PhytClean V2

Citrus for the 2022 Export Season

Presenter:

Fruit South Africa (FSA)
Thembeka Meyiwa

Citrus for the 2022 Export Season

Fruit SA is the service provider to NPPOZA

- PhytClean Platform (Farm Management & Orchard Compliance)
- Citrus functionality on PhytClean V2 platform
    - Link: https://app.phytclean.co.za/
    - Registrations (PUC & PHC)
    - Pest Management Systems (FMS, FFMS, BD, CBS)
        - FMS excludes Lemons, Key limes and Kumquats
    - Dashboards

FMS 2021/2022 Changes

1. **Declarations:**
    - PUC Registration/ Exporter Registration/Loading Facilities: Change in declarations
    - Cold Store Registration: A declaration has been added to ensure cold stores undertake to handle FMS fruit at temperatures as specified by the FMS.

2. Monitoring Process:

- Pre-requisite to capture data trees is being removed
- The 5 data tree monitoring system has been changed to one that uses the sampling of the orchard sanitation fruit. This requires more data to be captured at the Fruit Infestation Monitoring step.
- Monitoring should preferably be conducted on the same day every second week, but the interval between any two monitoring days may not be more than 18 days and for a 12-week monitoring period no less than 6 monitoring records are required.

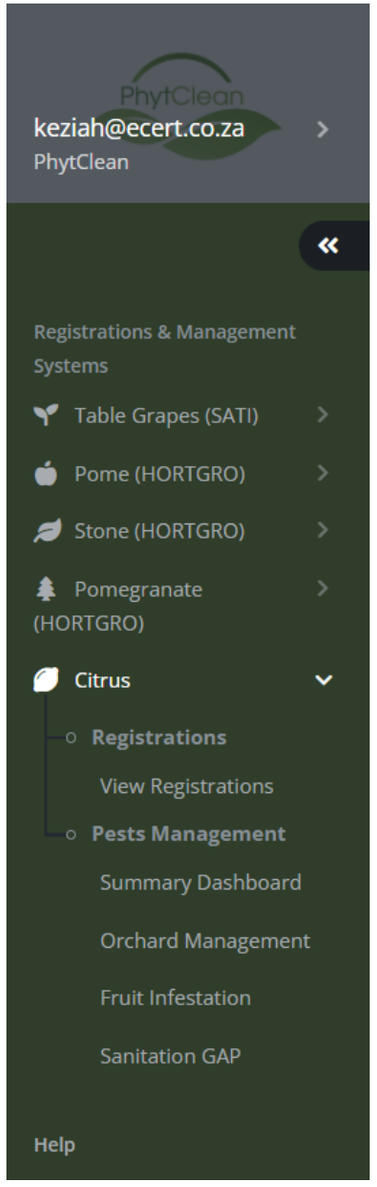
3. Thresholds:

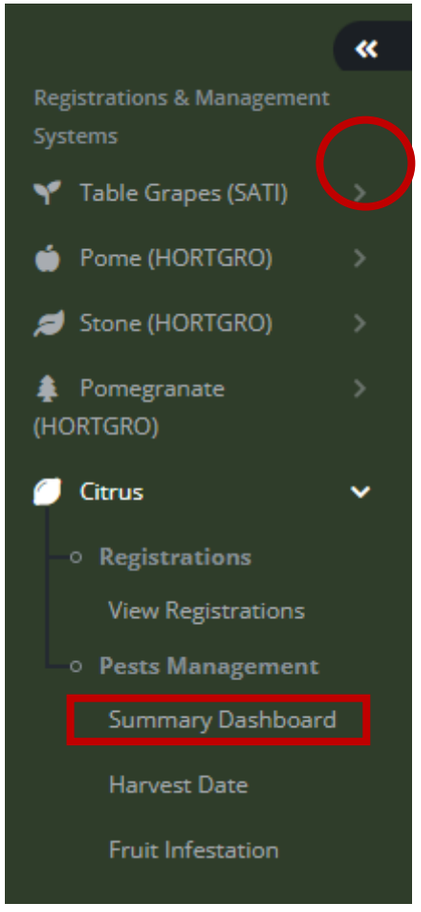
The infested fruit per tree per week exceedance threshold has now been changed from 0.0 to 0.1. If the threshold is exceeded in weeks 12 to 5 before harvest, then a suitable corrective treatment must be applied within 2 weeks after this threshold has been surpassed. If the recorded infestation exceeds the 0.1 threshold in the four weeks preceding the start of harvesting, then fruit from that orchard shall only be potentially eligible for export under Option C.

