


Sprays

1. Add a Chemical Mix

1. Set Default Water Rate (L/ha)
2. Click Add button to Add a new mix.

Mix							
		History QA		Default Water Rate (L/ha): 80		% <input type="checkbox"/> Conc. Spraying	
Mix	ha	Water L/ha	Water Req. L	Target Species	Timing	Date	Notes
1	115	80	9200	B/leaf	Two Trifoliolate leaves	1 Jul 12	
2	115	50	5750	Insects	Timerite RLEM spraying date	15 Oct 12	

3. Adjust the Hectares (ha) and water rate as desired. See Tip below.
4. Add Target Species, Timing, Date and Notes
5. Sort mixes in date order using up and down arrows.

Tip: To apply chemical to only a part of the paddock, either adjust the area figure or use Coverage Map  to map and auto-calculate the area covered.

2. Adding Chemicals

1. Click Add button

Chemicals							
		Chemicals		Adjuvants			
Chemical	Units	\$ / Unit	Units/ha	Required	Symbol	Foot Note	
Jaguar	L	21	0.5	57.5			
Sumi-Alpha Flex	L	7.5	0.1	11.5			

2. Choose Chemical from drop down list.

Note: Either scroll down or begin typing the product name. For Example: 'Rou' for Roundup. Data will auto populate the entry based on information in the Master Database.

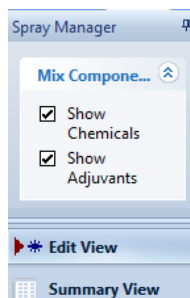
3. Change the Units, \$/Unit, Units/ha as desired.
4. To add a Footnote. Select a Symbol and then type in the footnote section. This will appear in the paddock report.
5. Activator and Utility agents including, Surfactants, Wetters, Oils, and Ammonia Sulphate are available through the Adjuvant tab.
6. To add a Surfactant repeat steps 1-4 in the Adjuvants Tab.

Note: The % column is automatically calculated based on the Water Rate. Enter the amount of adjuvant as follows: 100mls = 0.1%, 110mls = 0.11%, 1L =1%, 1.5L=1.5%, etc.

Tip: To keep chemical costs up to date use the Find and Replace function.

3. Spray Manager

1. Edit View Mode - Untick Show Chemical and Adjuvants to change the view on the corresponding screen. Not Recommended



2. In Summary View Mode – Tick the various boxes to add columns to the display.

Spray Manager Summary View

Options

- ☒ Show Chem
- ☒ Show Chem Groups
- ☒ Show Water Rate
- ☒ Show Adjuvants
- ☐ Show...

Class	Group	Mix	H2O L/ha	Product	Adj	ha	U	\$/U	Rate (U/...)	Date /	Timing
Fungicide	C DMI	6	0	Impact in furrow		100	L	\$25.00	0.4		Sowing / seeding
Herbicide	M Glycines	2	50	Roundup PowerM...		185	L	\$6.00	0.8	1 February 2012	Fallow maintain
Spray Adjuvant	Surfactant / Wettin...	2	50	BS1000	A	185	L	\$6.50	0.2	1 February 2012	Fallow maintain
Herbicide	I Phenoxyalkanoic ...	1	30	Garlon 600-some vol		185	L	\$27.00	0.12	1 January 2012	Fallow commence
Herbicide	I Phenoxyalkanoic ...	1	30	EstercideXtra 680-l...		185	L	\$9.20	0.4	1 January 2012	Fallow commence
Herbicide	M Glycines	1	30	Glyphosate CT		185	L	\$4.50	1	1 January 2012	Fallow commence
Spray additive	Water Management	1	30	Ammonium sulph...	A	185	L	\$5.00	0.6	1 January 2012	Fallow commence
Spray Adjuvant	Surfactant / Wettin...	1	30	LI 700	A	185	L	\$6.00	0.3	1 January 2012	Fallow commence
Herbicide	M Glycines	3	50	Roundup PowerM...		185	L	\$6.00	0.8	24 April 2012	Pre Plant Knockdown
Herbicide	Cl Triazines	3	50	Gesatop 600		185	L	\$6.30	1.6	24 April 2012	Pre Plant Knockdown
Herbicide	L Bipyridyliums	5	50	Gramoxone 250		185	L	\$7.50	1.5	25 October 2012	Lupin 5-10% leaf drop
Herbicide	A Cyclohexanedione...	4	50	Grasidim 240		185	L	\$13.50	0.3	26 May 2012	Post emergent

3. Rearrange the columns by Click>Hold>Drag>Drop into desired column order. OR

Drag>Drop into Column Header box above to Group view by the Column (Diagram below).

