

CRI Extension Services

Hannes Bester
Area Extension Manager

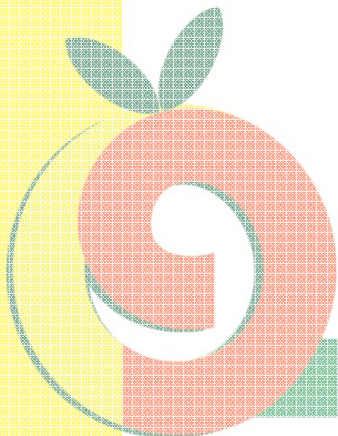


CGA CITRUS SUMMIT

Research

Background

- Outspan:
 - 20+ extension officers
 - 17 production regions
- 2001 – CRI established
- Focus on market access
- 30% reduction in staff
- No extension



Research

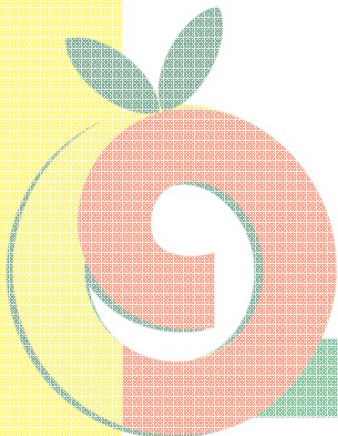
Background

Problem:

- Identifying growers' research needs
- Transfer of research outcome to growers

Solution:

- Extension department focusing on group extension

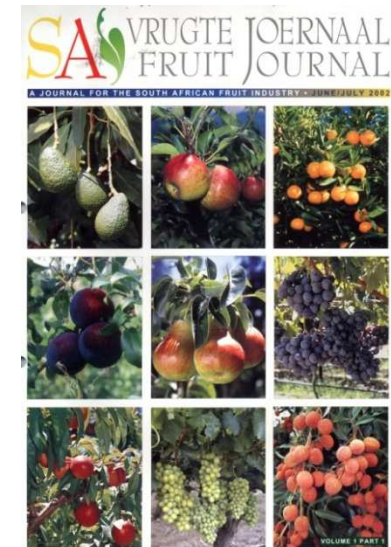


Research

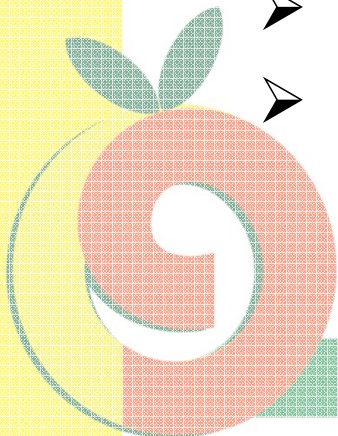
Background

Instruction:

- Form of study groups in all citrus production regions
- Determine research priorities
- Implement system for research feedback to growers
 - Update Production Guidelines
 - SAFJ (Extension briefs)
 - Citrus Research Symposium
 - Cutting Edge