4. Pre-Verification:

Pre-Verification results will only reflect the regime codes applicable for the 2021/2022 season

Menu Links


PhytClean
keziah@ecert.co.za
PhytClean
Registrations & Management Systems
Table Grapes (SATI)
Pome (HORTGRO)
Stone (HORTGRO)
Pomegranate (HORTGRO)
Citrus
Registrations
View Registrations
Pests Management
Summary Dashboard
Orchard Management
Fruit Infestation
Sanitation GAP
Help


Registrations & Management Systems
Table Grapes (SATI)
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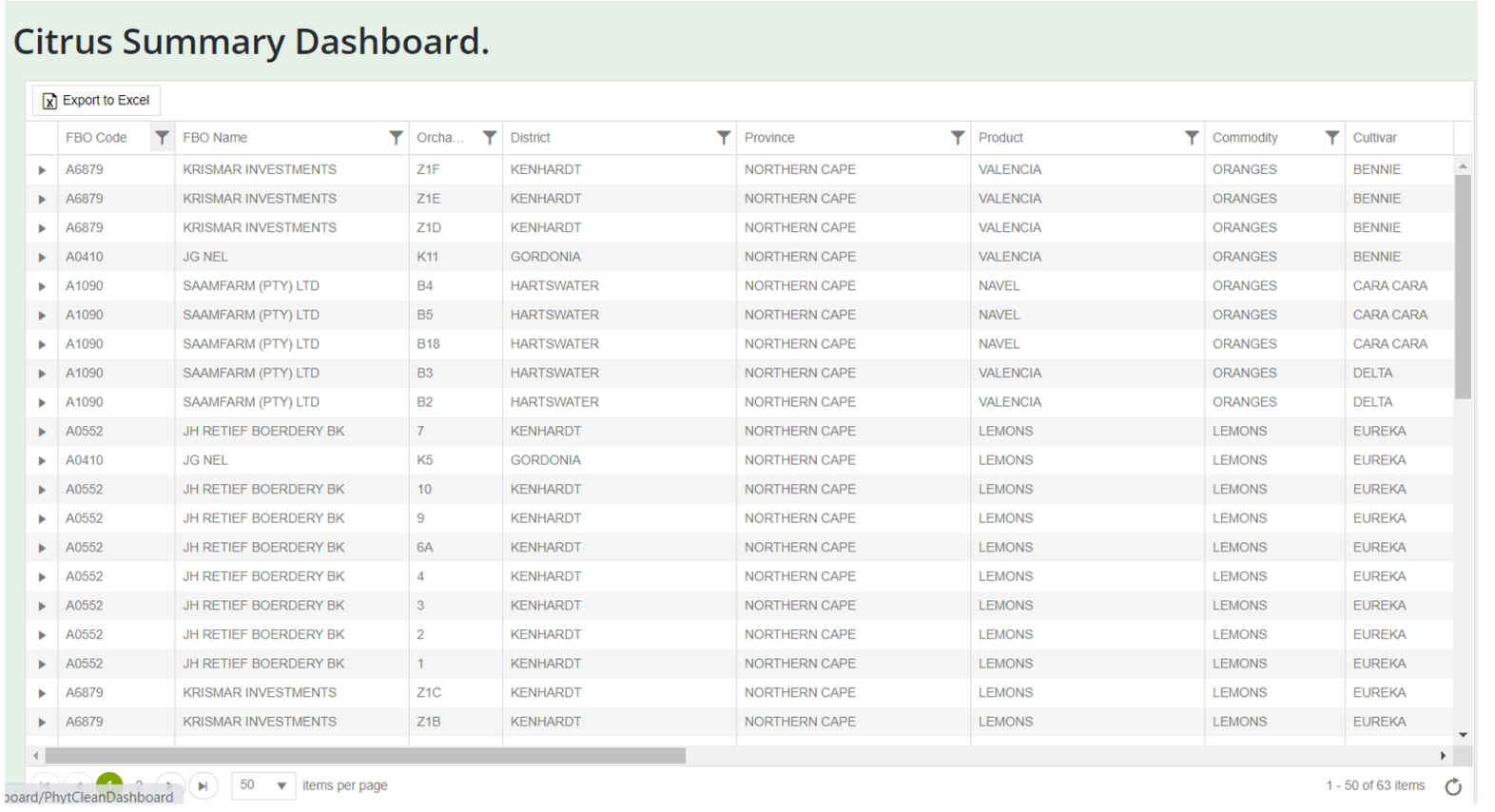
Citrus Summary Dashboard.
Export to Excel
FBO Code
FBO Name
Orcha...
District
Province
Product
Commodity
Cultivar
A6879 KRISMAR INVESTMENTS Z1F KENHARDT NORTHERN CAPE VALENCIA ORANGES BENNIE
A6879 KRISMAR INVESTMENTS Z1E KENHARDT NORTHERN CAPE VALENCIA ORANGES BENNIE
A6879 KRISMAR INVESTMENTS Z1D KENHARDT NORTHERN CAPE VALENCIA ORANGES BENNIE
A0410 JG NEL K11 GORDONIA NORTHERN CAPE VALENCIA ORANGES BENNIE
A1090 SAAMFARM (PTY) LTD B4 HARTSWATER NORTHERN CAPE NAVEL ORANGES CARA CARA
A1090 SAAMFARM (PTY) LTD B5 HARTSWATER NORTHERN CAPE NAVEL ORANGES CARA CARA
