

Preparing for the Big One! -

The potential cost of a major forest biosecurity breach!

Or

"Clever ways to play Russian Roulette"

Eighth Annual Forest Health Workshop

FOA/MAF Biosecurity Workshop

Rotorua – 23/24 February 2010



Achievements since last workshop

2008 Workshop Objectives:

1. To review new developments in forest biosecurity surveillance and discuss how we might improve what we are doing.
2. To review recent research results in forest biosecurity and forest health.



What we said we'd do:

Basically - improve Forest Health Surveillance

- Fix gaps
- Get FFA more involved
- Great training effort
- Encourage companies to conduct biosecurity surveys
- Improve surveillance efficiency
- Improved use of information



What we have done:

Surveillance

- External review of Forest Health Surveillance
- Improved FHS based on recommendations
- Improved diagnostics
- New database being developed
- FOA and MAF high risk sites continue to show new finds
- Development of Forest Condition Monitoring system

MAF Surveillance Strategy

Surveillance in small forests project



What we have done:

Improved awareness

- The usual plus
- MAF Biosec Mag - special forestry issue
- Forestry papers at MAF/BNZ conference
- Regular communication between BNZ and FOA
- International Forest Biosecurity Conference
- Research publications in readable format - e.g., FH News; FBRC Annual Report etc



What we have done:

Collaboration

- Industry/MAF liaison excellent
- Framework to progress joint incursion response
- FBCC, FHC, FBRC, FHRC
- International and national research collaboration



What we have done:

Tackling key issues

- Incursions responses
- Obtaining and maintaining market access
- Sea container segment strategy
- Wood packaging IHS
- Vehicle segment strategy
- Phosphine research; Methyl bromide improvements
- Nectria management



What we have done:

Filling gaps in biosecurity

- New export certification standards
- Robust export certification system
- Arhophalus surveillance formalised and updated
- Forestry pest risk analyses
- Investigating new mitigation options
- Accredited persons training and increased standards
- Transitional facility improvements in process



What we have done:

Strategic approach to research

- Beneficial organisms for biocontrol
- Long-term research begun on endophytes in pine foliage for disease protection
- Cleopus weevil causing heavy damage to buddleia at release sites



What we have done:

Effective research

- Improved spraying technology
- Reduced copper spray amount
- Phosphine now a viable alternative
- Management solutions to Nectria problem
- Phytophthora control in nurseries
- Longer time for log harvest after storm
- MAF operational research - microwaves, ozone / sea containers; heating logs; etc



What we have done:

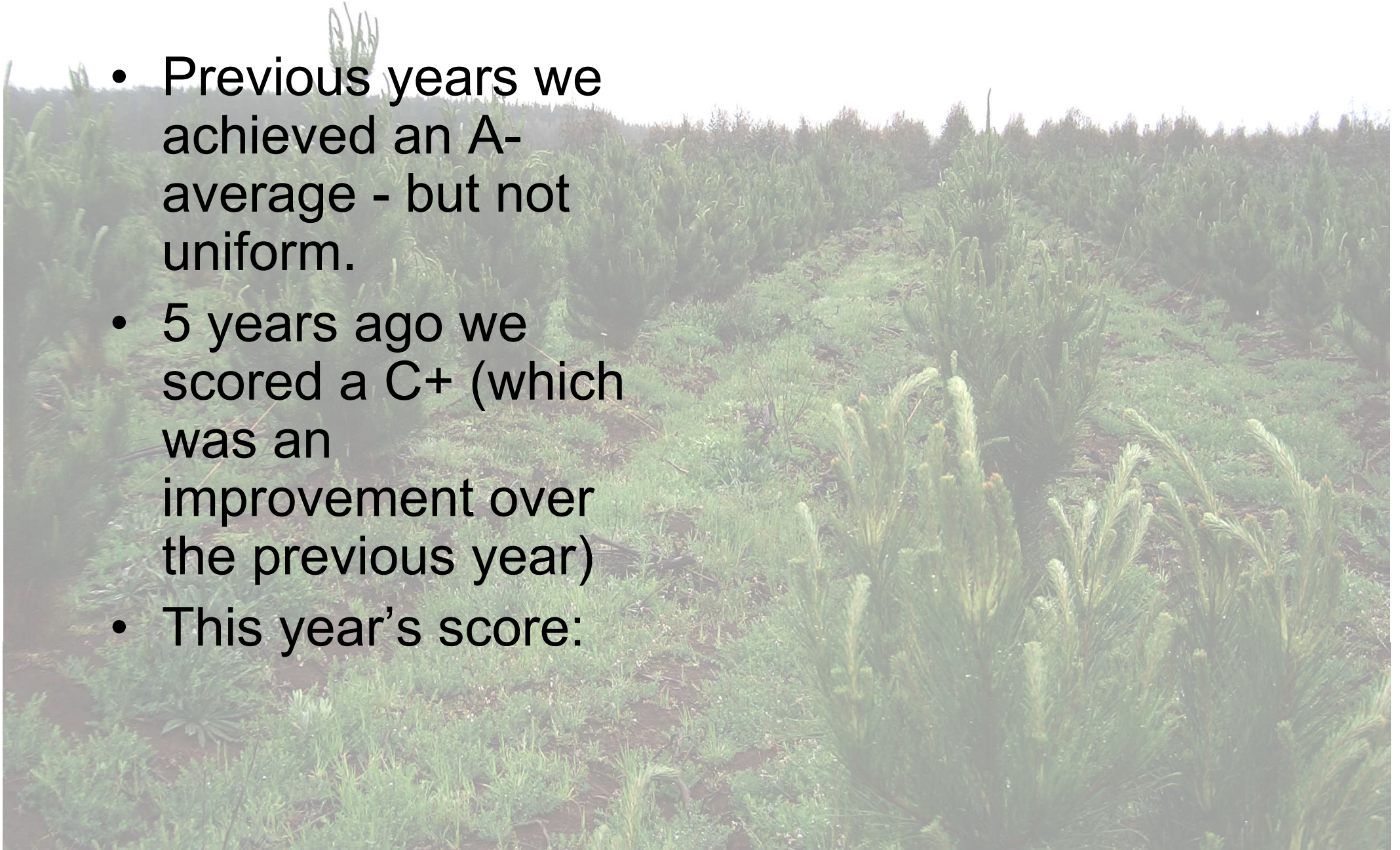
Incursion response

- Excellent working relationship with MAF, research, and industry



So – how did we do overall?

- Previous years we achieved an A-average - but not uniform.
- 5 years ago we scored a C+ (which was an improvement over the previous year)
- This year's score:



Scorecard 2010

	Prev.	Curr.
Improved awareness	A	A
Collaboration	A	A
Tackling key issues	B-	A-
Filling gaps in biosecurity	B+	A
Improving surveillance	B+	A
Strategic research	B+	B
Effective research	A-	A-
Incursion response	A	A