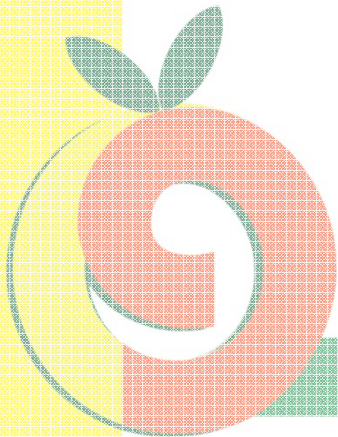
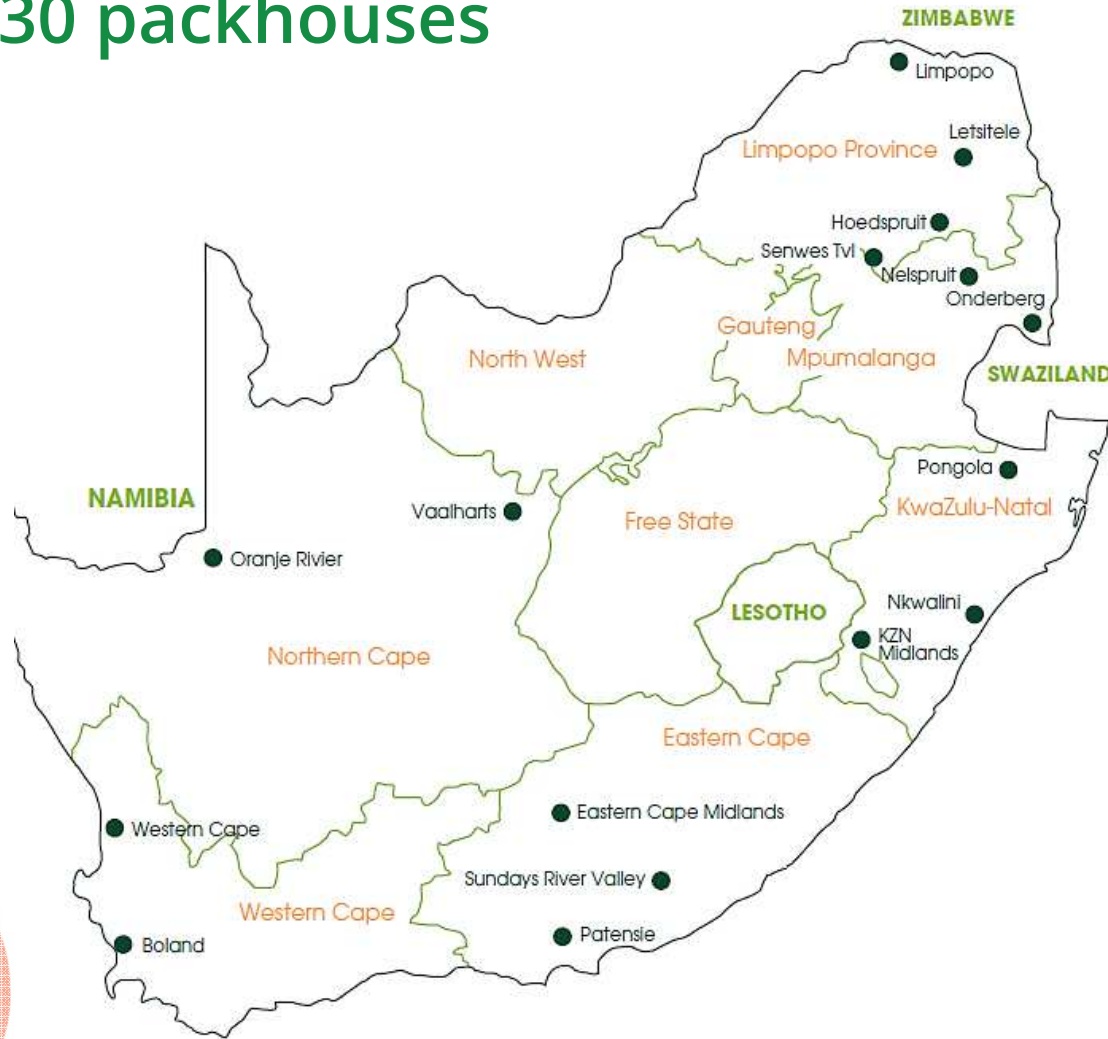
Research



