

**CRT** **CropBase**<sup>®</sup>  
*Track & trace software*

*Introduced by*

***Jim Grierson***

***Christchurch NZ***

# CropBase®

- CropBase Software Introduction and History
  - Jim Grierson Agronomist NZ
- The Importance of Track and Trace



# CropBase

- The definition and importance of Track and Trace for the Horticultural Industry.
- Tracking
- Traceability
- Introduction HortBase (UK) Ltd
  - Keith Tridgell

# *CurrantBase*®

Introduced by

**Keith Tridgell**

**Somerset UK**

**HortBase**  
**(UK) Ltd**



- History
- Purpose
- Services
- Contact details -  
[Keith@cropbase.co.uk](mailto:Keith@cropbase.co.uk)  
+44 (0)7899 790713

# CurrantBase®

- WHAT CURRANTBASE MEANS TO STAKEHOLDERS:
- An Overview
- For Growers
- For Processors/Exporters
- For Logistics
- For Industry

# CurrantBase®

- Designed by Industry Specialists for growers, exporters, logistics, processors and Industry.
- Used Internationally by growers, processors and Industry in NZ & UK
- Trace the cultural and crop inputs.
- Track the harvested fruit from the “Plantation to the Processor”

# CurrantBase

- Applications for all horticulture crops.
- Growers input and record all crop inputs, cultural and harvest data.
- Can have single or multiple users for same client base.
- Processors, exporters, logistics and Industry can view, analyse and print reports, with data access controlled by growers.

# CurrantBase - Grower Identity

The screenshot shows a web browser window titled "Grower - Microsoft Internet Explorer provided by CRT". The address bar shows the URL "https://www.cropbase.com/CBUKDemoGrower/App/Grower.aspx". The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The page content features the CurrantBase logo and a navigation menu with icons for Home, Grower, Blocks, Activities, Fertilizing, Sprays, Harvest, Yield, Notebook, Feedback, and Report. A "Your grower details" modal window is open, displaying a form for grower information. The form is organized into two columns of input fields. The top column includes fields for Reg #, Surname, Initials, Company, Email, Property name, Address, Region, Rapid Num, Growsafe Num, and VegfedQA Num. The bottom column includes fields for First name, Phone, Mobile, Fax, Mapping Ref, Approved Sup Num, Expires, and another Expires field. A "Key Contact" section at the bottom contains fields for Surname and Phone. At the bottom of the form are "Save" and "Cancel" buttons. The browser's status bar at the bottom shows the Windows taskbar with various application icons and the system clock displaying 4:38 p.m.

UK/Ireland Demo  
**CurrantBase**  
Track & trace software

Home Grower Blocks Activities Fertilizing Sprays Harvest Yield Notebook Feedback Report

Demonstration, Test (demo)  
Log out

**Your grower details**

**Grower Information**

Reg #	KT999	First name	Test
Surname	Demonstration		
Initials	T		
Company	Currantman Ltd		
Email	demo@currantman.com		
Property name	King Currant		
Address	62 Black Road	Phone	123 456 789
	Kent	Mobile	0271 111 222
	NH5 W6B	Fax	123 456 777
Region	Kent	Mapping Ref	
Rapid Num		Approved Sup Num	
Growsafe Num	Calibration Certificate	Expires	15/02/2008
VegfedQA Num		Expires	
<b>Key Contact</b>			
Surname	Thatcher	First name	Dennis
Phone	123 456 888	Mobile	123 456 999

Save Cancel

# Field Identification

Blocks - Microsoft Internet Explorer provided by CRT

https://www.cropbase.com/CBUKDemoGrower/App/Blocks.aspx

UK/Ireland Demo

**CurrentBase®**  
Track & trace software

Home Grower Blocks Activities Fertilizing Sprays Harvest Yield Notebook Feedback Report

Demonstration, Test (demo) Log out

Season:  Go

Big Block	Name	Rows	Area Ha	Planted	Retired	Variety	Row N	Row S	Row L	Total L	Delete
HOME	H1		4.32	15/01/1985	15/12/1998	Baldwin	122	2.7	131	15892	X
HOME	H1A	10-65	2.2	15/01/1999		Ben Tirran	56	3	131	7336	X
HOME	H1B	2-26	2.12	15/01/1999		Ben Gairn	25	3	282	7050	X
HOME	H2		2.02	15/01/1997		Ben Tirran	48	3	140	6720	X
HOME	H3		2.6	15/01/2000		Ben Alder	62	3	140	8680	X
OAK TREE	Oak Trials	1-28	1.56	13/04/2010		Baldwin	28	2.5	223	6244	X
OAK TREE	OAK-1		2.4	15/01/1999		Ben Tirran	63	3	127	8001	X
OAK TREE	OAK-1		2.4	15/01/1985	15/12/1998	Baldwin	70	2.7	127	8890	X
OAK TREE	OAK-2		2.4	15/01/1997		Ben Tirran	63	3	127	8001	X
OAK TREE	OAK-3	1-53	2.02	15/01/2009		Ben Tirran	53	3	127	6731	X

Showing all 10 records

Per page: 25 Set

**Fields**

- Fields
- Replant or reduce fields
- Set Processor permissions to view fields
- Record/estimate Key dates and Intended End Uses

Done

start | Inbox - Microsoft Out... | CropBase PRZ docs | Microsoft PowerPoint... | https://www.cropbas... | Blocks - Microsoft Int... | Desktop | 4:41 p.m.