Spray Manager Summary View

Options

- ☒ Show Chem
- ☒ Show Chem Groups
- ☒ Show Water Rate
- ☒ Show Adjuvants

Product

Class	Group	Mix	H2O L/ha	Adj	ha	U	\$/U	Rate (U/ha)	Date /	Timing
Product: Grasidim 240										
Herbicide	A Cyclohexanediones: ...	4	50		185	L	\$13.50	0.3	26 May 2012	Post emergent
Product: Gramoxone 250										
Herbicide	L Bipyridyliums	5	50		185	L	\$7.50	1.5	25 October 2012	Lupin 5-10% leaf drop
Product: Glyphosate CT										
Herbicide	M Glycines	1	30		185	L	\$4.50	1	1 January 2012	Fallow commence

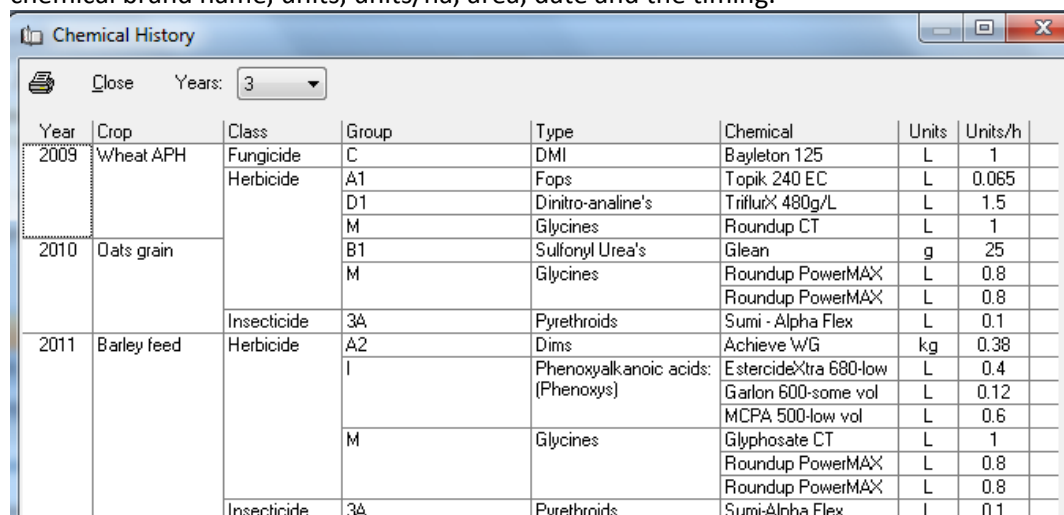
4. To Print Summary View, click on the Print button.

Tip: This can be done per paddock or by selecting the Farm Name or Client File Name at the top of the Navigation Pane to display all chemicals per farm or per client file.

4. Chemical History

1. Click on History button.
2. Select the number of years to be displayed from drop down.

The columns display the year, crop of the particular year, chemical class, group, type, chemical brand name, units, units/ha, area, date and the timing.