Citrus Production Regions

1200-1250 growers

325-330 packhouses

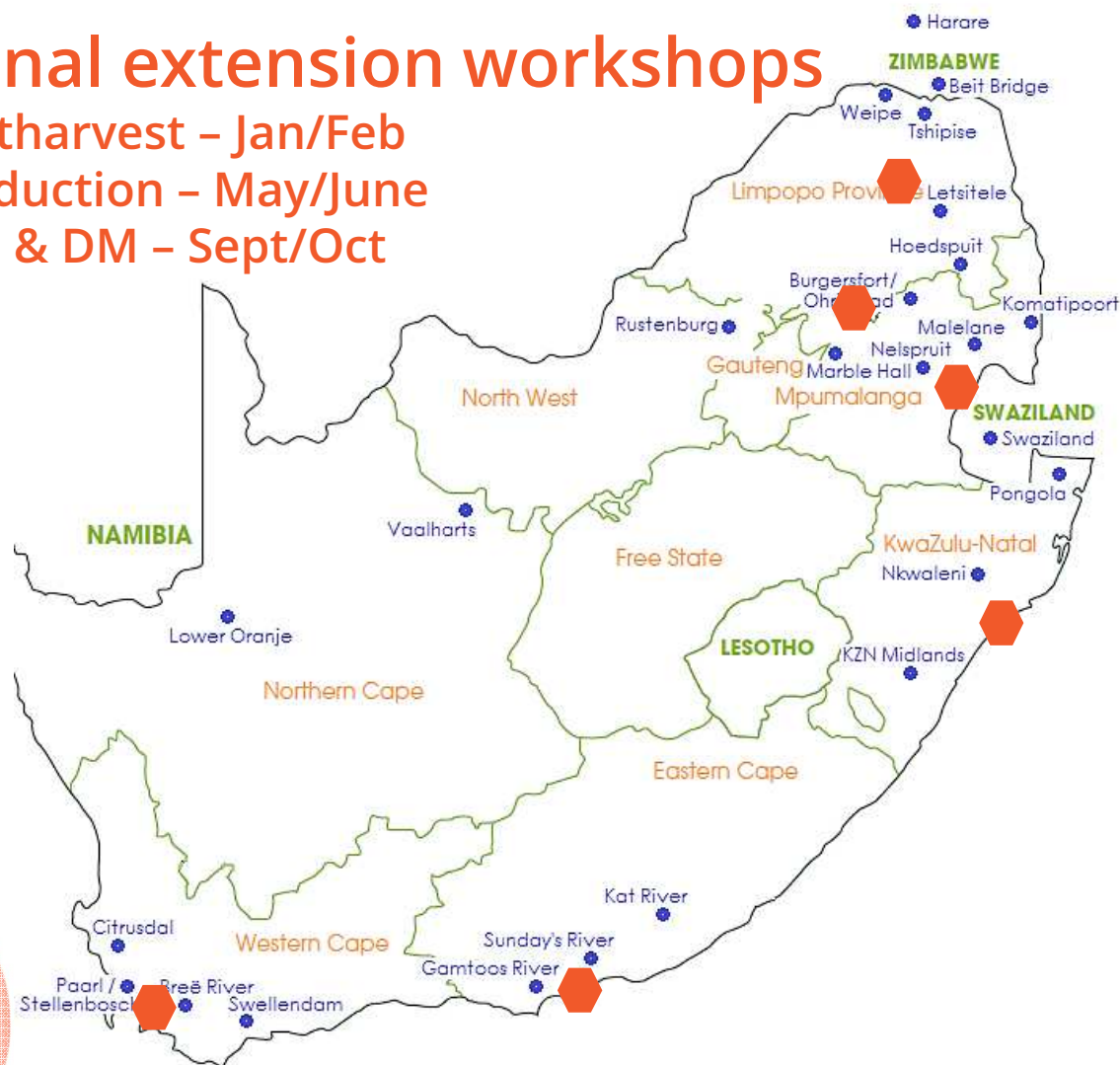


Technology Transfer