# CurrantBase for Growers

- Crop export “rules” are live and interactive with spray diary.
- Compare crop compliance to market schedule rules.
- Print fertiliser recommendations for fertiliser applicators.
- Grower can control what data is available for use by processor, exporter and Industry.

# CurrantBase for Growers

- Reconcile spray stocks against crop use and purchases.
- Applicable to single or multiple spray sheds.
- Print spray recommendations for spray applicators.
- Cash Analysis Tool included.

# Spray menu - options

The screenshot displays the CurrenBase software interface within a Microsoft Internet Explorer browser window. The browser address bar shows the URL <https://www.cropbase.com/CBUKDemoGrower/App/Spray.aspx>. The software interface includes a navigation menu with options like Home, Grower, Blocks, Activities, Fertilizing, Sprays, Harvest, Yield, Notebook, Feedback, and Report. The main content area is titled 'Spray' and shows a table with columns for Date, Status, and Blocks. A record for '01/08/2007' with status 'Planned' and blocks 'H1A, H1B' is visible. An 'Edit Spray' dialog box is open, showing various configuration options for a spray operation. The 'Application' tab is selected, displaying fields for Sprayer Operator (Farm Spray services), Coverage (full cover), Spray Equipment (AIR BLAST - 1000), Tank Volume (2500 L), and Spray Rate (1000 L/Ha). A summary box on the right indicates an area of 4.32 Ha, a total mix of 4320 L, and tank loads of 1.73. Below these fields is a table for 'Products' with columns for Product, UOM, /Ha, /100 L, /tank, Total, and Delete. A 'New Spray Line' sub-dialog is also open, showing the product 'MASAI' (terbufenpyrad 1.5 kg/ha) with a rate of 1.5 kg /Ha and a 'From shed' dropdown set to 'home farm shed'. A 'Show Rules' section lists several warnings: 'Concentrate NOT APPROVED FOR USE', 'Independent Quick Frozen NOT APPROVED FOR USE', and 'Residue Free NOT APPROVED FOR USE'. The Windows taskbar at the bottom shows the Start button and several open applications, including Inbox, CropBase PRZ docs, Microsoft PowerPoint, and the current browser window.

UK/Ireland Demo  
**CurrenBase**  
back & track software

Home Grower Blocks Activities Fertilizing Sprays Harvest Yield Notebook Feedback Report

Demonstration, Test (demo) Log out

Spray shed Print Add

Season 2007-2008 Go

Date Status Blocks

01/08/2007 Planned H1A, H1B

Showing all 1 records

Delete X

Edit Spray

1. Date & Comments 2. Blocks 3. Application 4. Conditions 5. Rule checks

Sprayer Operator Farm Spray services List

Coverage full cover

Spray Equipment AIR BLAST - 1000 List

Tank Volume 2500 L

Spray Rate 1000 L/Ha

Area : 4.32 Ha  
Total Mix : 4320 L  
Tank Loads : 1.73

Products Add

Product	UOM	/Ha	/100 L	/tank	Total	Delete
---------	-----	-----	--------	-------	-------	--------

New Spray Line

Product MASAI  
terbufenpyrad 1.5 kg/ha

Rate 1.5 kg /Ha

From shed home farm shed

Show Rules

Concentrate NOT APPROVED FOR USE  
Independent Quick Frozen NOT APPROVED FOR USE  
Residue Free NOT APPROVED FOR USE

