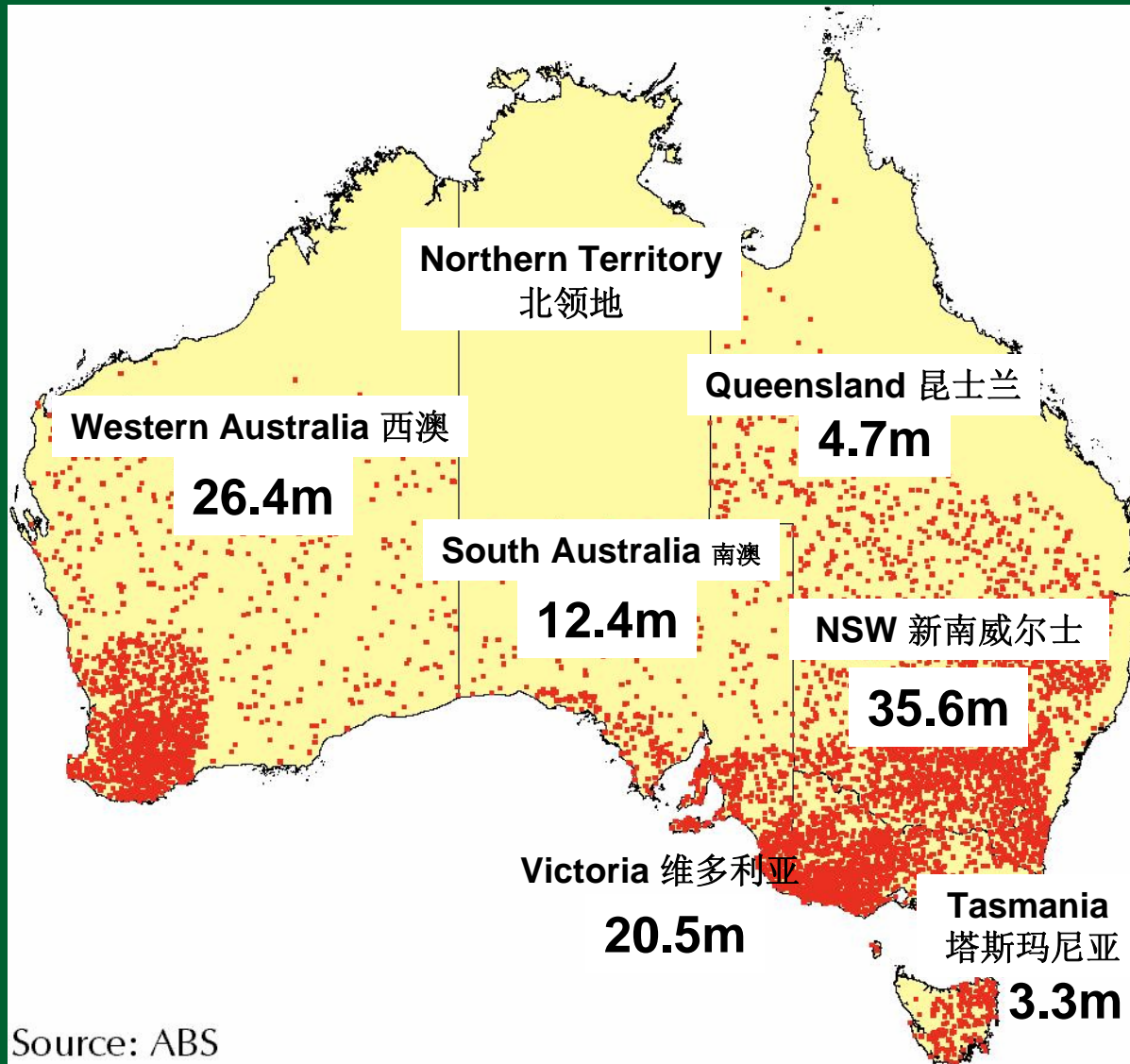
# Distribution of Australian cattle

澳洲牛只分布图 27.7 million head (2005) 二千七百万头



# Distribution of Australian sheep

澳洲羊只分布图 102.6 million head (2005) 一万零二百六十万头



**Farming operations in northern Australia are spread over vast distances - cattle focused**

北澳农场的经营范围非常大，以牛只为主



**Farms in southern Australia tend to be smaller, run both sheep and cattle**

在南澳，农场趋小，为牛羊混养



# Alternative feed sources to pasture grazing are a necessity

为牧场放牧准备其他的食物来源非常必要

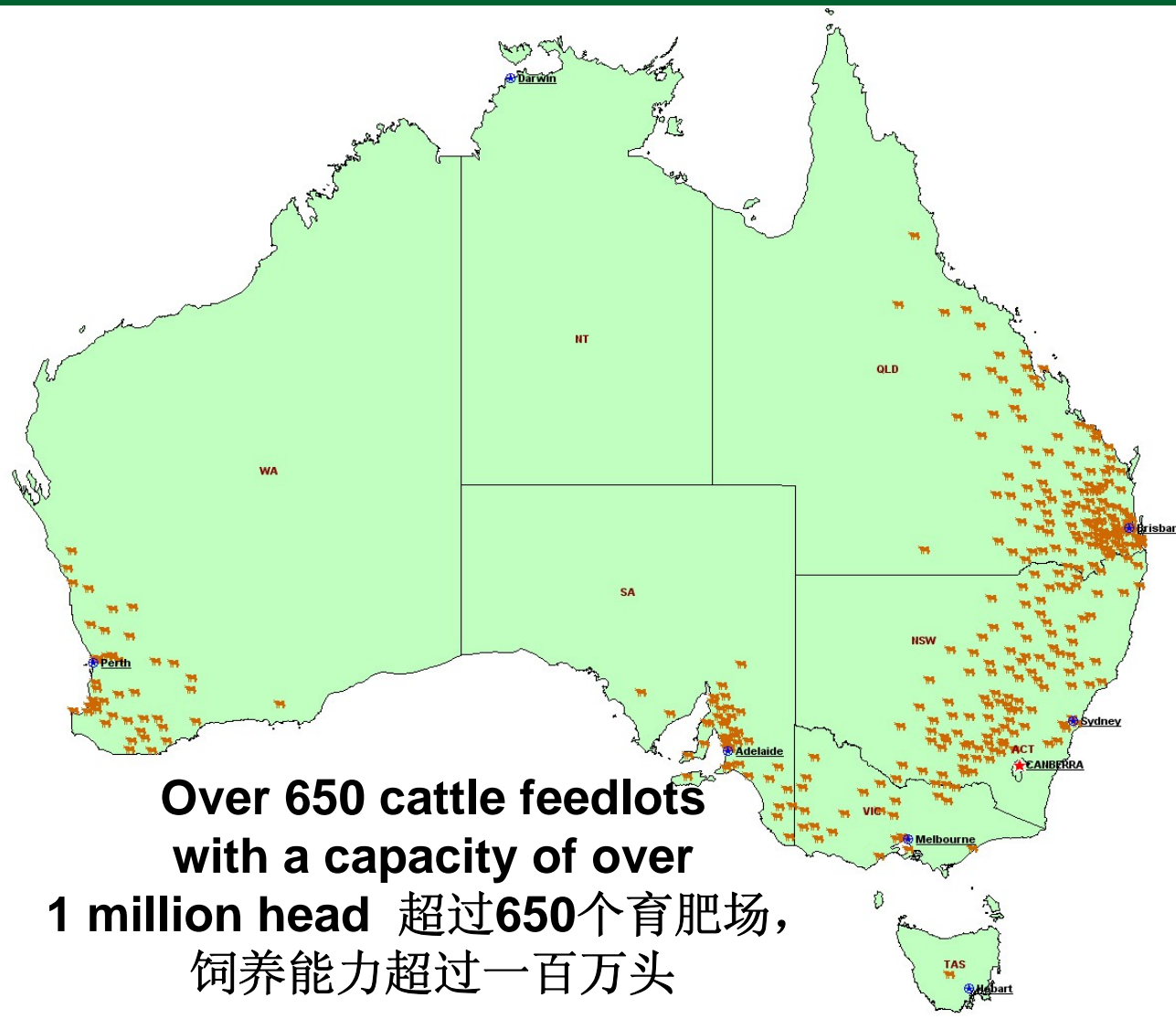


# Climatic extremes impact production - drought is common; occasional floods

气候严重影响产量-经常性的干旱，偶尔的水灾



