See manuals on the Fairport Technologies CD for more detailed information



# **Getting Started Notes**

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# <u>Welcome</u>

Thank you for your interest in our PAM software. The PAM story started in 1988. From very humble beginnings PAM has grown, thanks to a dedicated, talented and hard working team of developers, into a powerful and comprehensive primary production recording and planning system. With the optional mapping, precision farming and individual animal modules plus a handheld computer data entry system (PocketPAM), the PAM suite can provide today's farmers a comprehensive and powerful set of management information tools. PAM is used across Australia on thousands of farms, large and small. Since 1997 PAM has also made its mark internationally ... in South Africa, New Zealand and the UK.

I encourage you to read this "Getting Started" booklet to help find your way around PAM. I also encourage you to call us at Fairport or contact your nearest Fairport dealer. We are keen to ensure you understand the software. Our Fairport website has a comprehensive Knowledge Base (or FAQ) section. You'll find a link to it on the "Support" Page.

Once you have purchased PAM, we encourage you to get some "hands-on" training. Training gives you product knowledge and confidence and enables you to get the most benefit from the program. Some dealers like to include a training package with the software ... of course if you are comfortable working on the software at your own pace, that is your choice.

With the many PAM modules and versions (PAM Ultracrop, PAM Crop Dairy, PAM AusVit, PAM QA Plus), there are many different combinations in the PAM suite. You will find a comprehensive software price list on our web site or by calling our office.

We are proud to send you this release of PAM, we'd love to hear your comments about our award-winning software. Please call on 1800 500 195 for any added queries you may have. Yours Sincerely, Roger Wiese Managing Director

# **Installation**

Once you place your Fairport CD in your CD-Rom drive, the CD browser screen and menu for installing all Fairport software programs will automatically appear. Follow the prompts for your software installation. If the CD "auto start" system should fail for some reason, do this,

Click on Start select Run.

Type (CD Drive Letter):\SETUP.EXE in the Open box,

(eg D:\setup.exe )Click "OK"

When your installation is complete you will be left with a desktop icon for your Fairport software ready for you to run the program for the first time.

# **Registration**

When you first install the software, you will be requested to enter your trading name, address and other details. Please take the time to fill in all of the fields on this screen. If you have an e-mail address, please enter that too. The software requires this information before it can operate. The software will also need a customer serial number entered into it before it is completely "unlocked".

Although you need a serial number to "unlock" your Fairport software, you will be able to run the program 20 times. During the free 20 run times the software is limited in some ways (eg: you are unable to backup your data), however the software is functional enough for you to explore the features and functionality available. Any data you enter will be saved (excluding mapping data) and available to you should you wish to purchase the software. After the 20th run, you will still be able to print a registration form and unlock your program but you no longer are able gain access to the program proper.

A special program registration form must be printed from the program. This form has on it a 15 character product number, which Fairport Technologies will use to generate your customer unlock number. You can only obtain access to registration form when you start the program, so if you are using the program and then decide to register, you will need to exit then re-start Fairport software to print the form.

## **Demonstration Mode**

The rest of this booklet will explain how to configure the PAM software and personalise your pick lists for efficient data entry, you will also be shown some simple data entry examples. We recommend you take the time to look at the demonstration data that is included in the software. To access the demonstration data, click on the *Utilities* menu and select *Switch to Demonstration Data* (or press Alt + F7). Once you are in the demonstration data, look through all the available facilities within PAM and get an idea of how everything works. (You can also access reports on the demo data).

When you are looking at the demonstration data, the title bar at the top of your screen will display Demonstration Database. To switch back to your real data, press **Alt** + **F7** again or select the **Switch to Master Database** from the **Utilities** menu.

### Fairport Club Membership

On purchase of your first Fairport software product you automatically become a member of the 'Fairport Club' for **SIX** months, free of charge. This allows you to take advantage of the 1800 support line which is manned during office hours (WA time 8am – 5pm). Your Fairport Club membership also entitles you to software upgrades as they are released.

After your initial six month membership has expired, you will be sent an invitation in the mail to rejoin the Fairport Club. Membership is optional but of course we encourage you to re-join so you can keep abreast of the software developments.

Benefits of the Fairport Club include

- 1800 toll FREE Telephone technical support on Fairport software
- FREE Incremental release updates: ( eg: PAM 5.0 to PAM 5.1 ),
- Monthly download password email
- Internet download upgrades
- Request a CD to be sent to you in the mail, free of charge.
- Information on upgrades or revisions to Fairport software
- The quarterly Fairport Newsletter
- Facsimile support on Fairport Technologies software
- Email support on Fairport Technologies software
- Discounted version upgrades: ( eg: PAM 3.5 to PAM QA Plus)
- Discounts on other Fairport Products
- Help Notes
- Discounts on services required of Fairport Technologies (ie: Data recovery)

# **Getting Started**

#### Selecting software features to suit your needs

As the PAM software covers many facets of production recording for many industries and standards, the software probably has some features that may not be applicable to your enterprise. By default, the majority of features are switched on. You are advised to look at the feature configuration screens to disable or enable facilities to suit your enterprise. Should you decide at a later date that you would like to use any features that you have disabled, it is a simple task to reenable them.

Select the *Configuration* menu and begin by looking at the *Customise your PAM program* option (at the bottom of the *Configuration* menu.).



