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# ENZA Limited

## Agri-Sure - PCR

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**Document Change History:**

Date	Version	Author	Changes Applied
August 02	0.1	John Bartley	Draft for 2003
October 03	1.0	John Bartley	2003
Nov-03	2.0	John Bartley	Draft Changes for 2004
Dec-03	2.1	John Bartley	Changes for 2004

# Overview

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AgriQuality provide a spray dairy / residue monitoring service to ENZA, its clients and the wider industry. Part of this service is the daily provision of an EDI file that specifies which orchards are cleared for export. This file also has the ability to validate other 'On Orchard Practices', e.g. is it IFP, Organic, Taiwan registered, etc.

Enza utilises this file to validate Orchard Spray Clearance (and other Orchard clearances) at the point of packing (in the Packhouse) and at submission into coolstore inventory.

This document specifies the following for the PCR file:

- The flat file
  - New requirements for PCR
  - Means of dissemination
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## Business Rules

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### Packhouse and Coolstore Validation

To pass validation the submitted information against an orchard must be of the same or of lower value than those in the PCR file and the Harvest Date is equal to or later than the Clearance Date. If validation fails the product can't be submitted into Enza inventory.

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## Behaviour

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### PCR Record

In the flat file, a record represents a unique occurrence of RPIN, Subdivision, Block, Variety and Production Programme.

### Master Data

#### PCR Attribute Values

PIITSA Master Data files contain the valid values for PCR attributes. These are held in three files:

- Orchard Block file, which holds all of the current Rpins, Subdivisions, Management Areas and Active Taiwan Registrations (require new 'Removed from Taiwan' date).
- The Product Code Translation file (pctxxal.txt), which contain attributes of the Product (Material), e.g. Variety and the Growing Method
- The Classification file (clasxal.txt), which contain attributes associate to the product or to the logistic unit (pallet), e.g. Production Programme and Market Access.

These files are fairly static and would get updated approximately once a week during a season.

See Appendix for examples or the PIITSA Master Data site:  
<http://smtp.radcomp.co.nz/mdatonline>

**Update Frequency** The PCR file is updated daily at 11:00pm, i.e. exported to the Master Data site. From time to time urgent request may need to be processed and immediately pushed to the Master Data site.

Issue for 2004: Agreed mechanisms for communications, i.e. protocol. HTTP?

## **New Requirements**

### **Introduction:**

The main changes for 2003 were the new MAF Registered Numbers and their associated requirements. This effectively defines an Orchard right down to a physical location, gives the ability to assign sub blocks to that location and define Market Registration to that sub block.

### **ENZA Filter Requirements:**

PCR is now an Industry based system (not ENZA specific), therefore there is a requirement to filter out Non ENZA data. This would be based on the following value:

- Production Program

### **New Requirements for 2004:**

In 2004 PGNZI have introduced another level, so now the structure is:

- Rpin: The physical Orchard location
- Subdivision: Segregation within the RPin that are allocated to a Market Program, currently Taiwan or Non Taiwan.
- Management Area: Used for Orchard Management practices, hence the level at which the Clearance Date is assigned.

New Market Access value for 2004 include:

- 'X' in the fourth character for Taiwan Suitable. Product is Taiwan suitable so long as the Orchard Subdivision remains in the Taiwan Programme. The status changes to a 'T' once it has passed inspection at the packhouse.

### **Taiwan Validation**

The PCR file is required to be validated against the MAF Register, for 2004 MAF will provide this register in an electronic format, it is envisaged that PIITSA will merge this into the Orchard Block file (a register of all RPIs), but this will need to be finalised!

Note: See Orchard Block File format below.

## **Error handling**

Enza will validate the PCR file for structure and content and notify accordingly.

In the event of an unsuccessful transmission of the PCR file to the site, AgriQuality will take such step to resolve or escalate the issue, i.e. notify ENZA.

