



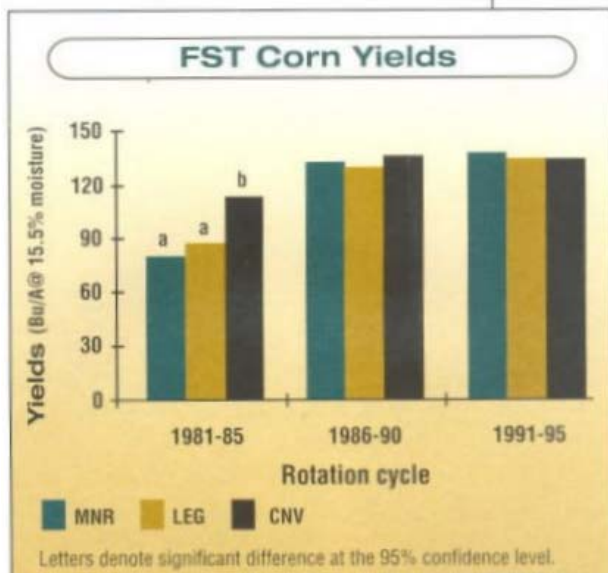


Farming Systems Trial (FST)

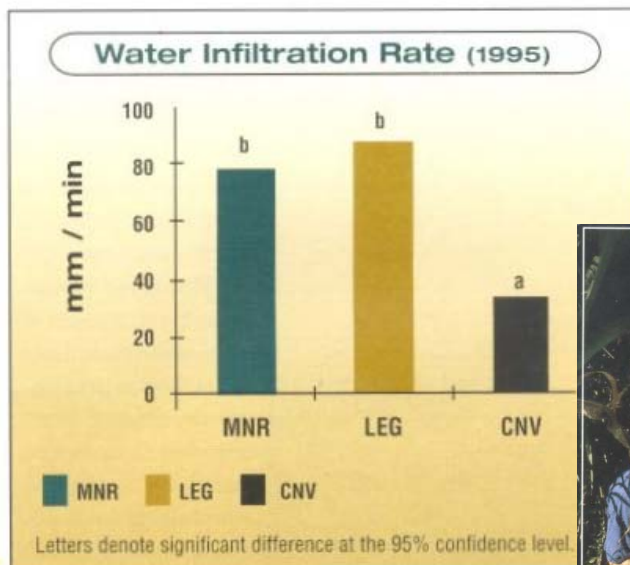
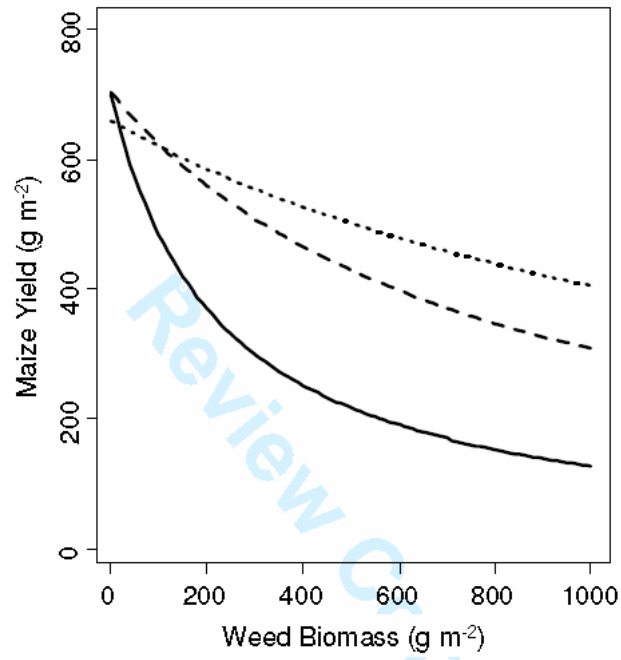
系統與因子

- 耕作系統
- 氣候, 溫度, 雨量...
- 作物種類, 品種...
- 土壤條件, 肥力...
- 水
-





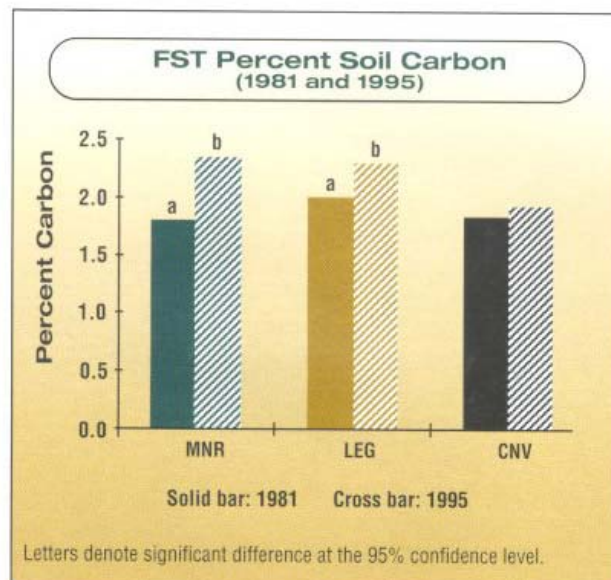
Average corn yields in the two organic systems were lower than conventionally grown corn during the first rotation cycle. During the last two rotation cycles (1986-90 and 1991-95) average corn yields have been equivalent in all three systems.



Water is able to percolate into the organically managed soils faster rate. During rain storms more water will be absorbed the soil and less will run over the surface and out of the field.



Better water infiltration, retention and delivery to plants helps to sustain yield during drought.



Soil organic matter content, shown here as percent carbon, has increased in both of the organic soils. There has been no significant change in the conventionally managed soils.





有無可能達成的狀況？

試想青割玉米、盤固草每公頃的收入...

有機飼料生產 ←→ 有機畜牧

完整農業生態系

活化大量休耕農地



結語-

- 原思維解決不了原體系產生的問題
- 土地利用型 Sustainable
- 團隊思考 緩慢反應
- 多吃一口飯與少吃一兩肉
- 兼用型 專用飼料是最後的選擇
- 淘汰墮落體制 讓小農也存活
- 獎助成生活者大國

結語-

- 節水、節能減碳的生產體系
- 耐逆境、減風險、降投入
- 多樣性：遺傳多樣性與物種多樣性
- 農牧合營循環型畜產
- 有機飼料
- 善用生物性：不整地系統、有機、輪作、複作
- 善用資源：太陽、風、海、溫度
- 精緻的生產模式與產業的相鄰空間

敬請指教