Op sheet LERAP Dupli

ack Next >>

Save Cancel

Done

Internet 100%

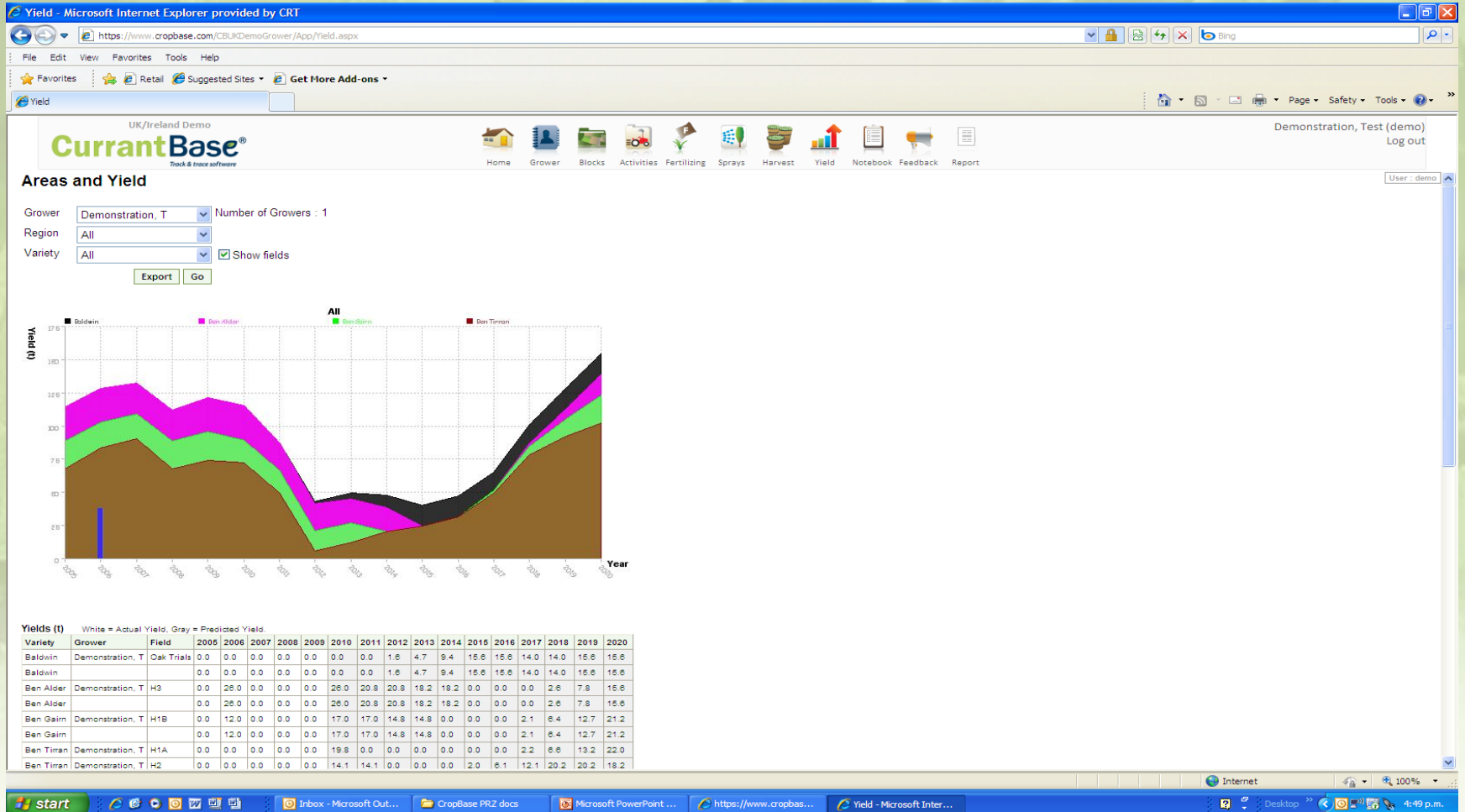
start Inbox - Microsoft Out... CropBase PRZ docs Microsoft PowerPoint ... https://www.cropbas... Spray - Microsoft Int... Desktop 4:46 p.m.

# CurrantBase for Growers

- Estimate of crop yield v. actual yield.
- Harvest container reconciliation.



# Yield forecasting



# CurrantBase for Growers

- Sales reconciliation of harvest diary.
- Global GAP compliant.



# Harvest Diary

Csg - Microsoft Internet Explorer provided by CRT

https://www.cropbase.com/CBUKDemoGrower/App/Csg.aspx

File Edit View Favorites Tools Help

Home Grower Blocks Activities Fertilizing Sprays Harvest Yield Notebook Feedback Report

UK/Ireland Demo **CurrantBase**  
Track & trace software

Season 2007-2008 Go All Current Reconcile Bins

Consignments Harvest lines

Showing all 0 records

Harvest Date Csg Ref Csg Date Block Variety Processor Order # Weight (t) Brix # bins Bin type Bin #'s Notes Delete

Total bins: 0.0

Per page: 12 Set

**New Harvest Line**

Unassigned.

Harvest Date 09/06/2008 DHS Ref

Block OAK-1 Select

Processor GSK

Order # Method Machine

Net Weight t Mixed

Tracking numbers

From to

Reconciling bins

Count Calculate

Type

Avg. capacity GSK  
Avg capacity: 7 t

ARCA  
Avg capacity: 0.5 t

This harvest  
Avg capacity: 0.5 t

This harvest  
Avg capacity: 0.5 t

Alcohol % Acids

Brix pH

Notes

Save Cancel Save & Add New

Done

start Inbox - Microsoft Out... CropBase PRZ docs Microsoft PowerPoint... https://www.cropbas... Csg - Microsoft Inter... Desktop 4:59 p.m.

