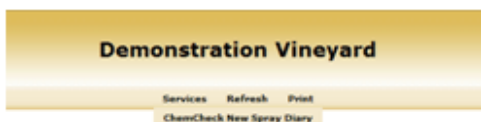




Changes to ChemCheck System – 12 November 2007

1. New menu format
2. New function to record Operator/Employee Profiles
3. Format change for Chemical Names eg Thiovit Jet [Syngenta] replaces Thiovit Jet [53904]
4. Spray Diary:
 - a) Updated menu
 - b) Option to create Spray Record using Full or Personal Chemical List
 - c) Option to select one Growth Stage and apply to all blocks/sections/patches being sprayed
 - d) Option to add blocks/sections/patches on Spray Record Form
 - e) Option to add Targets on Spray Record Form
 - f) Option to add chemical on Spray Record Form
 - g) New function to “clone” a spray record & repeat the spray on another date
 - h) New “Planned Spray” function
 - i) Changes to alerts
 - j) Improved integration of Personal Chemical List function
 - k) Chemical name format changed & all chemicals registered
5. Calibration:
 - a) Updated menu
 - b) Integration of Calibration function with Chemicals Database
 - c) Option to create Calibration Record using Full or Personal Chemical List

New Menu Format



Calibration Menu is now within ChemCheck Spray Diary Menu

the horizontal bar above to access ChemCheck.

New Menu Functions

You can create:

Spray Record with Full Chemical List
Spray Record with Personal Chemical List
Calibration Record with Full Chemical List
Calibration Record with Personal Chemical List
Spray Declaration [where required]
Blocks/Sections/Patches
Spray Operator/Employee Profile

You can view:

Spray Diary
Spray Declarations
Blocks/Sections/Patches
Spray Operator/Employee Profiles
Calibration Records



Create Operator/Employee Profile – New Function

Demonstration Vineyard

Services Refresh Print

Create Operator / Employee Profile - Sunday, 4 November 2007

Function Selection Refresh

Menu Selection Refresh

[Help](#)

Demonstration Vineyard

Services Refresh Print

Create Operator / Employee Profile - Sunday, 4 November 2007

Click on the pink button above to create a Employee / Contractor Profile.

Select Use Contract:

Ref No	Service / Position	Contractor / Employee	Contact Name	Phone Mobile	Town	State	Postcode
ECP00003		Orlando Dean vineyard 9	Daphne Forsythe	08 9599 9999	Rowland	SA	5152

Please complete the form below, and when finished, forward the form to the form server by clicking Send.

VERSION: 1 These fields are mandatory Form Locked Form Sent

Employee / Contractor Profile 04/11/07 ECP00006

Contact Details Click Refresh to populate the form with User Profile fields. Archived

Initials: Title: All Phone:

First Name: All Mobile:

Surname: All Fax:

Full Name: All Email:

Service Position:

Company / Trading Details

Employee/Contractor:

Short Name: (Publisher Business No)

Abn:

Business Address **Postal Address**

Street/Property: Street/PO Box:

Town: Town:

State/County: State/County:

Postcode: Postcode:

Country: Australia Country:

Copy Business Address to Postal Address

QA & Chemical Application Accreditation

QAOTH Code	Certification No	Expiry Date	Type	Charge Rate:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Unit:

Workers Compensation **Public Liability**

Policy No: Policy No:

Company: Company:

\$ Cover: \$ Cover:

Expiry Date: Expiry Date:

Notes:

Version No: 1 Date & Time: 04/07/10001

New Spray Operator/Employee Profile Function

Spray Operators/Employees that are registered in ChemCheck will display in the "Operator" drop list on the Spray Record Form.

The Accreditation No & Accreditation Expiry Date will automatically populate on the Spray record Form when the "Send" button is clicked providing these details are listed in the Operator/Employee Profile Form.

Some Wine Companies using Grapweb require Operator/Employee records to be maintained.

Create Operator/Employee Profile

- Select "Create Operator/Employee Profile" in Menu Selection
- Click "Submit"
- Click pink button on screen that points to display Operator/Employee Profile Form
- Fill Form
- Click "Send" button

To Update an Operator/Employee Record

- Select "View Operator/Employee Profiles"
- Make selections if required
- Click "Submit"
- Click green ECPXXXX link for Operator/Employee to be edited
- Employee/Contractor Profile Form displays
- Make edits
- Click "Send" button

Create Spray Record with Full Chemical List

Winery	Vineyard	Variety	Growth Stage / Section / Patch ID	Treatment Product	Quantity	Submit
Indevine Estate	400004	Southem Cross	00000	00000	0.00	<input type="checkbox"/>
Indevine Estate	400004	Indevine	00000	00000	0.00	<input type="checkbox"/>

New Menu format:

Allows entry of one Growth Stage for all Blocks/Sections/Patches [change on Spray Record Form as required]

Allows Targets, Treatment Products & Blocks/Sections/Patches to be added to the Spray Record Form if not selected on the screens at left