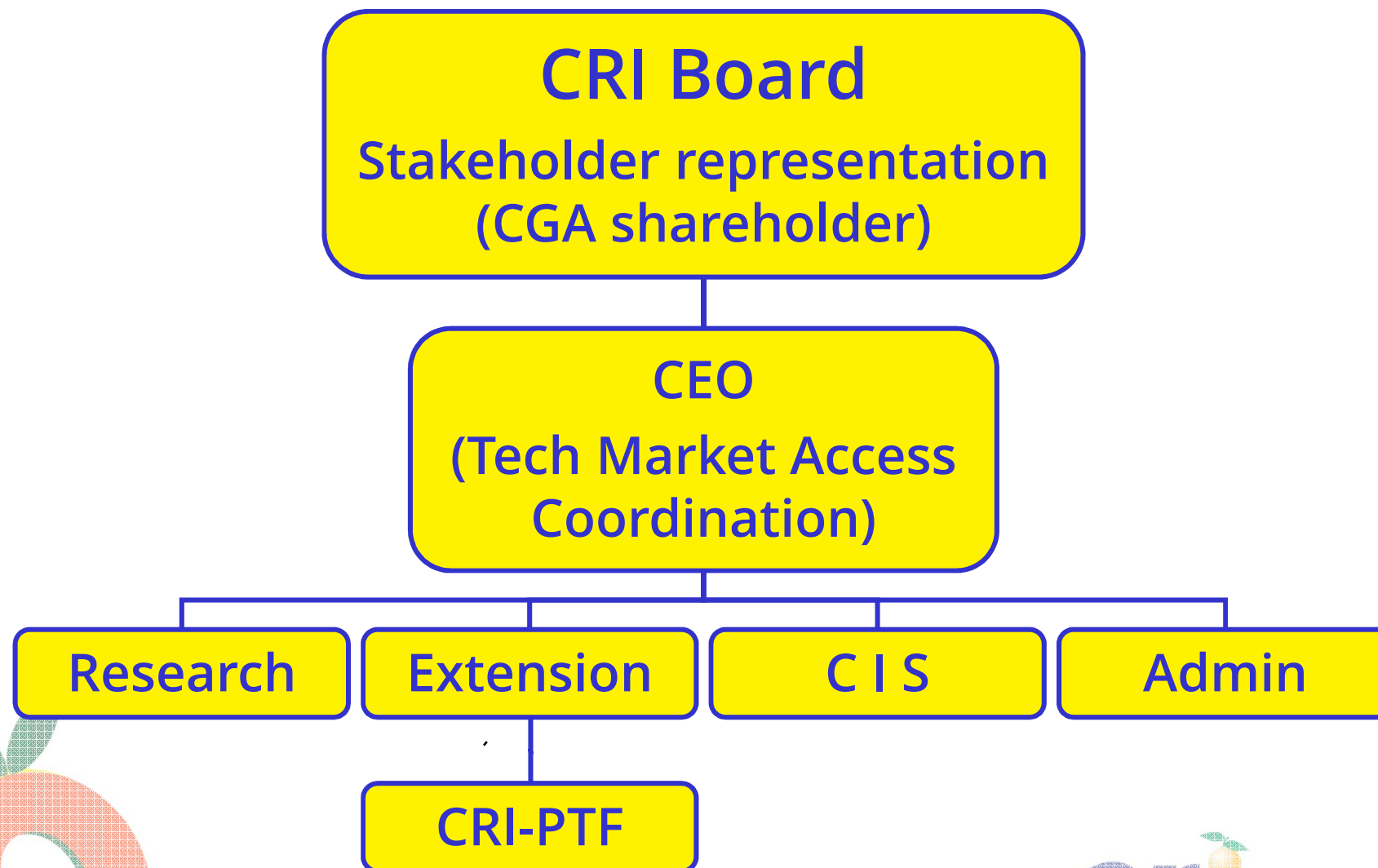
25 technology transfer groups

Regional extension workshops

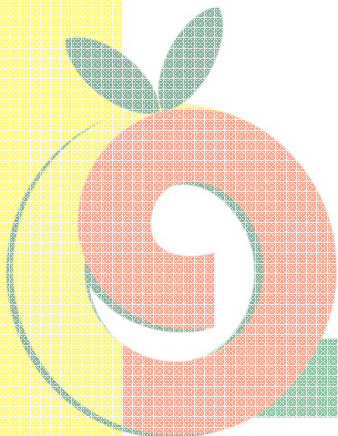