A1090 SAAMFARM (PTY) LTD B18 HARTSWATER NORTHERN CAPE NAVEL ORANGES CARA CARA
A1090 SAAMFARM (PTY) LTD B3 HARTSWATER NORTHERN CAPE VALENCIA ORANGES DELTA
A1090 SAAMFARM (PTY) LTD B2 HARTSWATER NORTHERN CAPE VALENCIA ORANGES DELTA
A0552 JH RETIEF BOERDERY BK 7 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0410 JG NEL K5 GORDONIA NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 10 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 9 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 6A KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 4 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 3 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A0552 JH RETIEF BOERDERY BK 2 KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
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A6879 KRISMAR INVESTMENTS Z1C KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
A6879 KRISMAR INVESTMENTS Z1B KENHARDT NORTHERN CAPE LEMONS LEMONS EUREKA
50 items per page
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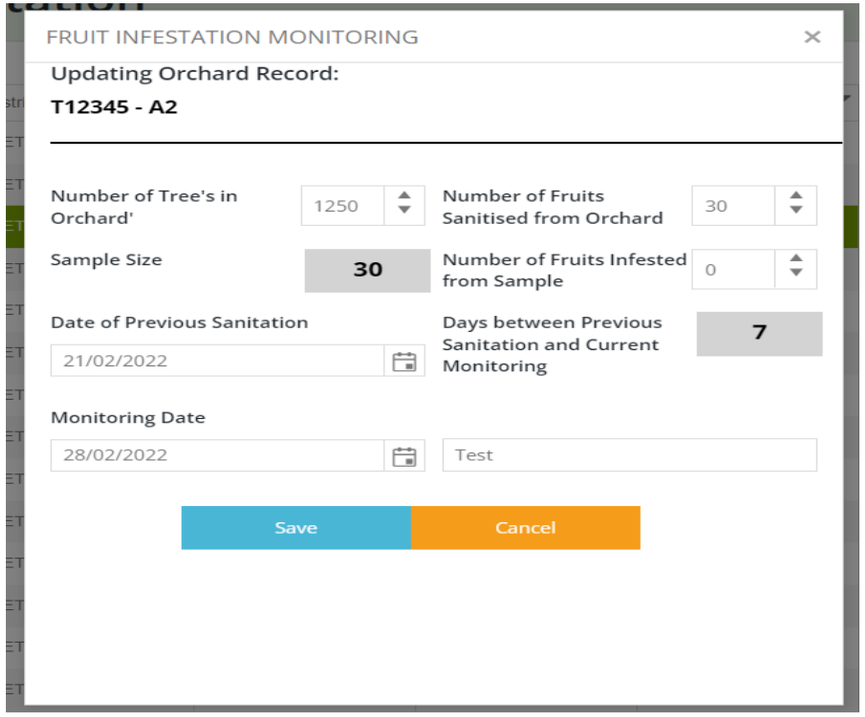
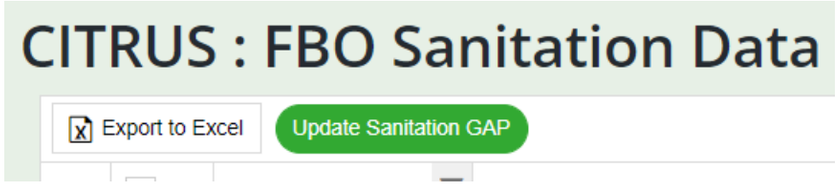
Fruit Infestation