#### Settings (1) Tab

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**Livestock:** Enable/Disable the Livestock Diary features in PAM. This feature can be turned back on at any time.

**Field and property naming:** Use this feature to customise the labels used for fields/paddocks and properties/farms throughout PAM, to make the software suit your naming conventions.

**PAM Start up screen:** select the area of the program that you would like to see when PAM starts up. By default the program starts with no area or screen, just the main menu and toolbar. Some of your choices are Paddock Activities Dairy, Livestock Activities Diary and the General Purpose Diary.

**Automatic Backup reminder:** With this functionality enabled, PAM will ask you if you would like to backup your data each time you exit the software, a very handy feature.

#### Settings (2) Tab

The descriptions for features on this screen should be self explanatory. Spend some time running through the feature descriptions and enable or disable the functionality to suit your needs.

Band % and Configuration%: Useful for cotton or other irrigated row crops.

rogram Settings	
Settings (1) Settings (2) Cropping Livestock Individual Animals Pasture Watch Settings	🖌 ок
Select the features you wish to use	X Cancel
🔽 Rainfall Data System Pasture Monitoring 🔽	
✓ Fertiliser List and Records Soil Tests ✓	
✓ Chemical List and Records Tissue (Leaf) Tests	
🔽 Show Band % and Configuration % Zone/Region Recording for Soil and Leaf Tests 🔽	
✓ Irrigation Records General Purpose Diary ✓	
✓ Water Sources List Use custom Report Logo ✓	
✓ Staff and Contractor Names and Tasks Performed Records	
Vanual Tasks List and Records	
Machinery List and Records	
✓ Sundry Consumables List and Records	
Vater Analysis Tests	
✓ Inventory of Consumables System     Select All	
Retain Planned Events when converting to Actuals	

#### **Cropping Tab**

Yes, more configurable features! Some of the descriptions for items on this page may be a little ambiguous so let us describe them in more detail for you:

**Crop Water Use Efficiency Analysis:** PAM can calculate your crop's Water Use Efficiency values. You set up the parameters for your water use efficiency on the **Crop Types and Associated Lists and Settings** window by clicking on the "Growing Season Information" button. Find **Crop Types and Associated Lists and Settings** under the **Configuration** menu.

Straw Production: Switch this option on if you bale straw after harvesting crops.
Fodder Crop Production: Switch this option on if you bale fodder hay or make silage. Please note that in PAM fodder crops are not planted. PAM assumes you are baling pasture. Use Hay production to make hay from sown crops.
Hay Production: Switch this option on if you bale hay. In PAM a hay crop must have been planted in the same season (eg. Oats) or be a perennial crop (eg. Lucerne)

**Setting Your Season**: When entering crop production data in PAM you must assign all events to a Season. This enables PAM to give you reports by season and collates all for a Season. A Season may not be a calendar year, so to help you keep your records in the correct season, use this option to select your preferred starting month for your Seasons. If in doubt leave it as January. You can

always modify the Season when recording events and you can even move events from one Season to another if you have to.

#### Personalising your software

To start entering your own data in PAM you will need to setup your pick-lists. Picklists are used throughout the program to reduce the over all time needed for data entry and to ensure the reports work properly. All pick-lists are contained in the *Configuration* section of PAM which is available via the main menu across the top of the screen.

#### Tip: How to List Farms & Paddocks

How to setup your list of farms and paddocks is shown on the next page, however, before you get started you might like to know this: If you wish to display your farms and paddocks in a particular order, (other than alphabetically), you will need to force the program to do this for you. Ideally your first farm name should be the farm that you would enter the most data for as it will appear first in the pick-list.

For example: say you have three farms and their names are Anaba, Nanda & Yandina, the default order of this list of farms will be alphabetical. If you wish to display your farm order as Yandina, Anaba & Nanda, force your program to display these farms in one of these ways:

01 - Yandina	OR	A - Yandina
02 - Anaba		B - Anaba
03 - Nanda		C - Nanda

If you choose to use numbers to force the order, then always use a 0 before the numbers 1 - 9 (especially for the paddocks list) or the order will be displayed as follows:

1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 2, 20, 21, etc

(ie: the number order searches by first digit then by second.

### How to add Farm & Paddock Lists Menu Option: Configuration / Farm & Paddock List

Adding a new farm is as easy as clicking the **New Farm** button. Type in the name of your farm and click **OK**. If you have more than one farm, repeat the process.



Ac	id a Paddock		X
Γ	Paddo	ock Main	tenance
	Paddock is located on Farm	Fairport	•
	Name of new Paddock	27	
	Total <u>A</u> rea	83.5	
	A <u>r</u> able Area	83.5	
	Maximum <u>W</u> orkable Area	83.5	Note: Maximum Workable Area is the upper limit for machinery operations on this Paddock.
	Help		X Cancel

Once you have a complete list of farms, start entering your paddocks. When you click the **New Paddock** button, you will already have a pick-list of farms to choose from. Select the farm that your paddock belongs to then enter a paddock name, (the sort order also applies here, see above for instructions). Complete the new

paddock dialog box by entering the total hectares, arable area and maximum workable area of the paddock.