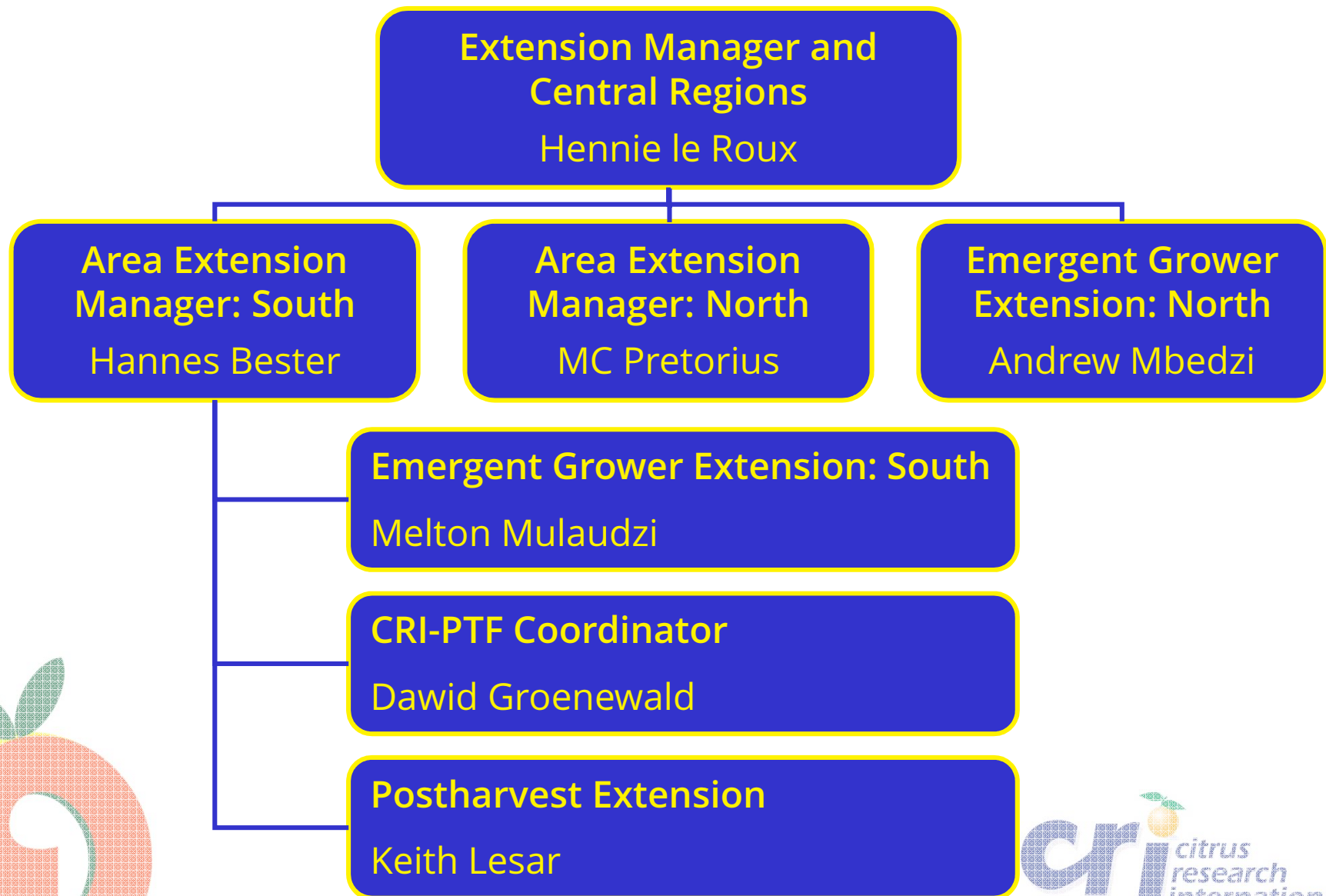
- ❖ Postharvest – Jan/Feb
- ❖ Production – May/June
- ❖ IPM & DM – Sept/Oct



