



Nick Drew & Jeff Kraak





Overview

- ✓ Why does Fertcare exist?
- ✓ Great Barrier Reef





People & Food



- ✓ 9.1 billion by 2050
- ✓ 70% increase in food 2005 & 2050



Enhanced Productivity





Eutrophication





Fertcare

- ✓ Productivity & Environment
- ✓ Training & Accreditation
- ✓ Lift skills & knowledge
- ✓ Focused on high quality advice to farmers





Fertcare

Training



FERTCARE®

Advisor



FERTCARE®

Accu-Spread



FERTCARE®



Australian Government





Fertcare Accredited Advisor



- Confidence that advice is based on soil / plant testing of a high standard & accepted science
- Assessment of competence against 5 Performance Standard
- Biennial audit
- 260 FAA
- Industry led
- Strong industry linkages





Other Advisor QA Programs

Certified Crop Advisor

- Pass 2 assessments
- 40 hrs continuing education / 2 years
- 13,000 CCA's

Nutrient Management Adviser Certification Programme

- Pass 2 assessments
- 15 hrs of professional development / year
- 100 certified advisors





Great Barrier Reef



- ✓ Largest coral reef ecosystem covering 344,400 km²
- ✓ 600 types of soft & hard coral
- ✓ 100 species of jelly fish
- ✓ 3,000 varieties of molluscs
- ✓ 500 species of worms
- ✓ 1,625 types of fish
- ✓ 133 varieties of sharks & rays
- ✓ 30 species of whales & dolphins

Crown of Thorns Starfish

- ✓ Adult COTS eat coral
- ✓ Water N & P influence phytoplankton
- ✓ Phytoplankton influence COTS larval development





Great Barrier Reef



- 2000 Fertilizer industry focus
- 2003 Reef Plan & Science Summary Statement
- Voluntary measures by ag industries including Fertcare
- 2008 Scientific Consensus
- 2009 Reef Regulation
- 2012 Move to BMP
- Returning to enforcing regulation



- ✓ 2014 Report
– ↓ 17% DIN
- ✓ Reef Plan –
↓ 50% DIN by
2018 & ↓ 80%
DIN by 2025





Conclusion





Objective, Site Specific Nutrient Input





FERTCARE®



FERTILIZER
AUSTRALIA



Australian Government