Now select the other tabs one by one entering in the information required until complete (General Details , Perennial Crops etc...). The notes tab provides a

place to enter any relevant notes for the currently selected paddock. If you make a mistake when entering your farms or paddocks, you can edit, delete or move paddocks from one farm to another by selecting the options available under the **Tools** button.

Farm and Pad	ldock List	
New Farm	New Paddo	ock
E 🚰 Fairport	^	Fairport: 01
• 02		Area Information General Details Perennial Crops Notes Pasture Watch Other
04		Total and Arable Areas :
• 07 • 08		Total Area (Ha) 48.53 Arable Area 29.48
-• 09 -• 10		Irrigated Area 0 Maximum Workable Area 35
-• 11 -• 12		Note: Maximum Workable Area is the upper limit for machinery operations on this Paddock.
• 13 • 14 • 15		Non-Arable Areas : Tree Plantation Area
• 16 • 17 • 18		Water or Salt Affected Area Remnant Vegetation Area
-• 19 -• 20		Livestock Information :
- 22 - 23		Grazable Area (Ha) 29.46
• 24 • 25	~	Maximum stocking rate 39 Stock Water system DAM
Collapse All E	xpand All	

#### How to add Crops and Varieties

Menu Option: Configuration / Crop Types and Associated Lists & Settings

PAM is designed to handle virtually any crop you might want to grow!

To set up a new crop type, click **New Crop...** Select the crop type or add a new one, then enter the name of the crop. Once completed, click **OK**.

New Crop	🗠 🕺 Map Style 🔷 Note	s <u>I</u> ools▼	Browse		Close
Barley Canola Chick Rose		Barley	/		
Clover Durum Faba Beans Field Peas Grapes Lentils	Crop Type Cereal Planting Units Kilograms per Harvest Units Tonnes per	ta	Grov	wing Season Inform	natior
ucerne	Pests and Diseases Cro	Monitoring	larvest Classes	Harvest Mon	itoring
Aaize	Varieties	Nutrients Removed	а	Growth Stages	
fedic fillet Dat Mix	Add Edit Delete	Сгор	Monitoring Guides	Back Date	Cost <u>s</u>
Dats Roman Clover	Variety		Seed/Plant Cost	Currently In Use?	
Safflower	▶ 6 Row		\$85.00	ম	
Sorghum	Cergal		\$280.00	ঘ	
Straw Vetch	Chebec		\$230.00	ঘ	
Wheat	Dampier		\$80.00	ম	
	Forrest		\$80.00	ঘ	
	Franklin		\$230.00	<b>N</b>	
			8700.00		

<u>Configuration</u> Screen Settings Earm and Paddock List op Types and Associated Lists & S Consumables List (Fertilisers, Chemicals etc.).. Irrigation Water Sources List. Soil, Sap, Leaf, Nutrients and Water Tests Setup.. Storage Locations, Harvested Produce Destinations and Suppliers... Weeds and Pasture Species List... Pests Growth Stages List... Rainfall Stations List. Machinery, Manual Tasks and Staff List... Livestock Categories and Mobs... Livestock Activities and Treatments.. Livestock Produce Items. Livestock Consignees and Consignors... Individual Animal Traits, Tasks and Weights... Email Connection Settings... Units of Measure and Package Sizes... Customise your PAM QA Plus program.

Ensure the crop you have just added is selected on the left and then select each of the tabs within the form on the right hand side, filling in appropriate information as you go.

**Growing Season Information button**: Set up the month of harvest (or last effective

rainfall) and other settings to enable PAM to calculate water use efficiency reports and graphs. Check the on-line help within the software for more information (F1).

As the PAM software is targeted at a wide variety of industries, some of the configuration item descriptions may sound a little ambiguous if you are reading them out of context. Should you find yourself in this position, simply click on the **HELP** button, or press the F1 key to open up the help system for more detail.

#### How to add Chemical and Fertiliser Lists

Menu Option: *Configuration / Consumables List* (Fertiliser, Chemicals etc.)

Adding a new chemical or fertiliser is as easy as clicking the **Add Chemical or Add Fertiliser** button on the respective tab of the Consumables List form.

General Information:

All consumables entered and maintained in these lists have the following common properties :



Application Units: Units in which you intend to consume them.

**Purchase Units**: Units in which you buy them. Please don't confuse this concept with the pack sizes in which you purchase consumables. The purchase unit will be units like Tonnes, Kilograms and Litres as opposed to 200 Litre drums etc. Pack sizes are used in the inventory system when entering consumable purchases. They can be purchased using the *Data Entry / Inventory of Consumables* system. (The inventory system can also be accessed via the **Tools** button on the consumables tab pages).

Type in the name of your Chemical or Fertiliser or select it from the extensive predefined list, fill out the appropriate information and click **OK**. Repeat the process for the chemicals and fertilisers that you are likely to use during your data entry. This configuration screen can be revisited at any time to add more items, or you may add more items on-the-fly during data entry (more about that later!).