CRI Operational Structure



Extension Operational Structure



Extension Operational Structure



Extension Manager and Central Regions
Hennie le Roux

Area Extension Manager: North
MC Pretorius



Emergent Grower Extension: North
Andrew Mbedzi

Area Extension Manager: South
Hannes Bester



Emergent Grower Extension: South
Melton Mulaudzi

CRI-PTF Coordinator
Dawid Groenewald

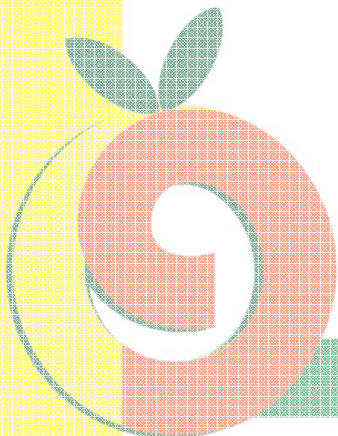
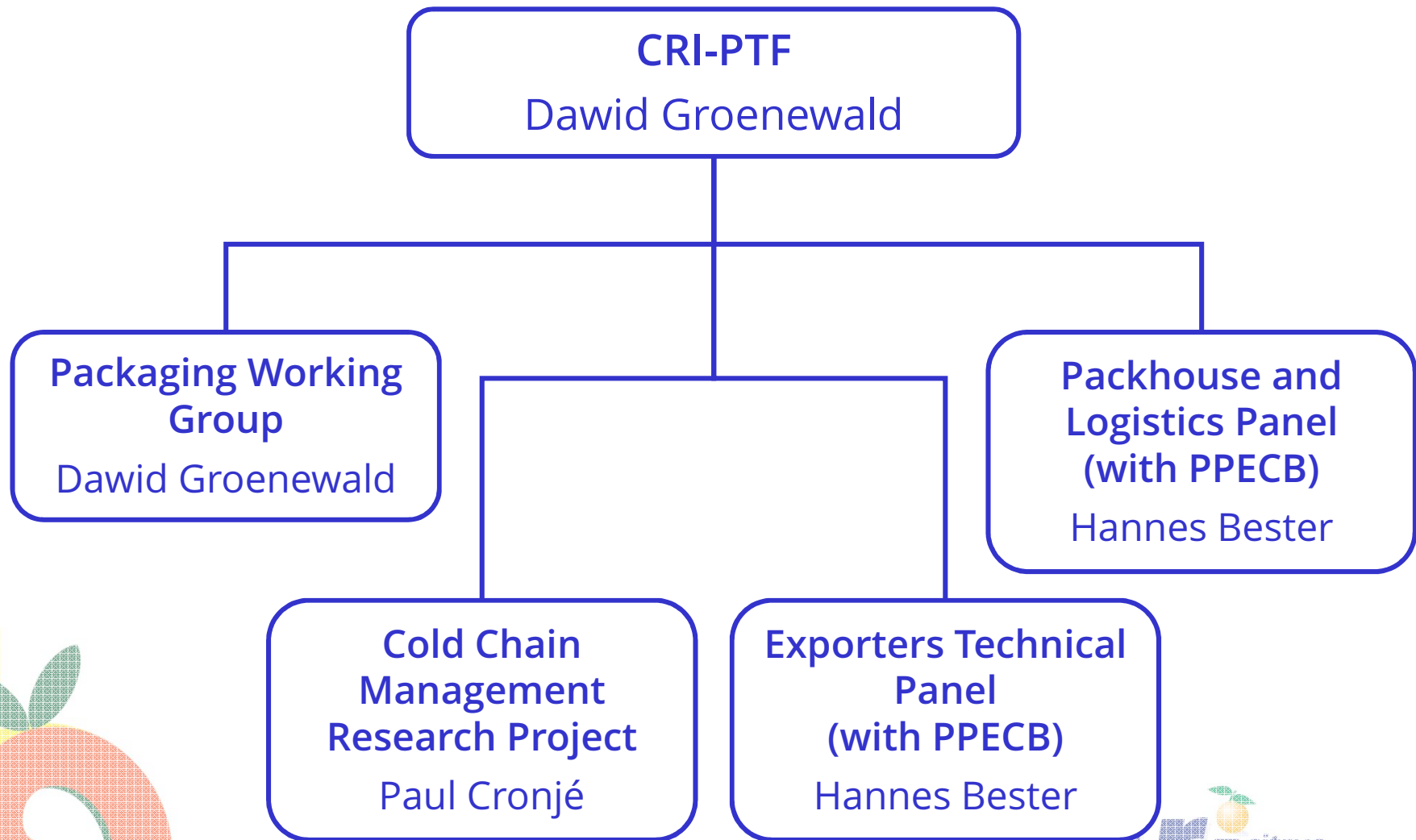


Postharvest Extension
Keith Lesar



Research

CRI Postharvest Forum



Research

CRI-PTF

Packaging Working Group

Sets minimum standard for packing material



Packhouse and Logistics Panel (with PPECB)

Mouth piece for packhouse / postharvest needs

Cold Chain Management Research Project

Research on cooling and postharvest physiology

Exporters Technical Panel (with PPECB)