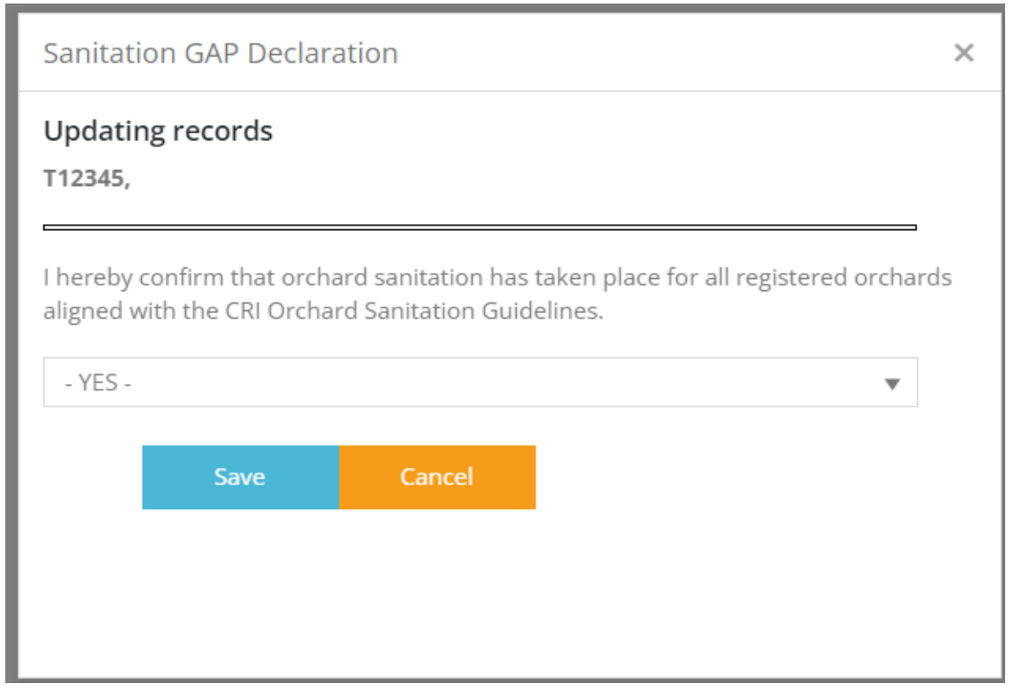
- Capture the date of previous sanitation and monitoring event, total number of fruit collected per orchard, total number of fruit in sample that were infested with FCM (larva present or exited).



Sanitation GAP

- Orchard sanitation is an important component of GAP for FCM management
- Every 4 weeks PhytClean will require a reconfirmation that sanitation practices have been maintained on each orchard.





Work In Progress

1. FMS Controls:
    a. Orchard Treatment
    b. Key Dates Dashboard
2. Exporter, Loading Facility, Freight Forwarder and Third-Party Registration: Closes 1 April 2022 (no late registrations will be accepted)
3. EU measures:
    a. CBS
    b. FMS
4. API
    a. StandardPhytoData: Testing complete and on production
    b. Other endpoints
5. PhytClean option to indicate completion of harvest (to stop FCM processes)
6. FFMS PDI
7. PreVerification report
8. TUM (API and UI)

Challenges

1. Users aren’t capturing monitoring data on time hence them becoming non-compliant
2. PhytoData status not syncing, for Stone, has been sorted and is stable
3. Incorrect interpretation of PreVerification Report

PreVerification Report

Fbo Code	Orchard	Cultivar	CBS Status	EU Orchard Applied	EU Orchard Verified	BD Removal Permit	Symptom Expression Test	Orchard Inspection	CBS Listing	Original FMS Orchard Status	Current FMS Orchard Status	FFMS Orch Status	EU Orchard Status
L1010	300	CAMBRIA	TRUE	TRUE	APPROVED	NOT REQUIRED	NA	TRUE	NO LISTING	CC	OH	FX	FALSE