Changes to Create Spray Record Function

Growth Stage can be selected on first screen or entered/alterd on Spray Record Form [leave selection as "All" to enter on Spray Record Form [Form displayed on next page]

Targets & Chemicals continue to be selected on screen at left and can also be added or deleted on Spray Record Form

Blocks/Sections/Patches are selected with check box on second screen at left and can also be added or deleted on Spray Record Form

Steps

- Select "Growth Stage"
- Select "Targets"
- Select "Application Method"
- Select "Treatment Products"
- Click "Submit"
- Bottom screen at left displays Check Blocks/Sections/Patches being sprayed
- Click pink button to paint Spray Record Form [Form displayed next page]

Issues Resolved by Changes

One selection for Growth Stage & alter on Spray Record Form

Forgetting to select a Block/Section/Patch or Target or Chemical will not mean starting again as data can be added to Spray Record Form



Spray Diary

Demonstration Vineyard

Services Refresh Print

View Spray Diary - Sunday, 4 November 2007

Function Selection	Spray Diary <input type="button" value="Refresh"/>
Menu Selection	View Spray Diary <input type="button" value="Refresh"/>
Winery	All <input type="button" value="Refresh"/>
Vineyard	All
Variety	All
Grapeweb Block / Section / Patch ID	All
Treatment Product	All
Target	All
Active Ingredient	All
Method	All
Alert	All
Planned Spray Records	All
Spray Date	1/07/2007 To 30/06/2008
Create CSV File	<input type="checkbox"/>

[Help](#)

Change to Spray Diary Report

Additional selection filters for Active Ingredient, Application Method, Alerts and Planned Sprays

Function to download spray records in spreadsheet format [CSV File]

Report displays new data columns for Application Method, Winery [holding contract] and Earliest Booking Date

New format for Chemical Names display in format of Name [Manufacturer Name] instead of Name [APVMA Registration No]; APVMA Registration No is reported separately

New Alerts for chemicals not permitted by a Wine Company, breach of Maximum CF, breach of Minimum Water Volume etc

Earliest Booking Date will automatically display for Spray Records with application dates after 1/12/YYYY

Demonstration Vineyard

Services Refresh Print

View Spray Diary - Sunday, 4 November 2007

Selection Criteria: From 4/11/2007 To 30/06/2008

Spray Date	Method	Variety	Grapeweb Block / Section / Patch ID	Winery	Grower Block Section Patch Code	Earliest Booking Date	Growth Stage	Target, Pest Disease or Weed	Full Registered Product Name	Winery Restrictions On Use	Label Rate	Chosen Label Rate Of Registered Product Used	CF	Water Sprayed (L/1000L)	Amount Of Product Used Per 1000L	Water Sprayed (L/ha)	Amount Of Product Used Per Ha	Comments (Compulsory NSW & VIC)
4/11/2007	Foliar	Zinfandel	26038	Orlando Winery	ZIN 1	4/12/2007	07	Proteary Milder	Thrust Jet [Syngenta]	30 Days	800g/100L	500g/100L	1	18	75g			Operation Orange Fungicide
		Shiraz	26032	Jindalee Estate	SH1 1	4/12/2007	07											



Create Spray Record using Personal Chemical List

Demonstration Vineyard

Services Refresh Print

Create Spray Diary Using Personal Chemical List - Sunday, 4 Nov

Function Selection Spray Diary Refresh

Menu Selection Create Spray Diary Using Personal Chemical List Refresh

Winery All Refresh - Only use if spraying Blocks, Sections or Patches registered to one Winery

Vineyard All Refresh - Only use if spraying one Vineyard.

Variety All Refresh - Only use if spraying one Variety.

Grapeweb Block / Section / Patch ID All Only use if spraying one Block, Section or Patch. When spraying more than one, it

Growth Stage All Selected Growth Stage will be the default for all blocks; change as

Target All *Select at least one Target. Select Fertiliser, if appl

Application Method Foliar *An Application Method must be selected.

Treatment Product All *At least one Treatment Product must be selecte

Personal Chemical List

Click Refresh to include new items, added using the Personal Chemical List, in the Treatment Product drop lists.

Submit ChemCheck News Help

The function is the same as using the full chemical list except the chemicals displaying in drop lists are limited to those included in your Personal Chemical List

http://203.89.205.68/chemcheck/application/chemicalproductprofile.asp?CommunityID=785

http://203.89.205.68/chemcheck/application/chemicalproductprofile.asp?CommunityID=78&ServiceID=208

Maintain Vineyard Chemical List Close

Demonstration Vineyard

Full Chemical List

Click to select Chemical Add

Select from the Full Chemical list and click the Add button to include in the Personal Chemical list.

Personal Chemical List

Click to select Chemical Delete

Select from the Personal Chemical list and click the Delete button to delete it.