# Grain finishing of cattle (and lambs) is more common 谷饲牛（及羊）更为普遍



## Economic environment 经济环境

- Australian beef and sheep farmers rely on the world market  
澳洲牛羊的农户依靠世界市场
- Industry consequently targets high valued markets such as North Asia, the European Union and North America  
行业最终瞄准了高端市场例如东亚、欧盟和北美
- Australian farmers receive no subsidies from Government (unlike the EU or USA)  
澳洲农民没有来自政府的补贴，不像欧盟和美国
- This exposure to world markets has made our industry very flexible and dynamic in meeting customer needs, especially in terms of quality and safety  
基于上述原因，使得我们的行业，在满足客户的需求方面，弹性非常大而且充满活力，尤其是在食品安全和品质上。

# Role of Meat and Livestock Australia (MLA)

## 澳洲肉类及畜牧业协会的职能

- Funded by compulsory levies on producers  
资金来自政府对生产商的税收
  - Carries out marketing and research activities on behalf of industry  
代表行业进行营销和研究
  - Co-ordinates food safety and quality assurance programmes  
食品安全与质量保证体系的实施机构
  - Much research to increase productivity on farm, for example  
多项研究提高农场生产力，如
    - Breedplan, 繁育计划
- and programmes to enhance customer satisfaction, such as: 以及扩大消费者满意度的项目，如：
- Meat Standards Australia (MSA) etc 澳洲肉品标准 (MSA) 等

**Quality assurance systems provide confidence -  
livestock traceability an important component**

质量保证体系树立信心- 牲畜追溯体系是一个重要的因素





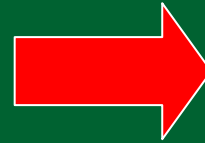
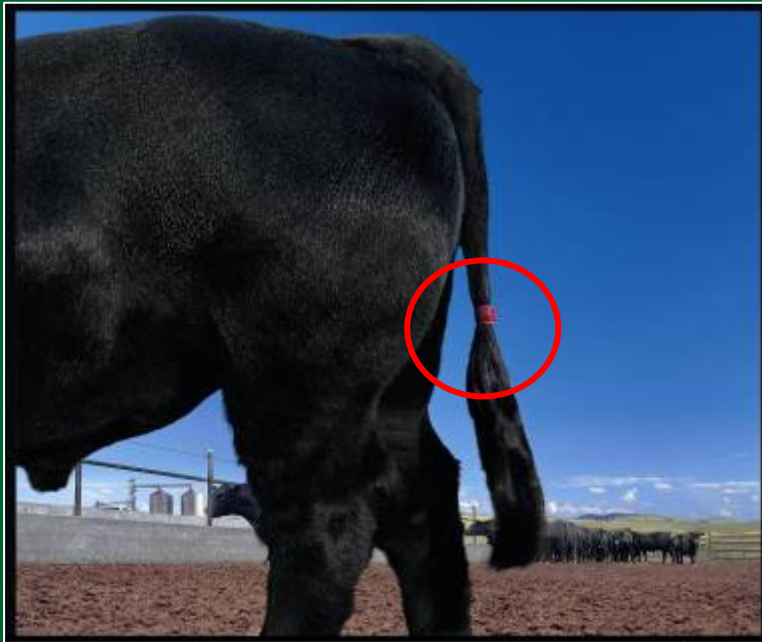
# NLIS - National Livestock Identification System 全国牲畜鉴定体系