# File Structure

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## Flat File - File Name: pcrxnz.txt

Header Record	record_type	A(3)	Mandatory	"HDR".
	document_type	A(15)	Mandatory	PCR
	version_date	A(8)	Mandatory	File create date
	record_count	A(6)	Mandatory	Count of all records in the file.
Detail Records	record_type	A(3)	Mandatory	"ITM".
	production_site	A(10)	Mandatory	"R1234"
	subdivision	A(2)	Optional	"A" to "ZZ" (Mandatory for Taiwan)
	management_area	A(3)	Optional	"A" to "ZZ"
	variety	A(3)	Mandatory	"002"
	production_program	A(5)	Mandatory	"IFPXX"
	market_access	A(5)	Mandatory	"XEOTN"
	growing_method	A(1)	Mandatory	"1"
	euregap	A(1)	Mandatory	'Y' for Certified, 'N' for not.
	clearance_date	A(8)	Mandatory	ccyymmdd format.

### Example:

```
HDR|PCR|20030729|7664
ITM|R1000|A|A|002|IFPXX|XEOXS|1|Y|20030409
ITM|R1000|A|A|035|IFPXX|XEOXS|1|Y|20030324
ITM|R1000|B|B|039|IFPXX|XEOXS|1|Y|20030204
ITM|R1000|B|B|311|IFPXX|XEOXS|1|Y|20030324
ITM|R1000|B|B|312|IFPXX|XEOXS|1|Y|20030324
ITM|R1000||C|028|IFPXX|XEONS|1|Y|20030218
ITM|R1000||C|060|IFPXX|XEONS|1|Y|20030218
ITM|R1001||A|001|IFPXX|XEONS|1|N|20030214
```

## SAP Upload File Name: pcrxnz.txt

Detail Records	production_site	A(10)	Mandatory	"R1234"
	subdivision	A(2)	Optional	"A" to "ZZ" (Mandatory for Taiwan)
	management_area	A(3)	Optional	"A" to "ZZ"
	variety	A(3)	Mandatory	"002"
	production_program	A(5)	Mandatory	"IFPXX"
	market_access	A(5)	Mandatory	"XEOTN"
	growing_method	A(1)	Mandatory	"1"
	euregap	A(1)	Mandatory	'Y' for Certified, 'N' for not.
	version_date	A(8)	Mandatory	File create date.
	clearance_date	A(8)	Mandatory	ccyymmdd format.

### Example:

```
R1371||C|039|IFPXX|NEONS|1|N|20040120|20040209
R2184||A|039|IFPXX|NEONS|1|N|20040120|20040313
R2410||A|035|IFPXX|NEONS|1|N|20040120|20040207
R2410||A|168|IFPXX|NEONS|1|N|20040120|20040207
```

**Flat File - File Name: OBLKXNZ.TXT.**

Header Record	record_type	A(3)	"HDR".
	document_type	A(15)	"ORCH_BLOCK".
	version_date	A(8)	File create date
	record_count	A(6)	Count of all records in the file.
Detail Records	record_type	A(3)	"ITM".
	Orchard_RPIN	A(4)	The RPIN of the Orchard
	Orchard_Subdivision_code	A(10)	Between A to ZZ
	Orchard_block_name	A(35)	The name of the orchard block
	Variety	A(3)	The Variety code against this Block
	Market_Program	A(2)	T for Taiwan
	Management_Code	A(3)	Effectively, the growing method
	Spare 1	A(35)	Optional, to be utilized for the recording of the old MAF number
	Taiwan_Removal_Date	A(8)	ccyymmdd format.

**Business Rules**

1. Any one record must have a minimum data set of –
  - a. record\_type
  - b. Orchard\_RPIN
  - c. Orchard\_block\_code

Each Orchard Block Code is to be unique to that orchard.

**Example:**

```

HDR|ORCH_BLOCK|20030312|003477
ITM|R1000|A|FC & WR Thomas||||
ITM|R1000|B|FC & WR Thomas||||
ITM|R1001|A|Old Virginny Farm Ltd||T||
ITM|R1001|B|Old Virginny Farm Ltd||T||
ITM|R1001|C|Old Virginny Farm Ltd||T||
ITM|R1001|D|Old Virginny Farm Ltd||T||
ITM|R1002|A|C & M Nagel Family Trust||T||
ITM|R1003|A|Claremont Trust||T||
ITM|R1005|A|Jaqski Farm Partnership||T||
ITM|R1005|B|Jaqski Farm Partnership||T||
ITM|R1006|A|Riverford Farm Partnership||T||
ITM|R1007|A|Faversham Orchard Ltd||T||
    
```