PHYTCLEAN VERIFICATION KEY	00DD2375
REPORT TIME	15/07/2021 09:22:24
DATA EXPIRATION TIME	17/07/2021 13:22:24
USER NAME	KEZIAH NAIDOO
DATE PRINTED	15/07/2021 09:23:25
PACKHOUSE PRE-VERIFICATION	
DETERMINING FMS STATUS (CURRENT)	OH
DETERMINING EU STATUS (CURRENT)	FALSE
PDI TRACKER *	LAPSED
SHIPPING PRE-VERIFICATION	
DETERMINING FMS STATUS (ORIGINAL)	CC
DETERMINING EU STATUS(ORIGINAL)	TRUE
PORT	ZADUR
BEST REGIME CODE	ECW0
REGIME CODE OPTIONS	EC01,EC0,ECW0,EW01,ECW01
ORIGINAL = CURRENT CASES	FALSE
CBS AREA CHECK	NON-CBS FREE AREA ONLY

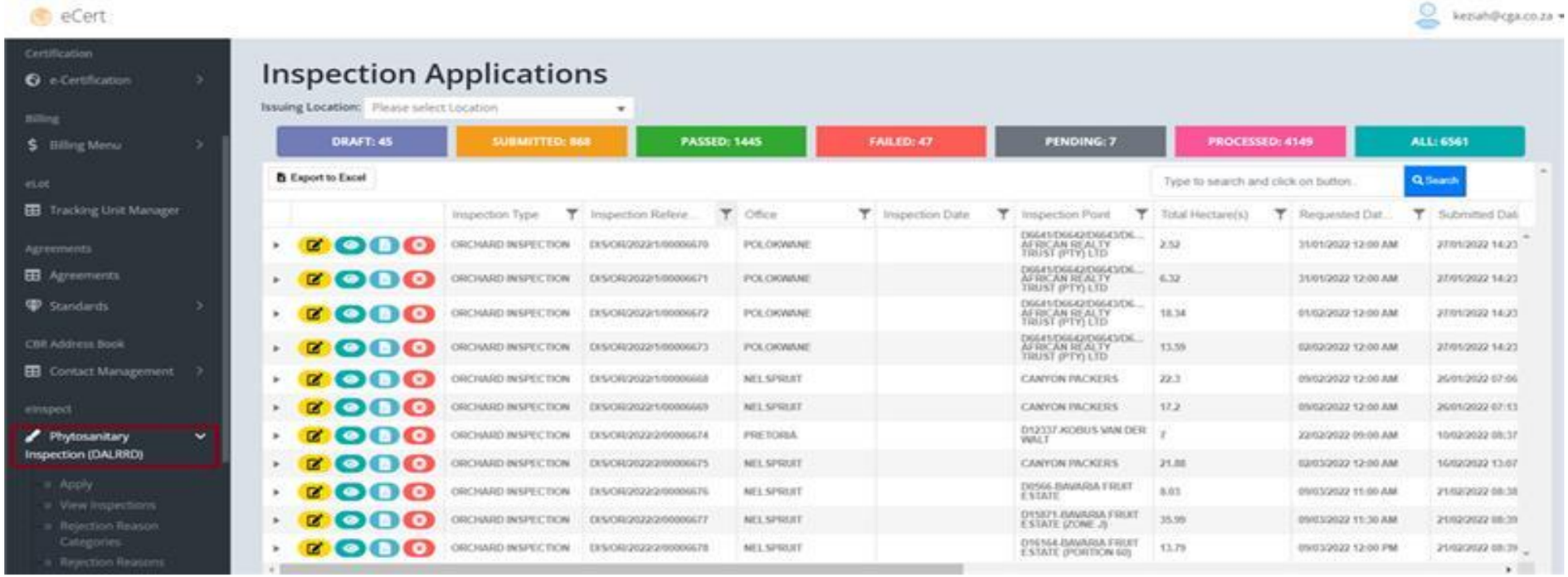
PUC	ORCH	REG CULT CODE	CBS	APPLIED	VERIFIED	BD	ORIG FMS ORCH STATUS	CURR FMS ORCH STATUS	ORIG EU	CURR EU	PHYTO DATA
L1010	300	CBM	TRUE	TRUE	APPROVED	NOT REQUIRED	CC	OH	TRUE	FALSE	EUCCOHFX