- Based on existing Property Registers 基于已有的牧场注册
- Developed from tail tags to radio frequency tags 由尾标到无线电频率的耳标的发展
- Single technology 单一技术 (HDX)
- One central database 一个中央数据库
- Compulsory across Australia 全澳强制实行
- All beef properties using system (143,000) 所有牛牧场使用这个体系
- 3,000 transactions uploaded daily 每日上载3000单交易

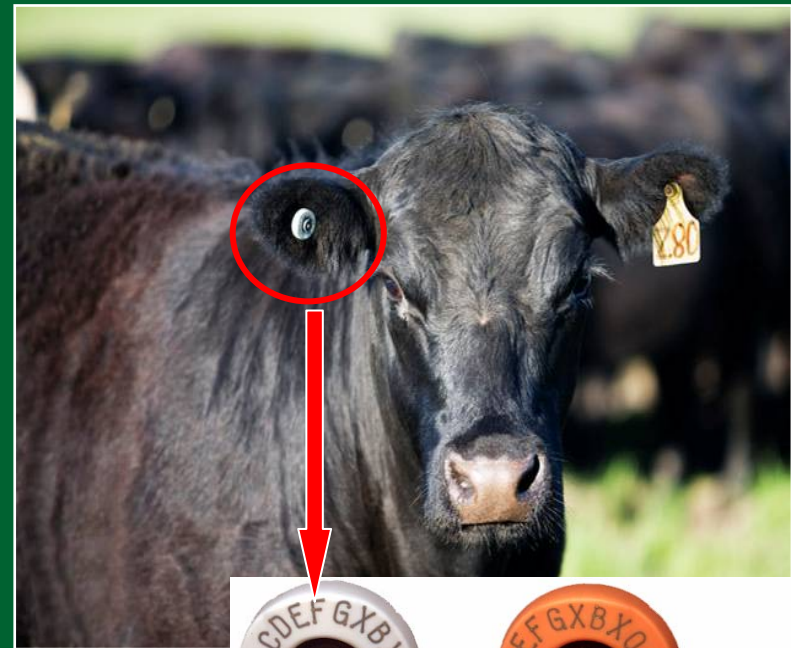


# Technology improvements 技术改进

A manual system  
手动系统



An automatic system  
自动系统



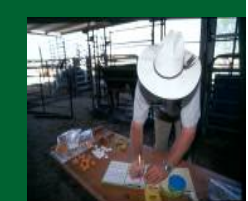
# Livestock Production Assurance (LPA)

## 活畜产品保证计划

On farm food safety & Quality Assurance standards

澳洲畜牧行业的农场食品安全标准和畜产品生产质量保证制度

1. Property risk assessment 牧场风险评估
2. Safe and responsible animal treatments  
安全和负责的牲畜处理
3. Stock foods, fodder crops, grain & pasture treatments  
饲料作物，谷类及牧草处理，以及家畜饲料
4. Preparation for dispatch of livestock 为牲畜的送出作准备
5. Livestock transactions and movements 牲畜交易和移动



# National Vendor Declarations (NVD) used for both cattle and sheep

## 全国活畜供应商申报书适用于牛只和羊只

### NATIONAL VENDOR DECLARATION (CATTLE) AND WAYBILL

First edition, March 2004

This form cannot be used where eligibility for the EU market is required.

**Part A** To be completed by the owner or person who is responsible for the husbandry of the cattle.

Owner of cattle \_\_\_\_\_

Property/place where the journey commenced \_\_\_\_\_

Property Identification Code (PIC) of this property \_\_\_\_\_

Number	Description	PIC on Identification Tag	Gender, Earmarks

Consigned to \_\_\_\_\_

Destination (if different) of cattle \_\_\_\_\_

Do the cattle in this consignment carry an NLIS device?  Yes  No  Don't know

If yes, number: \_\_\_\_\_ Ear \_\_\_\_\_ Rumens \_\_\_\_\_ Lifetime traceable?  Yes  No