Ensure compliance to market requirements

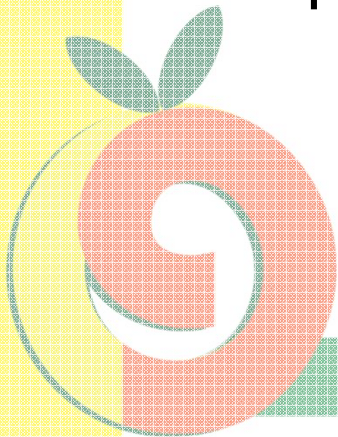


Research

Extension Portfolio

Research Priorities:

- Annually
- Per study group region
- Growers to actively take part in process
- Priority rating
- Research project proposals
- Research programmes committees
- Approval by BODs: CRI & CGA



Research

Extension Portfolio

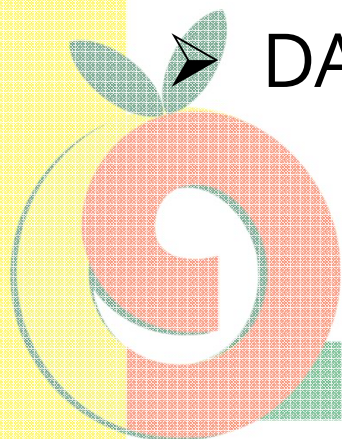
Technology transfer: Group extension

- Bi-annual Citrus Research Symposium
- CRI Regional Workshops - 6 regions, 3 times per year
- Study Groups – 29
- Cutting Edge
- SAFJ Extension Briefs
- Production Guidelines
- CRI-net
- Packhouse and farm visits
- Electronic, telephonic, etc.



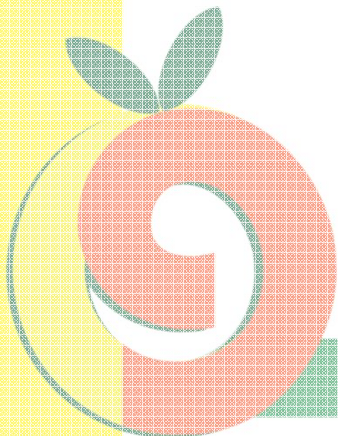
Extension Portfolio

- CRI-PTF
- Transformation
- Research Programmes Committee meetings (DM / IPM / CFQM / Cultivars)
- Citrus Marketing Forum
- Citrus Exporters Forum
- SASCCON
- DAFF / PPECB / Industry meetings



CRI Research Symposium

- Main focus on technical people – SASCCON, Co-ops, chemical reps, etc.
- August – updated feedback prior to new season
- Venue – determined by target audience
- Largest agricultural research feedback symposium in Africa
- Feedback to all regional extension workshops



Research

Transformation Coordination Groups



Transformation
Coordination Groups

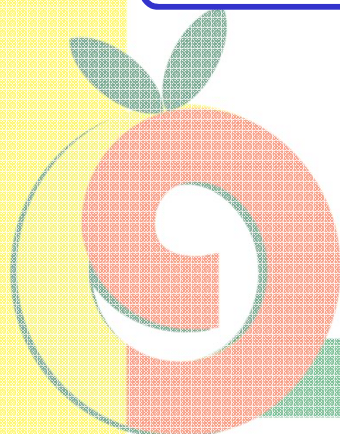


Limpopo Province

Eastern Cape

Mpumalanga

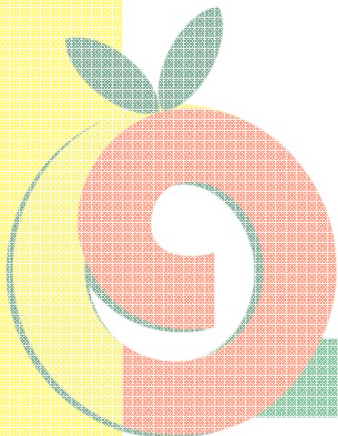
KwaZulu-Natal



Research

Other Involvement of Extension

- Phytosanitary issues - e.g. Inspections to terminate CBS blacklisting
- Biosecurity e.g. *Bactrocera*, Asian Huanglongbing, *Pseudocercospora*, Angola / Brazil
- Pilot trials e.g. pruning, growth regulators
- Local and international organisations e.g. NSSA, IOCV



Research



Thank you

Hannes Bester

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