1. If an orchard is put on-hold(OH) or withdrawn(WL) for FCM:
   - **Determining EU Status(Current)** will show as FALSE and thus will stop inspections at the packhouse
   - **Determining EU Status(Original)** will show original value so that anything already passed will be allowed to go
   - **PhytoData** Status will show accordingly next to each orchards

2. If a PDI has expired then the PDI Tracker will show as LAPSED

eInspect

- eInspect: Orchard Inspection: Functionality is now available for users to apply for an orchard inspection and for DALRRD inspectors to update the results.
- To be completed via https://app.ecert.co.za/

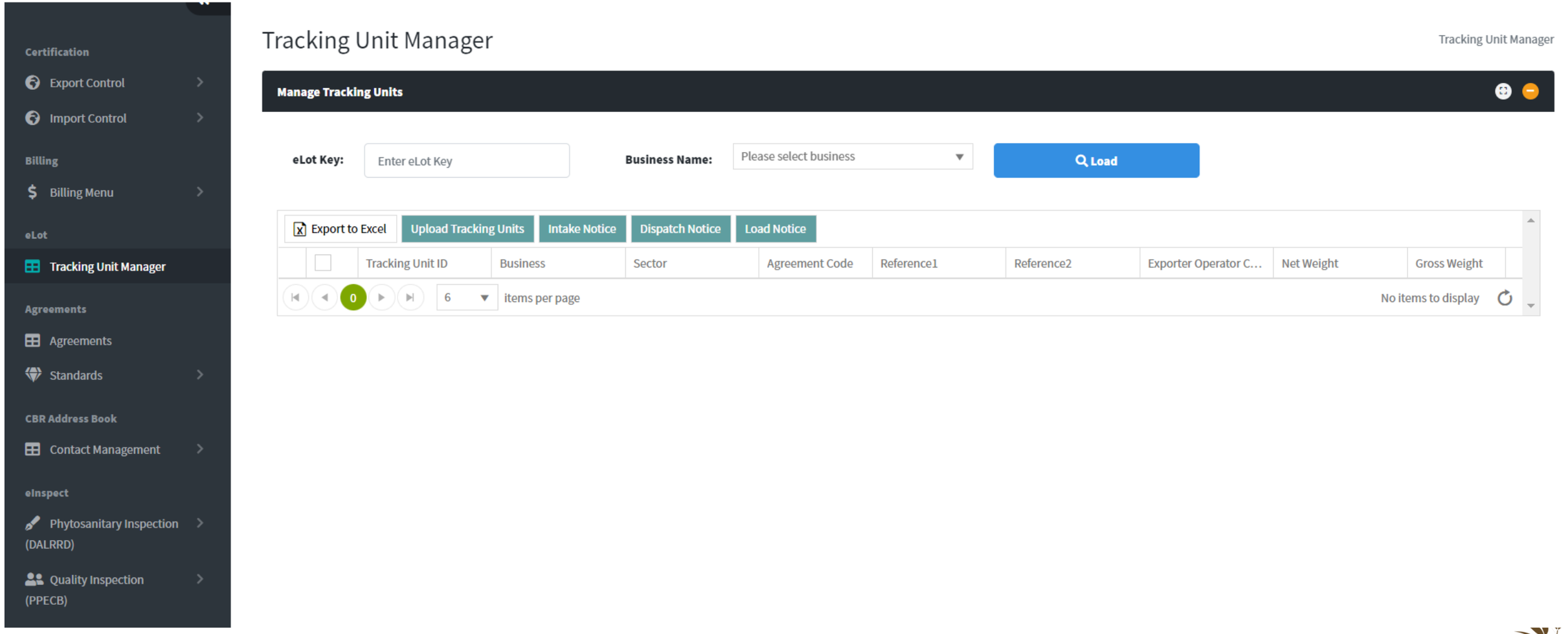


TUM (Tracking Unit Manager) (TUR 2.0)