Details of other statutory documents relating to this movement e.g. animal health certificate \_\_\_\_\_

**Part B** To be completed by the person who is responsible for the husbandry of the cattle.

- Have any of the cattle in this consignment ever in their lives been treated with a hormonal growth promotant (HGP)? (Use a second document for mixed consignments.)  
 Yes  No  Don't know
- Have these cattle been raised consistent with the rules of an independently audited QA program on the property the PIC of which is shown above?  
 Yes  No If Yes, give details: \_\_\_\_\_
- Were all of the cattle born and raised on the vendor's property?  
 Yes  No  Don't know If No, how long ago were the cattle obtained or purchased? (If purchased at different times, tick the box corresponding to the time of the most recent purchase.)  
 Less than 2 months  2-6 months  6-12 months  more than 12 months
- In the past 60 days, have any of these cattle been fed by-product stockfeeds?  
 Yes  No  Don't know If Yes, attach a list of the by-product stockfeeds, date when feed last used and a copy of an analytical report if available.
- In the past 6 months, have any of these cattle been on a property listed on the ERP database or placed under grazing restrictions because of chemical residue?  
 Yes  No  Don't know If Yes, give details: \_\_\_\_\_

### NATIONAL VENDOR DECLARATION (SHEEP AND LAMBS) AND WAYBILL

First edition, March 2004

1125814

**Part A** To be completed by the owner or person who is responsible for the husbandry of the sheep or lambs.

Owner of sheep or lambs \_\_\_\_\_

Property/place where the journey commenced \_\_\_\_\_

Property Identification Code (PIC) of this property **3GMFS000**

Number	Year born (or on)	Description (BREED, SEX & TYPE E.G. CROSS-BRED, WETHER, LAMB)	Month of shearing	Brand/Ear tag/PIC (if different from that shown above)	Earmarks (if present or required)

Hours off feed and water before transporting \_\_\_\_\_

Consigned to \_\_\_\_\_

Destination of sheep or lambs \_\_\_\_\_

Details of other statutory documents relating to this movement e.g. animal health certificate \_\_\_\_\_

**Part B** To be completed by the person who is responsible for the husbandry of the sheep or lambs.

- Have these sheep been raised consistent with the rules of an independently audited QA program on the property the PIC of which is shown above?  
 Yes  No Accreditation no. \_\_\_\_\_
- Have all the sheep or lambs in this consignment been treated with a Scabby Mouth Vaccination either at marking or at least 14 days prior to their presentation for sale?  
 Yes  No  Don't know
- Were all of the sheep or lambs born and raised on the vendor's property?  
 Yes  No  Don't know If No, how long ago were the sheep or lambs obtained or purchased? (If purchased at different times, tick the box corresponding to the time of the most recent purchase.)  
 Less than 2 months  2-6 months  6-12 months  more than 12 months
- Are any of the sheep or lambs in this consignment still within a Withholding Period (WHP) or Export Slaughter Interval (ESI) following treatment with any veterinary drug or chemical?  
 Yes  No  Don't know If Yes, give details: (Record additional details in question 7)

6 Are any of the cattle in this consignment still within a Withholding Period (WHP) or Export Slaughter Interval (ESI) following treatment with any veterinary drug or chemical?  
 Yes  No  Don't know If Yes, give details: (Record additional details in question 5)

7 In the past 60 days, have any of these cattle consumed any stockfeed that was still within a WHP when harvested or first grazed?  
 Yes  No  Don't know If Yes, give details:

8 In the past 60 days, have any of these sheep or lambs consumed any stockfeed that was still within a WHP when harvested or first grazed?  
 Yes  No  Don't know If Yes, give details:

9 Have any of the sheep or lambs in this consignment ever in their lives been fed feed containing tallow or gelatin?  
 Yes  No  Don't know

7 Please include any additional information below eg. vaccination programs, animal health certification, additional declarations, etc.