#### How to add Machinery list

# Menu Option: Configuration / Machinery, Manual Tasks and Staff List...

To add a new machine, simply click on the **Add** button...



onfi	iguration
Sc	reen Settings
Ea	arm and Paddock List
⊆r	op Types and Associated Lists & Settings
Co	onsum <u>a</u> bles List (Fertilisers, Chemicals etc.)
In	rigation Water Sources List
So	il, Sap, Leaf, Nutrients and Water Tests Setup
St	orage Locations, Harvested Produce Destinations and Suppliers
W	geds and Pasture Species List
<u>P</u> e	ests Growth Stages List
Ra	ainfall Stations List
Ma	achinery, Manual Tasks and Staff List
ĿŅ	vestock Categories and Mobs
Liv	vestock Activities and Treatments
Liy	estock Produce Items
Liv	vestock Consignees and Consignors
Ιŋ	dividual Animal Traits, Tasks and Weights
En	nail Connection Settings
Ur	nits of Measure and Package Sizes
G	stomise your PAM QA Plus program

As you add new machines you will see that you can select the operation that a machine is to perform... (Chemical Application, Fertiliser

Application, Harvesting, Planting/Seeding etc.). There are special reports which use these machinery categories. You can also set up a machine to perform "Any operation". Typically tractors will be set up in this way, for example a machine that is set as having the operation type of Chemical Application will not be an available machine for selection when entering operations for seeding etc...

**Machinery Cost Calculator**: Should you need assistance in accurately calculating the operational costs of your machinery, why not use the machinery cost calculator? **Tools / Machinery Cost Calculator** 

 ng oto	
Delete Machine	
<u>E</u> dit Machine	
<u>B</u> ackdate costs	
<u>M</u> ove Item to Manual Tasks List	
Machinery Costs Calculator	Alt+E3
Mgeninery coses calcalator	HIGHTO
Maintain Machinery Operations	

		Desure 1	nua I	Annel		- and -	
- 50 J	<u>&gt;</u>	Drowse	ELUT	Vivotes	A Helb	Liose	Ūκ
Select Options to calcul	ate cos	ts in operations : 🔽 Ma	chine Costs	as Fixed plus Variable les	ss Fuel Costs	💌 🔽 Operati	on Fuel Cos
Air Spray Air Spray Insct	1			Air Sp	ray		
Air Spread Baling BIG SQR		Purchase Price	\$14,000	.00	Purchase Date	11/05/2000 🚖	
Baling MD RND Baling MD SQ		Expected Sale Value	\$10,000	.00	Expected Life	10	Years
Baling RND Baling SM SQ		Interest Rate	2	%	Depreciation	\$400.00	per Year
Burning Clover Harvest		Annual Useage	300	Hectares 💌 Units	Opportunity Cost	\$240.00	per Year
Cultivate		Insurance	6	as a % of purchase price	=	\$840.00	per Year
Direct Drill		Shelter	3	as a % of purchase price	=	\$420.00	per Year
Harrow Harvesting		Fixed Costs	\$6.33	per Ha	Total Fixed Costs	\$1,900.00	per Year
Hay Carting Hay Squeezer		Fuel Consumption	7	Litres per Ha	-	2100	Litres / Ye
Pasture Spray Prickle Chain		Fuel Price	2	cents per Litre = \$0.	<mark>14</mark> per Ha =	\$42.00	per Year
Raking Rolling		Lubricants Cost	6	as % of total fuel costs	-	\$2.52	per Year
Slashing Sowing		Repairs	3	as a % of purchase price	-	\$420.00	per Year
Spraying Spread Clover		Tyres & Tubes	\$0.01	per Ha	-	\$4.00	per Year
Stone Picking Stone Raking		Variable Costs	\$1.56	per Ha	Total Variable Costs	\$468.52	per Year
Super Condition	-	Total Costs	\$7.90	per Ha	Total Costs	\$2,368.52	per Year

### The Tool Bar

#### **Paddock Activities Diary**

The activities diary is the "nerve centre" of the paddock database system. This is your main screen for entering cropping and related data. The daily activities are listed by date on the screen as they are entered, building up a daily log book of all your paddock activities.

#### Paddock Season View

The Paddock-Season screen is best described as a screen of review, where all the activities carried out in a paddock in a single season are displayed. The data entered in the Paddock Activities Diary is transferred to the records displayed in this screen. Data can be entered in this screen as well. The steps are the same as those for the Paddock Activities Diary Add Wizard.

#### **Budgeting System**

This system allows you to create a set of PAM data for experimenting with possible outcomes from possible management decisions. Budgeted events can be converted to planned or actual events as the season unfolds.

#### Livestock Activities Diary

The livestock database allows you to keep accurate control of stock numbers, stock movements, paddock stocking rate histories, production histories and costs. The daily activities are listed on the screen as they are entered, building up a daily log book of all your livestock activities.

#### Wool Book

The shearing and wool recording system has been designed to make it easy to enter your wool clip details on a mob by mob basis. The system is divided into three sections. They are called The Mob Wool Book, Test Results & Prices and Wool Sale Summary.

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#### Soil, Leaf, Water, Sap & Nutrient Tests

The "tests" systems in PAM are designed to provide as much flexibility as possible. Due to the number of laboratories being used and the many different elements being analysed, PAM provides you with a completely "user-configurable" system.

#### **Rainfall Recording System**

The rainfall database system is as versatile as it is powerful. Up-to-date technology has been used to make your rainfall records come to life for you in the graphical reports. Automatic calculations and conversion facilities have been built in to make your task easier. Rainfall may be entered (or imported from other software) into this program as monthly totals or on a daily totals basis.