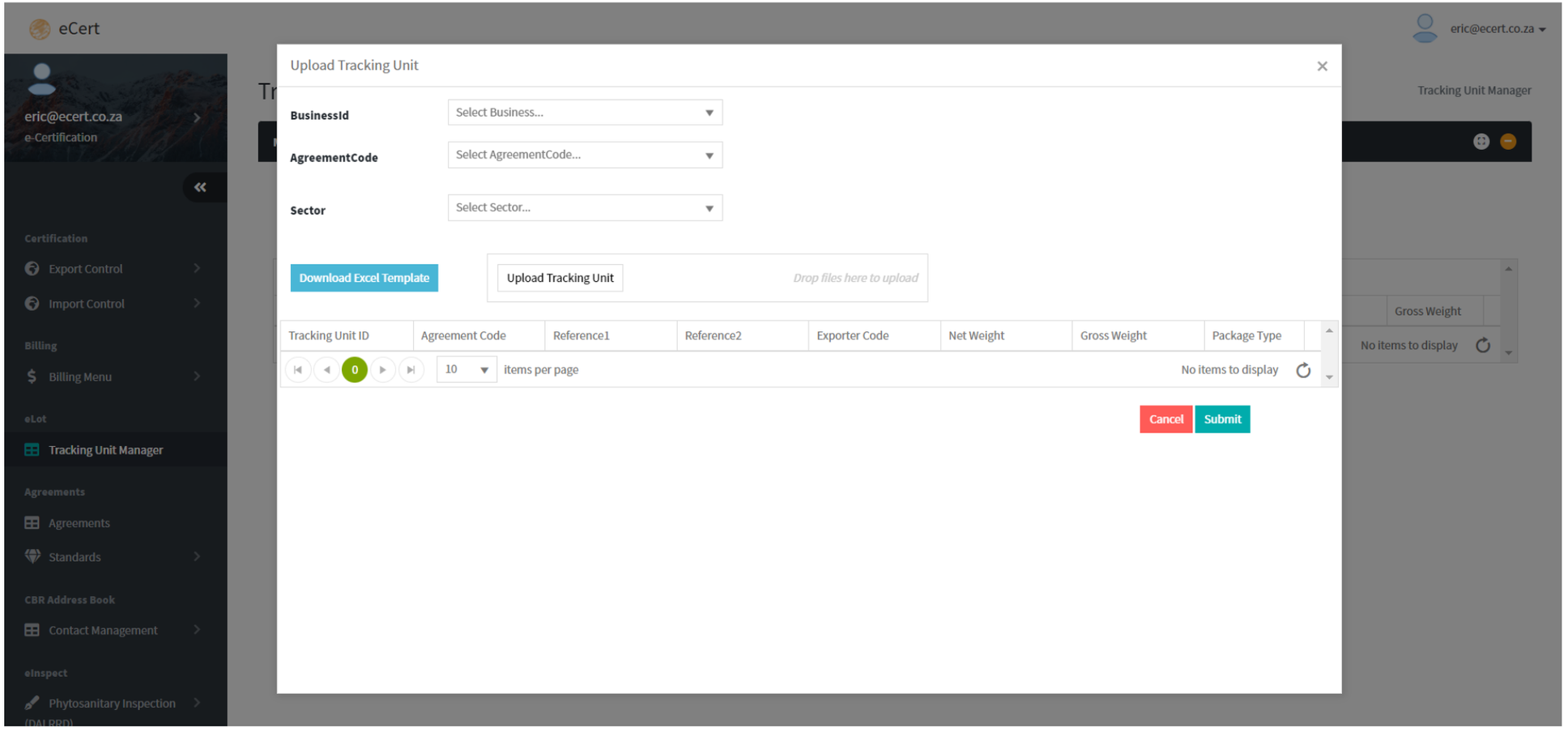
- TUM is a system that stores relevant data around tracking units (e.g., in the fruit industry this means data relevant for pallets).
- TUR (Tracking unit register) has been upgraded to version 2, which has been named TUM (Tracking Unit Manager) and will provide “The Single Point of Truth”. This is a separate system with its own cluster of servers. Systems such as eCert, Titan, PhytClean, Vendors, Integrators, Cold Store Systems and GPS Logger Systems will push and pull data to TUM to ensure that tracking units always have the latest data
- The system has been updated to include steps for clients to indicate when the tracking units are dispatched and respectively received at a location as well when it is being loaded in preparation for export. These endpoints have been created to replace the track and trace capability shown in the current paper-based PI (pallet in) and PO (pallet out) files

- TUM can be accessed via API or UI
  Link: http://qa.tum.ecert.co.za/swagger/index.html (QA - Testing in progress)
  Guide: https://ecert.co.za/wp-content/uploads/2022/02/Tracking-Unit-Register-V2-API-Guide.pdf
- TUM dashboard will be accessed via https://app.ecert.co.za/ (Testing Phase)

