



# What will Coal Seam Gas Mining do for Prime Farming and Grazing Country in the Murray Darling Basin?

- **Contaminate water supplies with migrating methane gas, drilling fluids and salts**
- **De-water aquifers and lower water tables (12.5 billion litres of coal seam water was produced in Queensland in 2007)**

*Sinclair, Kerrie 09/06/09*

*'Coal Seam Water A Growing Hazard' Courier Mail*

- **Destabilise fault lines**
- **Depress land values and decrease productivity**
- **Pose health risks to people, animals and the environment**

# The Liverpool Plains makes a significant contribution to Australian agriculture

- Rich volcanic soils, well-managed aquifers & favourable climate
- 800,000 hectares of premium land
- A diverse range of winter *and* summer crops



Average summer crop yields include: (yield data from NSW DPI for years 1992 – 2008)

46% of NSW Sunflowers (16 year average of 19,829 t out of the state total average of 42,872 t)



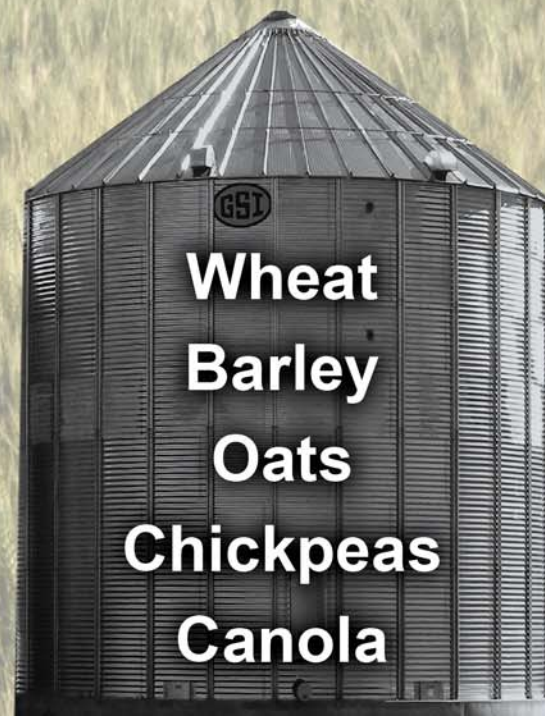
45% of NSW Sorghum (16 year average yield of 233,175 t out of the state total average 519,718 t)



15% of NSW Corn (16 year average yield of 29,018 t out of the state average total of 197,914 t)



Plus substantial quantities of soybeans, mungbeans, cotton and Winter Crops:



Wheat  
Barley  
Oats  
Chickpeas  
Canola

# Your food production on the Liverpool Plains relies on well-managed aquifers

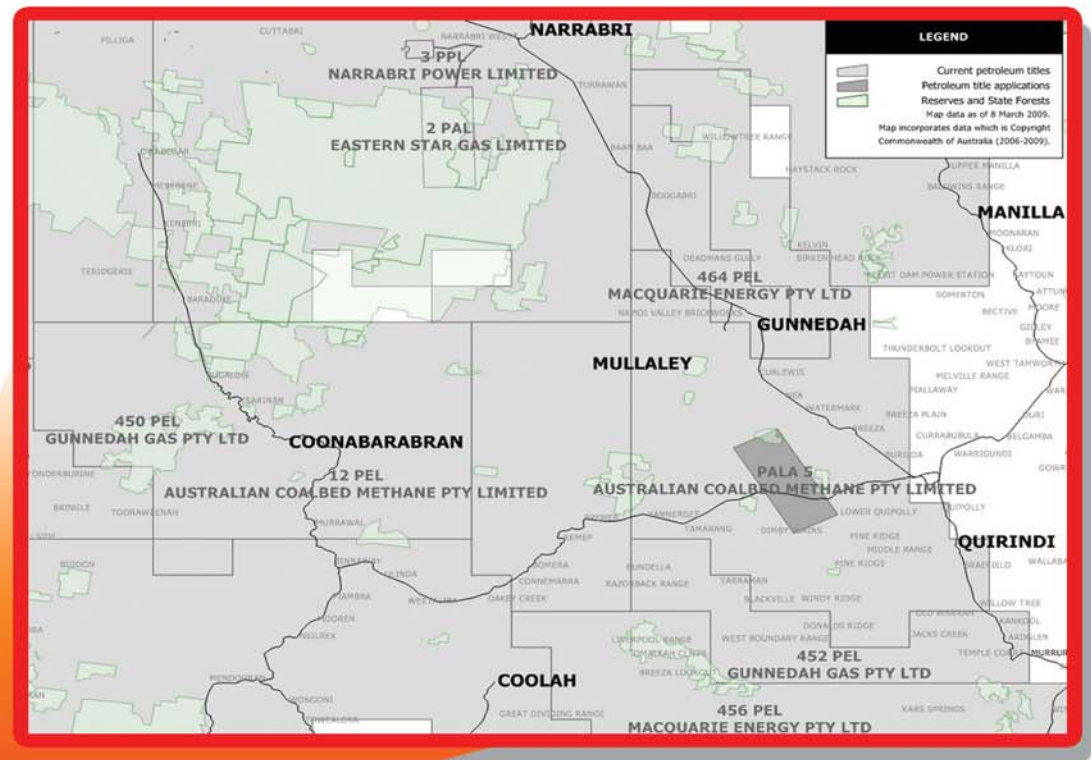
- Coal Seam Methane extraction means de-watering those aquifers
- 1,800,000 litres of salt water are extracted per well, per week\*
- Subsidence, depressurisation and contamination result

*\* information provided by Santos at Blackville meeting 20/5/09*



**That's 60 tanker loads of water and 18 tonnes of salt per well per week**  
**Hundreds of gas wells are planned in this highly-productive foodbowl**  
**You don't want your food or Murray Darling Basin gassed .**

# Coal Seam Gas Mining on Prime Agricultural Land Places Your Food and Water Security At Risk



**Petroleum Exploration Licences (PELs) now cover the whole of the Liverpool Plains food growing area. CSG mining now threatens our catchment's contribution to the southern capitals and regional towns of the Murray Darling Basin.**

**Liverpool Plains represents Australia's food and water security insurance policy. WE MUST NOT RISK IT!**

*Remember: There are only seven meals between civilization and anarchy Spanish Proverb*

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