Managing Your Personal Chemical List

Personal Chemical List can be managed from the "Create Spray Diary Using Personal Chemical List" Menu Selection by clicking the "Personal Chemical List" link [screen directly above]

OR

By clicking the green "Personal Chemical List" button on the Spray Record Form [screen directly below]

The screen at above "Maintain Vineyard Chemical List" displays in a new browser window when you click "Personal Chemical List" button

Add Chemical

Select chemical to add from "Full Chemical List" then click "Add"

Delete Chemical

Select chemical to delete from "Personal Chemical List" then click "Delete"

You must then click "Refresh" at top centre of the "Create Spray Diary Using Personal Chemical List" screen above left; or the green "Refresh" button on the Spray Record Form to update the "Treatment Product" drop lists

Please complete the form below, and when finished, forward the form to the form server by clicking Send or if you have already sent the form then close the form by clicking the X at the top right hand corner.

Refresh VERSION: These fields or columns are mandatory. Close this Spray Record Personal Chemical List Planned Spray Form Lock Form Sent Send

chemcheck

Spray Record

Vineyard: Demonstration Vineyard Contact: Graeme Forsythe
 Address: PO Box 999 Phone: 90 9999 9999
 Vineyard Town Fac: Mobile:
 SA Email:
 Australia 9999

Alert Message:

Variety	Grapeweb Block / Section / Patch	GS	Ha	Label Booking Date	Final Spray	Target Pests, Diseases or Weeds / Other Application Reasons	Full Registered Product Name(s)	Batch Number	Chosen Label Rate	Units	CF
Walsham Cross	24036 [VAL 1]	07	5.00	11	<input type="checkbox"/>	Powdery Mildew	Thiovit Jet [Syngenta]				
Zinfandel	24036 [ZN 1]	07	5.00	11	<input type="checkbox"/>						
				11	<input type="checkbox"/>						
				11	<input type="checkbox"/>						



Create Calibration Record using Full Chemical List

Demonstration Vineyard

Services Refresh Print

Create Calibration Record Using Full Chemical List - Sunday, 4 N

Function Selection: Spray Diary Refresh

Menu Selection: Create Calibration Record Using Full Chemical List Refresh

Calibration Type: Canopy *Refresh - A Calibration Type must be selected

Treatment Product: All All All All All

Submit ChemCheck News Help

Changes to Calibration Function

Calibration is now included in the menu selection at left [previously it was a separate menu item under "Services"]

Select "Create Calibration Record Using Full Chemical List"

Steps

Select "Calibration Type"
Select "Treatment Products"
Click "Submit"

Second screen at left displays Previously recorded Calibration Records and pink button
Click pink button to print Calibration Record Form [Form displayed bottom left]
Fill Form
Click "Send" button

Demonstration Vineyard

Services Refresh Print

Create Calibration Record Using Full Chemical List - Sunday, 4 N

Create Calibration Record Using Full Chemical List

Click on the pink button above to create a Calibration Record.

Return to Menu Selection Refresh after Sending a Form

Issues Resolved by Changes

Treatment Products are selected from Chemicals Database rather than being entered

Personal Chemical List function also works with Calibration in exactly the same way as in the Spray Record function

Please complete the form below, and when finished, forward the form to the form server by clicking Send or if you have already sent the form then close the form by clicking the X at the top right hand corner.

Refresh Labels in red are mandatory fields Personal Chemical List Form Lock Form Sent Send

chemcheck Calibration Record

Calibrate the sprayer prior to the season and at least once a year. Date: 04/11/0 Ref No: CAN80022

Vineyard: Demonstration Vineyard Contact: Graeme Forsythe
Address: PO Box 999 Vineyard Town SA, Australia 5099 Phone: 99 9999 9999 Mobile:
Fac: Email:

CANOPY SPRAYER SETUP

Spray rate: Gearing: Sprayer Pressure: Scales correct:

Tractor: RPM: Flowmeter reading: Adjustments:

STEP 1 - Nozzle Check

Nozzle Manufacturer: Nozzle Type: Specified Output (L/min)

Measure each nozzle's output in litres, for a minute

LEFT										RIGHT									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

STEP 2 - Sprayer Speed

Speed (km/h) = 300 / Measure time in seconds to travel 100 metres = 360.0 (km/h) (L/Min)

STEP 3 - Output for canopy sprayer

Amount of Water Sprayed per Hectare (L) = Total Output (L/min) X 6 / Speed (km/h) = Output (L/100m) X 100 / Speed (km/h) = Amount of water sprayed per hectare (L)

STEP 4 - Concentration factor

Concentration factor = Theoretical (dm3) spraying volume / Amount of water sprayed per hectare (L) Factor

STEP 5 - Product per tank

Registered Product	Chosen Label Rate	Links X	Tank Volume (L)	Water per Sprayed Ha (L)	Product per Tank	Unit
Thovex Jet (Syngenta)		X				

ALERT MESSAGE

DECLARATION

I use declare that this is a true and accurate calibration record Did not use

Operator: Accreditation No:
Signature: Expiry Date:
(Printed Copy Only) Date:
Version No: Date: / / 04.04.2009 Send