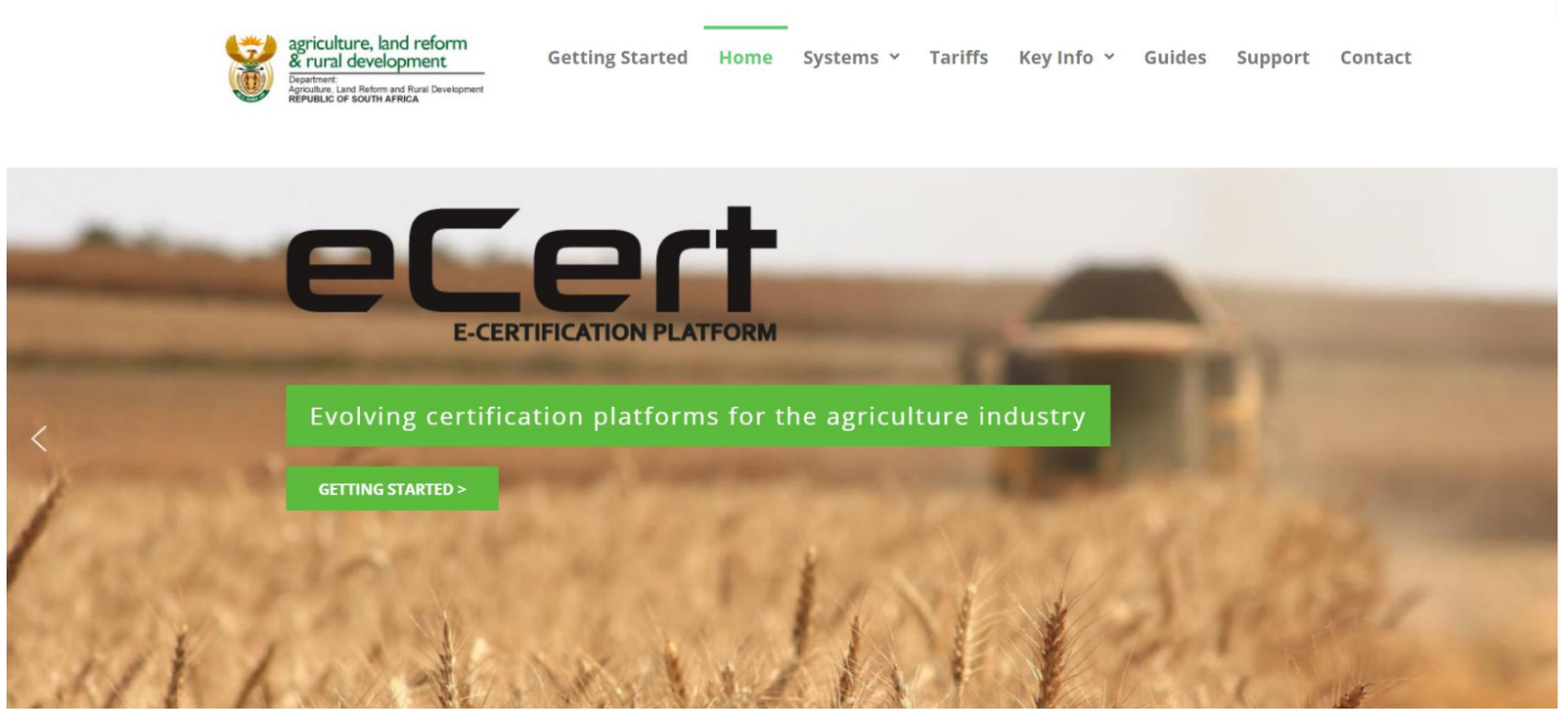
TUM Dashboard



Upload Tracking Unit



eCertification



- For more information (guides and videos) visit: https://ecert.co.za/
- The QA environment can be used to test the submission of phytos: http://qa.ecert.co.za/

Contact Us

Please contact our Support Team for any questions you might have.

Office: (0)31 940 6795

Email: support@ecert.co.za

Log a ticket on: https://ecert.co.za/support/

Thank you

Any questions…

Thembeka Meyiwa
- BA, Support Team Lead and Trainer
- Fruit South Africa (FSA)

Fruit SA is the service provider to NPPOZA

More Information:
https://app.phytclean.co.za
https://ecert.co.za
Cutting Edge 331
FMS Preharvest Infestation Monitoring