# CurrantBase - Exporters & Processors

- View grower spray and fertiliser diary.
  - Search function for products or a.i. (active ingredient) used by grower, region, variety, crop, rates and dates
- View grower harvest diary.
- Compare crop compliance for designated export market rules.
- View and track harvest container diary.

# Spray Query search

**GrapeBase** New Zealand TECHNICAL RECIPES LIMITED

Home Menu Spray Query Logout Contact Us Links Help PureWeb for Growers (new)

### Spray Query

Season: 2008-2009 Region: All  
Product: All Reasons:   
Active Ingredient: glyphosate Comments:   
Variety: All Show Product Names   
Grower: Grape, G  Show Reasons & Comments

Block	Variety	Date	HI	CropStage	Chemical	Category	Rate / 100L	Water Rate / ha	Reasons	Comments
E-1	Cabernet Sauvignon	28/02/2009	38	dormant EL-01	ROUNDUP RENEW	HRB	150 ml	1000		
E-1	Cabernet Sauvignon	1/04/2009	6	harvest EL-38	ROUNDUP RENEW	HRB	564.516 ml	250	Strip width 1.6 on row width 3m	
R-5	Chardonnay	28/02/2009	5	dormant EL-01	ROUNDUP RENEW	HRB	150 ml	1000		
E-2	Merlot	28/02/2009	46	dormant EL-01	ROUNDUP RENEW	HRB	150 ml	1000		
E-2	Merlot	1/04/2009	14	leaf colour change EL-42	ROUNDUP RENEW	HRB	564.516 ml	250	Strip width 1.6 on row width 3m	

1

# Crop compliance for market

Tracking - Microsoft Internet Explorer provided by CRT

https://www.cropbase.com/CurrantBaseUKDemo/User/Tracking.aspx

File Edit View Favorites Tools Help

Tracking

User: crtHarry

## CurrantBase®

UK/Ireland Demo

TECHNICAL RECIPES LIMITED

Home Menu Tracking Logout Contact Us Links Help PureWeb for Growers (new)

### Spray Tracking

Season: 2010  
Grower: keith triggell  
Ordered By Processor Bin

Change Params Click on any line for more spray information.

Field	Variety	Harvested	Bins	C IQF RF	Warnings
A1	Ben Gain	31-May-10	No harvest	✓✓✓	No Sprays
A2	Ben Lomond	31-May-10	No harvest	✓✓✓	No Sprays
P1	Ben Hope	31-May-10	No harvest	✓✓✓	No Sprays
P2	Ben Dorain	31-May-10	No harvest	✓✓✓	No Sprays
STUMP	Ben Avon	31-May-10	No harvest	✓✓✓	No Sprays
TRY	Ben Gain	31-May-10	No harvest	✓✓✓	No Sprays
GETOFFMYLAND	Ben Dorain	31-May-10	No harvest	✓✓✓	No Sprays
GOLD	Ben Avon	31-May-10	No harvest	✓✓✓	No Sprays
SILVER	Ben Dorain	31-May-10	No harvest	✓✓✓	No Sprays
BRONZE	Baldwin	31-May-10	No harvest	✓✓✓	No Sprays

Show Legend

Disclaimer: This software is intended as guide only, not as a sole reference for government, processor or export rule compliance. Users are expected to manually check all rules and values. As with all software, this application may contain yet undiscovered bugs and/or entry errors and CropBase and Technical Recipes Limited does not except any financial responsibility for losses resulting from such errors. Copyright 2008 CropBase Email: info@cropbase.com

start | Internet | 100%

Inbox - Microsoft Out... CropBase PRZ docs Microsoft PowerPoint ... Tracking - Microsoft I... Spray - Microsoft Int... Desktop 5:05 p.m.

# CurrantBase - Logistics

- View and print grower harvest diary.
- Compare crop compliance for designated export market rules.
- Track harvest unit diary.

# CurrantBase - Industry

- Estimate of crop yield v. actual yield by :
  - grower
  - region
  - variety
  - age
- View production v. planted area by :
  - grower
  - region
  - variety
  - age

# CurrantBase - Industry

- View growers, crop, varieties, clones and age of national crop by region, state, county or country.
- View input records online from spray and fertiliser usage.
- Grower can export data by direct link to central industry database

# CurrantBase

- Being web based give the fastest upto date information for all users
- Updates and improvements are immediate
- All this information and more available
  - anywhere
  - anytime
  - just log in and you are THERE !

# CurrantBase

- Quality systems – cost & profit
- Track & Trace – A good investment !