#### **General Purpose Diary**

The general purpose and reminder diary is a convenient place to store notes for future reference and to remind you of future appointments. It enables you to keep a standard diary of personal and business events. For your convenience the diary can be accessed while operating any other part of the PAM QA software.

#### **Browse Any Dataset**

This feature gives you a highly configurable system to access raw data (dataset) from the PAM database. Browsing a dataset allows you to view the data in a table layout. You may customise the datasets in many ways, for example: sort multiple columns at the same time, move the columns around and save the layout of the dataset for future viewing... you can also print from your customised dataset.

#### **Display Farm Map**

As the mapping section of the program would require it's own booklet to get you started, we will not attempt to explain this section in this getting started booklet. You can however, find a great deal of information about the mapping module of the PAM software in the online help which you can view by clicking F1 at any time when the software is open.

#### Backup/Restore & Transfer Data Files

It is absolutely imperative that you regularly back-up your database files. PAM will ask you if you want to back-up the data files each time you exit out of the program (this optional feature is turned on by default). The data restore facility is used to restore data that has previously been saved with the program's data back up facility. Other features available via this menu include import harvest data from external sources, exporting information to financial software packages and advanced features for consultants.

#### **Farm Filter**

If you are running more than one farm, the farm filter can be used to run PAM in single farm mode. You can set up as many farms as you like in PAM, however all the data is stored in one set of data files. Therefore, if you want to run reports for a single property, or have your pick list of paddocks only display the paddocks of a single farm, you will need to use the farm filter.

### **Adding Activities**

This section will explain some fundamental actions and features that are involved with recording your day to day enterprise activities. The actions and features that you will see here are applicable to all of the activities that you may enter into the PAM software.

#### The Add Activity Wizard



Data entry is done via the 'Add Activity Wizard', this wizard can be activated by clicking the 'Add' button which is common to the Paddock Diary,

the Paddock Season View and the Livestock Diary.

Select the Activity Type you would like to enter, for this exercise we will use the chemical application We will be entering an 'Actual' record for this exercise you can learn more about plans in the online help (F1). Select your date and season.

You will notice a 'Config...' button, if you select this button you will be able to add or



remove associated activities for this operation. For example; adding a chemical activity you would expect to use a machine of some kind, there fore we will have the machine operation as a 'part' of the 'JOB'. You will see how this aids us in efficient data entry very shortly.

With that said.... Click Next (F8).

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Here we see how things are going to work....

Add Activity Wizard					E
	Area S	election			
Lists Map					
Crops Paddock 2004 Manager	nent Groups				
Paddock (Farm)	Area				^
01 : Fairport	48.53	S.			
02 : Fairport	42.55				
03 : Fairport	47.62				
04 : Fairport	131.4	9			
05 : Fairport	50.83				(77)
06 · Fairnort	65.88				<u> </u>
Add New Paddock V Dis	ilay as a list				
Paddock / Farm		Total Ha	Arable Ha	Cropped Ha	Worked Ha
01 (Fairport)		48.53	29.48		29.48
<b>*</b> • • • • • •				Total Aven	0-1
Clear Selected	Management Groups			Total Area	Selected : 29.48
Help (F1)	<table-cell-rows> Back (F5)</table-cell-rows>	+ Next (F8)		Finish	🗙 Cancel

We are being asked to select the appropriate area to apply the chemical! If there are any planted crops, they may be selected and the costs associated with the activity assigned to the crop rather than (or as well as) the paddock. Click **Next**...

Now that we have selected the area to treat, we need to select the chemicals to use for the activity; we are also being prompted for climactic conditions for the job. By clicking inside the cell in the Chemical column, you will get a drop down list with the pre-configured chemicals we entered earlier.

Continue entering chemicals and relevant data until you have all of the information you need for this activity.

Note: Click on the **+** button or press your Down Arrow key to add more chemicals.

		ions	/ Condit	Spray		
		Start Time	1474 L	Total Water	50 L / Ha	Water Rate
		End Time	0.00 Km/Hr	Ground Speed		Cloud Cover (%)
	100	Band (%)	•	Wind Direction		Plant Vigour
	100	Configuration (%)	0.00 Km/Hr	Wind Speed	0 °C	Temperature
						17515 ALAR 12755
th stages availabl	ote : All Growt	Growth Stage (No	al Applio	Tank Volume		Humidity (%)
th stages availabl Cost per Ha	ote : All Growt Batch Number	Growth Stage (No Cations Targets	o al Applio Cost per Unit	Tank Volume Chemic Chemic Gof Total Vater Units	Units per Ha	Humidity (%)
th stages availabl Cost per Ha \$0.00	ote : All Growt Batch Number	Growth Stage (No Cations Targets	0 al Applio Cost per Unit \$7.25	Tank Volume Chemic % of Total Vater Units 0.00% 0	Units per Ha \ O L	Humidity (%) Chemical
th stages availabl Cost per Ha \$0.00 \$0.00	ote : All Growt Batch Number	Growth Stage (No Cations L N/A (g (space)	0 al Applic Cost per Unit \$7.25 \$7.35/#	Tank Volume Chemic Kof Total Units 0.00% 0 N/A 0 K	Units per Ha O U O g	Humidity (%) Chemical Activator
Cost per Ha \$0.00	ote : All Growt Batch Number	Growth Stage (No Cations	0 al Applic Cost per Unit \$7.25 3 \$7.95/H	Tank Volume Chemic % of Total Units 0.00% 0 N/A 0 K	Units per Ha \ O L O g	Humidity (%) Chemical Activator Atrazine
Cost per Ha \$0.00 \$0.00	ote : All Growt Batch Number	Growth Stage (No Cations Targets 4. N/A (g (space)	0 al Applid Cost per Unit \$7.25 \$7.95/#	Tank Volume Chemic Ko of Total Vater Units 0.00% 0 N/A 0 K	Units per Ha O L O g	Humidity (%)

#### Handy Hint:

When ever you see a **Tools** button... have a look at the drop down menu. Useful and convenient options can be found to make life easier. You will find that you are able to add the majority of configurable items (in this case, chemicals) 'On-the fly' using the Tools menu. A great time saver.