**Part C** To be completed by the owner or person who is responsible for the husbandry of the sheep or lambs.

I declare that I am the owner or the person responsible for the husbandry of the sheep or lambs and that all the information in Part A of this document is true and correct.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Tel no. \_\_\_\_\_

**Part D** To be completed by the person in charge of the sheep or lambs while they are being moved. Completion of this part is optional in SA, TAS and VIC.

Movement commenced: \_\_\_\_\_ (am/pm) Driver's licence no. \_\_\_\_\_

Vehicle registration number(s): \_\_\_\_\_

I \_\_\_\_\_ am the person in charge of the sheep or lambs during the movement and declare all the information in Part D is true and correct.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Tel no. \_\_\_\_\_

**Part E** Agents declaration for sheep or lambs sold at auction.

Completion of Part E is optional, by agreement between the selling agent and the buyer. Saleyard agents completing Part E should retain the original declaration for a minimum of two (2) years, or three (3) years in WA and supply a copy to any buyer on request.

Vendor code \_\_\_\_\_ Agent's code \_\_\_\_\_

Stock agent company \_\_\_\_\_

Buyer's name \_\_\_\_\_

No. of sheep or lambs purchased \_\_\_\_\_ Saleyard arrival time (am/pm) \_\_\_\_\_

Agent's signature \_\_\_\_\_ Date \_\_\_\_\_

# National Feedlot Accreditation Scheme

## 全国育肥场认证体制

The self regulatory Quality Assurance Program for the cattle feedlot industry

牛只育肥场的自我管理的质量保证



# My farming operation

# 我们的农场运作



- 5,000 cattle / calves 头牛/ 幼牛
- 8,000 sheep / lambs 头羊/ 羔羊
- 4 people 个人

2 farms in Victoria  
(southern Australia):  
两个农场位于 维多利亚 南澳

- 'Koolomurt' 3044 ha 公顷
- 'Box Plains' 455 ha 公顷

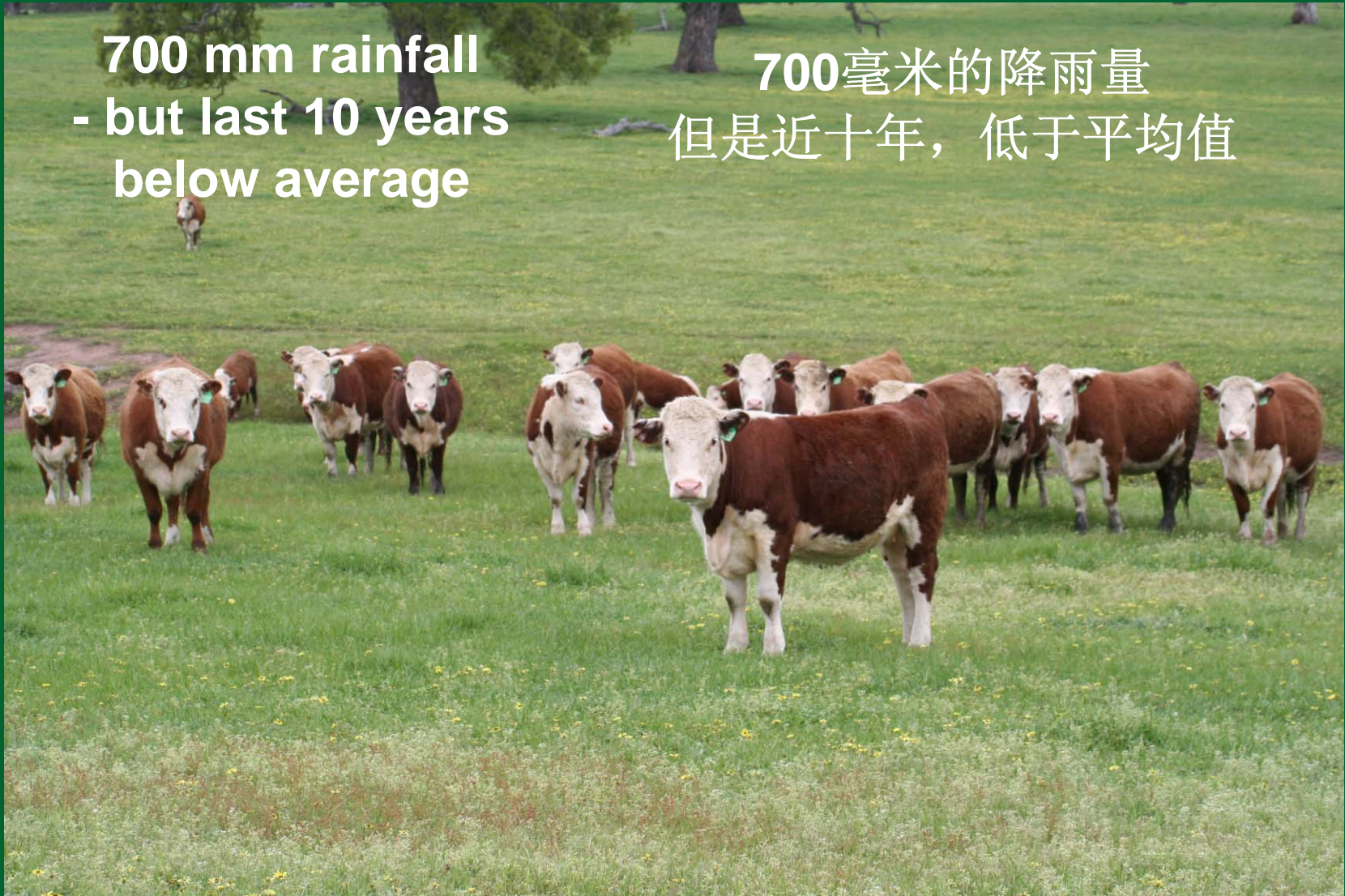


Australian Report Map  
© copyright Commonwealth of Australia  
(Geoscience Australia) 1996

# Beef cattle for the Australian domestic and export markets 肉牛供应国际和国内市场

700 mm rainfall  
- but last 10 years  
below average

700毫米的降雨量  
但是近十年，低于平均值



# Merino sheep base but producing more meat lambs

美丽奴羊为基础，但生产更多的肉羊



**NLIS radio frequency tags also used to assist  
with cattle management**  
**NLIS 无线电频率也辅助牛只管理**



# Food Safety and Quality Assurance

## 食品安全和质量保证

### Focused on export customer requirements

重视出口客户的要求 承诺为我们所有市场带来信心的计划

### Market confidence in our beef & sheepmeat

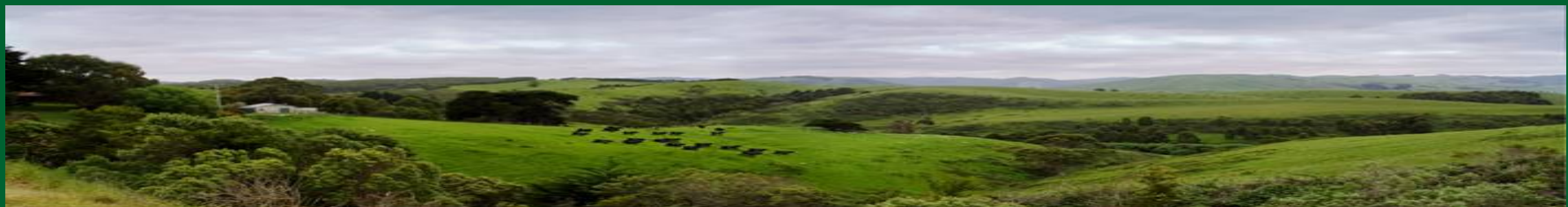
牛肉和羊肉的市场信心 来自我们行业的安全，完整性和整体承诺

### Food safety & QA programs underpin our commitment

食品安全和质量保证制度支持我们的承诺

重视追溯肉类和动物的能力

从农场直接到零售和出口的质量体系



**Thank you**

谢谢您