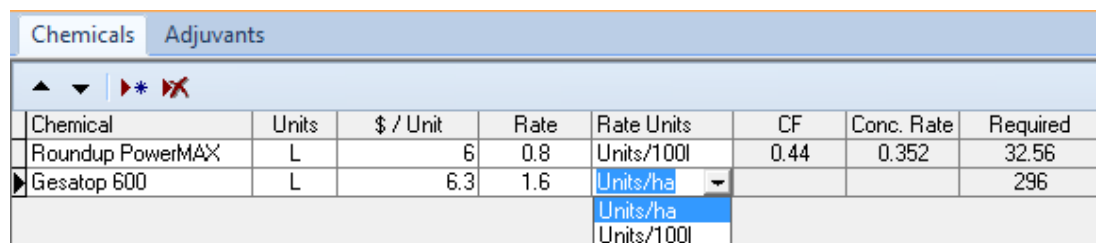
Year	Crop	Class	Group	Type	Chemical	Units	Units/h
2009	Wheat APH	Fungicide	C	DMI	Bayleton 125	L	1
		Herbicide	A1	Fops	Topik 240 EC	L	0.065
			D1	Dinitro-analine's	TriflurX 480g/L	L	1.5
			M	Glycines	Roundup CT	L	1
2010	Oats grain	Herbicide	B1	Sulfonyl Urea's	Glean	g	25
			M	Glycines	Roundup PowerMAX	L	0.8
		Insecticide	3A	Pyrethroids	Sumi - Alpha Flex	L	0.1
					Roundup PowerMAX	L	0.8
2011	Barley feed	Herbicide	A2	Phenoxyalkanoic acids: (Phenoxys)	Achieve WG	kg	0.38
					EstericideXtra 680-low	L	0.4
					Garlon 600-some vol	L	0.12
					MCPA 500-low vol	L	0.6
		Insecticide	3A	Pyrethroids	Glyphosate CT	L	1
					Roundup PowerMAX	L	0.8
					Roundup PowerMAX	L	0.8
					Sumi-Alpha Flex	L	0.1

3. To Print Chemical History, click on the Print button.

Note: Data in the Plan section must be copied to 'Actual' for the previous year's fertiliser records to be displayed in the fertiliser history. See Copy Plan to Actual for more information.

5. Concentrated Spray ☒ Conc. Spraying

1. Ticking the Conc. Spray box, adjusts the spraying method to a concentrated spray, as used in horticulture, rather than a broad acre spraying method.
2. Add a figure in the Runoff/ha column that appears in the Mix for addition into the Chemical calculation.
3. In Chemical section below choose either Units/100l or Units/ha.



Chemical	Units	\$ / Unit	Rate	Rate Units	CF	Conc. Rate	Required
Roundup PowerMAX	L	6	0.8	Units/100l	0.44	0.352	32.56
Gesatop 600	L	6.3	1.6	Units/ha			296

Note: Units/ha do not auto-calculate a CF or Conc.Rate.

6. QA – Quality Assurance

This section is to enter data as a Spray Diary function.

1. Copy Plan data to Actuals. See Copy Plan to Actuals for more information.
2. Change to Actuals Mode.
3. Select paddock>click on QA button in Sprays section.

New columns are added: date/time, Operator, Method, Machine Reference, Plant Condition, Weather, Soil Moisture, Water Source, Wind Direction, Wind Speed, Temp, Delta T, Humidity, Rain-24, Rain, and Rain.

Mix	ha	Water L/ha	Water Req. L	Target Species	Timing	Date / Time	Operator	Method	Machine Reference	Plant Condition	Weather
1	159	30	4770	Grasses/B Leaf	Fallow commence	1 Jan 11 10:00 AM	Karen Woods	Ground	Hadi 30m Boomspray	Good	Sunny
2	159	50	7950	B Leaf/W. Oats	Fallow maintain	10 Mar 11 11:30 AM					

Soil Moisture	Water Source	Wind Direction	Wind Speed	Temp °C	Delta T	Humidity %	Rain -24	Rain	Rain	Notes

4. Enter data specific to each Mix into each column except for:

Date/Time – click on the cell and manually change time hours, minutes and AM/PM.

Operator – Click from drop down list. See Inventories>People to add Operators.

Machinery Reference – Click from drop down list. See Farm>Machinery to add Machines.

Rain -24 – refers to the rain within the 24hour period prior to spraying.

Note: At this stage this data is unable to be printed or accessed in a Report.