When you are done with the Spray Conditions &

Chemical Applications screen, click **Next (F8)** for the next screen in the Add Activity Wizard.

This is where the '**Config...**' button and the **Associated Activities** functionality that we looked at earlier comes into effect. When we entered the Add Activity Wizard we had selected only the Chemical Application & the Machinery Operation, there the Wizard will now ask us for the details on the machinery that was used for the Job.

The Machinery Operation screen works the same way as the previous screen; we simply need to fill out the fields that are available. You will notice that the **Next (F8)** button is now no longer available, but the **Finish** button is. This

Add Activity Wizard									
Tips									
Choose the operation from the list then select one or more machines and enter their cost details. You can enter the staff or contractor details by clicking on the [] button in the Labour column. Check the "Tools" button options to do the following : To add a new machine to the pick-list, create a new or select an existing combination To allocate costs of the current job to future seasons;									
	-	Ma	achine	ery Ope	ration				
Operation : Chemical /	Application	n <u>-</u>	]						
Machine or Operation	Hours	Machinery (\$ / Ha)	Fuel (\$/Ha)	Contract (\$/Ha)	Labour (\$/Ha)	Cost (\$/Ha)	Total Cost	Water Rate / Ha	^
Spraying 💌	0				5	\$0.00	\$0.00	50 L	
Help (F1) ♦ Job Notes 🔶 Back (F5) => Next (F8) ✓ Finish 🗶 Cancel									

is because the Add Activity session is finished after the machinery details are entered. Should we have included the 'Sundries Consumed' in the Associated Activities when we started the Add Activity Wizard, then we would have one more screen.

After you have clicked the **Finish** button, you will be returned to 'Paddock Diary', and you will see the activity that you have just entered.

### Reporting

The whole reason for entering your production data...

The number of reports and graphs available in PAM is vast. We have never actually counted them but as the selection methods for choosing the report content are so versatile, the combinations and permutations are endless. Don't let that daunt you. This is great news for you. You can tailor the reports in your own special ways.

It would be pointless to describe every possible report here in the manual. We have taken care when creating the menu options to be as descriptive as possible.

You will notice that there is a Reports menu across the top of the program, this is where you will find the majority of reports. You will also find reports available in other places through out the software, for instance, there is a reports button in both the 'Paddock Diary' and the 'Season Summary Screen'.

### **Dealer Locations**

New South Wales					
Matt Meehan AgBis Pty Ltd - Head Office PO Box 1184 (152 Douglas Street) ARMIDALE NSW 2350 Phone: (02) 6772 9200 Fax: (02) 6772 9212 Mobile: 0407 729 936 matt@agbis.com www.agbis.com	Greg Baker AgBis Pty Ltd PO Box 4515 DUBBO NSW 2830 Phone: (02) 6885 2333 Fax: (02) 6885 2333 Mobile: 0417 256 398 greg@agbis.com	Tim Paramore Tim Paramore Agronomic Services 799 Frauenfelder Street ALBURY NSW 2640 Phone: (02) 6021 1351 Fax: (02) 6023 2012 Mobile: 0428 686 370 paramore@bigpond.com			
Andrew Rice Ivey ATP 15 Billabong Crescent PARKES NSW 2870 Phone: (02) 6862 6422 Fax: (02) 6862 6425 andrew@iveyatp.com	Graeme Anderson (Training Provider Only) North Wagga Rural Skills Centre PO Box 2144 WAGGA WAGGA NSW 2650 Phone: (02) 6939 5000 Fax: (02) 6939 5023 Graeme.anderson@tafensw.edu.au	Dorothy Barton / Frank Manteleone Click Start It PO Box 587 GRIFFITH NSW 2680 Phone: (02) 6964 1611 Fax: (02) 6964 1645 admin@clickstartit.com.au			

Queensland						
Ed Windley Graham Spackman & Associates PO Box 1029 EMERALD QLD 4720 Phone: (07) 4982 0958 Fax: (07) 4982 1348 Mobile: 0407 156 306 spackman@tpg.com.au	Glenn Milne Horizon Rural Management PO Box 4 JIMBOUR QLD 4406 Phone: (07) 4663 6282 Fax: (07) 4663 6267 Mobile: 0408 487 989 glenndm@bigpond.com	Anthony Wallis Horizon Rural Management 42 Pratten Street DALBY QLD 4405 Phone: (07) 4662 4899 Fax: (07) 4662 5244 profit@horizonrural.com.au www.horizonrural.com.au				
Sarah Hall Agbis Pty Ltd 108 Water Street TOOWOOMBA, QLD 4350 Phone: (07) 4638 3811 Mobile: 0417 620 611 sarah.hall@agbis.com	Lucy House AgBis Pty Ltd Kywong THE CAVES QLD 4702 Phone: (07) 4934 2050 Fax: (07) 4934 2150 Email: lucyhouse@bigpond.com	Lorraine Robinson Robinson's Office Management PO Box 1467 TOOWOOMBA QLD 4350 Phone: (07) 4691 0091 Fax: (07) 4691 0092 Mobile: 0417 601 757 robinpjl@hotkey.net.au				
Les Todd WS Group PO Box 158 MACKAY QLD 4740 Phone: (07) 4951 2911 Fax: (07) 4953 1319 Mobile: 0418 878 824 ws.mky@wsgroup.com.au www.wsgroup.com.au						

South Australia					
Creagh McGlasson Rural Systems PO Box 328 LOCK SA 5633 Phone: (08) 8687 3093 Fax: (08) 8687 3005 creagh@ruralsystems.com.au www.ruralsystems.com.au	Vincent Ball Serve-Ag Pty Ltd 31 Cremorne Street FULLARTON SA 5063 Phone: (08) 8383 0510 Mobile: 0412 392 919 vball@serve-ag.com.au www.serve-ag.com.au	Chris McGowan McGowan Rural Computing 77 Shepherdson Road MOUNT GAMBIER SA 5290 Phone: (08) 8725 8215 Fax: (08) 8723 1912 chrismcg@dove.net.au			
Darryl Gravestock Murray Computer & Office Shop 29 Mary Terrace MURRAY BRIDGE SA 5253 Phone: (08) 8532 5580 Fax: (08) 8532 3028 darrylg@mcos.com.au www.mcos.com.au	Craig Humphris Down to Earth Rural Computing PO Box 102 JAMESTOWN SA 5491 Phone: (08) 8665 3264 Fax: (08) 8665 3225 humpo@bigpond.com	Richard Cane Agricultural Business Systems/York Systems PO Box 94 ARDROSSAN SA 5571 Phone: (08) 8837 3065 Fax: (08) 8837 4065 richard@absystems.com.au www.absystems.com.au			
Nikki Hannaford Hannaball Rural Computing PO Box 490 RIVERTON SA 5412 Phone: (08) 8847 2310 Fax: (08) 8847 2310 hannabal@rt.rbe.net.au	Richard Way YP Computer Services PO Box 163 PORT VINCENT SA 5581 Phone: (08) 8853 7065 Fax: (08) 8853 7065 richardw@ozemail.com.au	Greg Dearman Farm Business Systems PO Box 45 MILLICENT SA 5280 Phone: (03) 5382 3845 Fax: (03) 5381 1531 gregd@wimmera.com.au			
Peter & Taryn Baker Rural Directions P/L PO Box 646 CLARE SA 5453 Phone: (08) 8842 1103 Fax: (08) 8842 1766 tbaker@ruraldirections.com	lan Boothey Agsist PO Box 483 KADINA SA 5554 iboothey@yp-connect.net Phone: (08) 8821 3352 Fax: (08) 8821 3356 Mobile: 0408 859 324	Nigel Chapman KEE Technologies 14 Park Way MAWSON LAKES SA 5095 Phone: (08) 8203 3300 Fax: 1300 307 205 info@kee.com.au www.kee.com.au			

Western Australia						
Colin Booth Booth Technology - Head Office PO Box 50 COTTESLOE WA 6911 Phone: (08) 9383 4443 Fax: (08) 9383 4425 Mobile: 0408 944 006 sales@boothtech.com.au www.boothtech.com.au	Taryn Beagley Booth Technology Mukinbudin Agent PO Box 25 GRASS VALLEY WA 6403 Ph/Fax: (08) 9622 9716 boothcentral@westnet.com.au www.boothtech.com.au	Gary Guelfi Newdegate Computers PO Box 84 NEWDEGATE WA 6355 Phone: (08) 9871 2014 Fax: (08) 9871 2068 Mob: 0429 702 014 alfranco@treko.net.au www.boothtech.com.au				
Liz Alford Maelroan Computers PO Box 815 ESPERANCE WA 6450 Phone: (08) 9076 7042 Fax: (08) 90767042 Mobile: 0428 910 122 maelroan@bigpond.com	Chris Jorgensen Booth Technology North West Agent PO Box 1034 CARNARVON WA 6401 Phone: (08) 9576 1408 Fax: (08) 9383 4425 Mobile: 0429 683 341 cpjorgy@wn.com.au www.boothtech.com.au	Jean Cashmore Booth Technology Beacon Agent PO Box 34 BEACON WA 6472 Phone: (08) 9686 1110 Fax: (08) 9686 1165 tjbits@westnet.com.au www.boothtech.com.au				
Martin Evans Wheatbelt Trading Post PO Box 50 MUKINBUDIN WA 6479 Phone: (08) 9047 1141 Fax: (08) 9047 1167 martin@wheatbelttradingpost.com www.boothtech.com.au	Mark Little Booth Technology Peel & Upper SW Agent Lot 100 Ibis Retreat STAKEHILL WA 6210 Phone: (08) 9581 1849 Fax: (08) 9581 8490 Mob: 0403 190 128 pcgpa@yahoo.com.au www.boothtech.com.au	Christine Martin South Central Computer Services RMB 802 WILLIAMS 6391 Phone: (08) 9885 1267 Fax: (08) 9885 1296 coallinge@bigpond.com www.boothtech.com.au				
Rodney Field Fourways Group 173 Narrakine Road NARROGIN WA 6312 Phone/Fax: (08) 9881 1988 Mobile: 0428 899 010 fourways@wn.com.au	Mervyn Sher Bruce Rock Agencies 25 Swan Street BRUCE ROCK WA 6418 Phone: (08) 9061 1511 Fax: (08) 9061 1522 Mobile: 0429 611 511 brucerockagencies@bigpond.com.au	Murray Field Fourways Group 2 Wittenoom Street ALBANY WA 6330 Phone/Fax: (08) 9842 8692 Mobile: 0429 632 157 mjf.fourways@westnet.com.au				

Victoria					
Joanne Richardson Farmtek Australia PO Box 7106 SHEPPARTON VIC 3629 Phone: 1300 553 446 Fax: (03) 5826 5082 Mobile: 0429 930 770 www.farmtek.com.au joanne@farmtek.com.au	Paul Drendel DrenKo Business Support 13 Darlot Street HORSHAM VIC 3400 Phone: (03) 5382 3409 Fax: (03) 5382 3176 Mobile: 0427 DRENKO drenko@bigpond.com	David Read RMB 1620 STRATFORD VIC Phone: (03) 5149 8310 Fax: (03) 5149 8247 Mob: 0414 743 209 woodcote@bigpond.com			
Kate Coffey BelAg Independent Ag Services PO Box 200 YARRAWONG VIC 3730 Phone: (03) 5744 1221 Fax: (03) 5744 2553 kate.coffey@belmore.com.au	Doug Gardner Justify FM Service 339 Lava Street Phone: (03) 5561 1956 Fax: (03) 5599 2967 Mobile: 0408 681 187 douggardner@ansonic.com.au	Louella Burmeister Burmeister System Consultants Level 2 La Carbine 1 Yarra Street GEELONG VIC 3220 Phone: (03) 5229 7121 Fax: (03) 5229 7108 Iouella@burmeistersystems.com.au www.burmeistersystems.com.au			
Tasmania					
Mick Lehman Serve-Ag Pty Ltd PO Box 690 DEVONPORT TAS 7310 Phone: (03) 6427 0800 Fax: (03) 6427 0801 mlehman@serve-ag.com.au www.serve-ag.com.au	Tim Woolley Serve-Ag Pty Ltd PO Box 690 DEVONPORT TAS 7310 Phone: (03) 6427 0800 Fax: (03) 6427 0801 Mobile: 0417 331 801 twoolley@serve-ag.com.au www.serve-ag.com.au				

Northern Territory					
Lizzie Graham LRG Bookkeeping PO Box 2200 Katherine NT 0851 Phone: (08) 8971 2153 Mob: 0419 156415 Fax: (08) 8971 2282 Irgbookkeeping@bigpond.com					
New Zealand					
Gavin McEwen Xen-Agri Developments Ltd PO Box 9113 HAMILTON NZ 200 gavin@xenagri.com www.xenagri.com Phone: + 64 9 356 1897 Fax: +64 7 823 2427	Mark Ward Xenacom Limited Waikato Innovation Park Ruakura Road PO Box 4363 HAMILTON NZ 200 Phone: +647-8570621 mark.ward@xenacom.com	John Kirkman Farm Information Technology Ltd 155 Woodhouse Road Patumahoe RD4 Pukekohe NZ Phone: +64 08004327648 Fax: +64 92363 944 info@farmit.co.nz www.farmit.co.nz			
Bernard Muller/Ralie Fourie Senwes Ag Development PO Box 31 KLERKSDORP SOUTH AFRICA 2570 Phone: 018 4642011 Fax: 018 4641094 Ralie.Fourie@senwes.co.za www.senwes.co.za	Lanlink Networking Pty Ltd PO Box 484 BRUMA Greenvale Road BEDFORDVIEW SOUTH AFRICA 2026 Phone: 08611 01365 Fax: 011 4502365				

### Available Software Titles

- PAM QA Plus (General Production Recording Solution)
- PAM UltraCrop (Horticultural Production Recording Solution)
- PAM AusVit (Viticulture Production Recording Solution) Available Add-On Modules for PAM sotfware:
  - o Mapping
  - MultiClient
  - o Individual Animal Recording
  - o DataMerge
- PocketPAM suite of software
  - o Crop Diary
  - o Livestock
  - o Rainfall
  - o GPS Scout
  - o Inventory
  - o GP Diary
  - $\circ$  Field REX
- FarmStar Complete and comprehensive Precision Farming software
- gpMapper Live GPS mapping for the PC
- gpMapper Mobile Live GPS mapping for the PDA (PALM & Pocket PC)
- Pasture Watch Monitor your pasture paddocks from your office
- MAX Pro Advanced Machinery & Vehicle Management
- AirTracker Store & replay aerial agricultural applications
- Available Utilities
  - FREE Data Export Export PAM data to Excel® spreadsheet
  - o FREE PAM Report Viewer
  - o FREE DES Data Entry for the on board computer
  - o Projects Export Utility Export detailed project information