DairyBase

Farm Business Details

Business Trading name	
Primary contact name	
Supply number	
Dairy season e.g. 2023-24	
Farm physical address	

Interviewer name	
Date	

Fertiliser company	

Farm description

Block name	Area (ha)	Effective Platform	Topography (% of block)	Does this block have plantain? If yes, what percentage (%)			Is liquid effluent applied to block?		Area with artificial drainage (ha) and type of drainage
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
		☐		☐ Yes	☐ No		☐ Yes	☐ No	
Total farm (inc ungrazeable)									

Note: A block is an area of the farm with the same site and management characteristics.

Different blocks should be defined where there are differences in:

Effluent and Non Effluent

Management (irrigation, fertiliser, effluent, stock class, etc...)

Planting (bush, forestry, riparian)

Pasture or Crop

Support Blocks

Topography (flat, rolling, easy hill, steep hill, etc)

Spring calving herd - Monthly cow numbers on the effective milking area

Note: This refers to the dairy herd only i.e. cows forming part of the milking herd (when lactating and dry) with the exclusion of replacements, carry overs and non-dairy livestock. Enter values into this table in conjunction with Table 13a and Table 15 in the Level 2 questionnaire.

Once a day milking (circle one):	Never	All season	During calving	During drying off	**Final dry off date:**	
	Half of the season	During calving and drying off				

	July	August	September	October	November	December	January	February	March	April	May	June
Number of cows grazed on the platform												
% herd fed in shed during lactation												
Number of cows grazed off the platform												
Date cows are leaving/ coming to the platform												

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Autumn calving herds - Monthly cow numbers on the effective milking area

Once a day milking (circle one):	Never	All season	During calving		During drying off	Final dry off date:	
	Half of the season		During calving and drying off			# Autumn carryovers to spring herd: (nb. Add these animals to the spring table)	

		2023	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2024	Jan	Feb	Mar	Apr	May	Jun
Number of cows grazed on the platform	Autumn Herd															
	Autumn Calving Heifers				These opening /closing numbers should match 'in-milk' carryovers at 1 June and 31 May in Section 12 of the level 2											
	Spring Carryovers															
	Total															
% herd fed in shed during lactation																
Number of cows grazed off the platform																
Date cows are leaving/ coming to the platform																

Other stock grazed on the effective milking area

Refers to all other stock types including calves, R1, R2, bulls, carryovers, non-dairy livestock, etc... Indicate the destination of other stock i.e. sold, culled, remain on farm.

Stock type & class e.g. mixed age carry over cows	Breed	Age when arriving on farm		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
			No												
			Days												
			No												
			Days												
			No												
			Days												
			No												
			Days												
			No												
			Days												

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If effective milking area has associated support land
Note: Owned or leased, excluding contract grazing / complete a separate page for each support block.

Block name		Address of support block	

Stock type (e.g R1s, R2s, cows, bulls, sheep)	Age*	Breed	**Number** of stock grazed on the support block											
			July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1.														
2.														
3.														
4														
5														
6														
7														

*Age in months when stock is first on support block

	Approximate date each stock type **come to support block**	Approximate date each stock type **leave support block**
1		
2		
3		
4		
5		
6		
7		

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If effective milking area has associated support land (cont'd)

Note: Owned or leased, excluding contract grazing / complete a separate page for each support block.

Block name			Address of support block												

			Number of stock grazed on the support block												
Stock type (e.g R1s, R2s, cows, bulls, sheep)	Age*	Breed	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June
1.														
2.														
3.														
4														
5														
6														
7														

*Age in months when stock is first on support block

	Approximate date each stock type **come to support block**	Approximate date each stock type **leave support block**
1		
2		
3		
4		
5		
6		
7		

If effective milking area has associated support land (cont'd)

Note: Owned or leased, excluding contract grazing / complete a separate page for each support block.

Block name		Address of support block													
Number of stock grazed on the support block															
Stock type (e.g R1s, R2s, cows, bulls, sheep)	Age*	Breed	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	
1.															
2.															
3.															
4															
5															
6															
7															

*Age in months when stock is first on support block

	Approximate date each stock type **come to support block**	Approximate date each stock type **leave support block**
1		
2		
3		
4		
5		
6		
7		

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Pasture supplements made on effective milking area

Pasture supplement type	Total yield (t DM) *	Month Harvested	Supplement made on which block	Destination of feed * e.g. non-effluent block, effluent block, feed inventory, barn	Animal type fed e.g. MA cows, R1s
Hay					
Pasture silage					
Baleage					
Other:					

* indicate if total yield (t DM) is actual (A) or estimated (E)   * provide % breakdown if more than one destination

Method of feeding imported supplements on effective milking area

Feed type	From feed inventory (T DM)	Purchased (T DM)	From support block (T DM)	Destination of feed *e.g. non-effluent block, effluent block, feed, pad, barn	Animal type fed e.g. MA cows, R1s

* provide % breakdown if more than one destination

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Pasture supplements grown on support land

Pasture supplement type	Total yield (t DM) *	Month Harvested	Supplement made on which block	Destination of feed * e.g. non-effluent block, effluent block, feed inventory, barn	Animal type fed e.g. MA cows, R1s
Hay					
Pasture silage					
Baleage					

* indicate if total yield (t DM) is actual (A) or estimated (E)   * provide % breakdown if more than one destination

Method of feeding imported supplements on support land

Feed type	From feed inventory (T DM)	Purchased (T DM)	From support block (T DM)	Destination of feed * e.g. non-effluent block, effluent block, feed, pad, barn	Animal type fed e.g. MA cows, R1s

* Custom feeds: indicate nutrient composition (N, P, K, S) or ingredients and percentage   * provide % breakdown if more than one destination

Crops grown on effective milking area (Note: not to be confused with supplements imported in Level 2)

Crop	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5
	Your farm				
Block name					
Previous season's crop (2022/23)					
Current season's crop (2023/24)					
Current season's area (2023/24)					
Years in pasture in previous 12 years					
Yield (t DM/ha)					
Cultivation type (Minimum Tillage, Direct Drilled, Conventional)					
Fertiliser at cultivation (broadcast or incorporated)					
Did the crop receive effluent? (Yes or No), if yes:					
Liquid or solid effluent?					
Month(s) effluent applied					

Enter the following fields if the above crop was regrassed or resown during the season

	Crop 1	Crop 2	Crop 3	Crop 4	Crop 5
Crop type regrassed/resown					
Cultivation type (Minimum Tillage, Direct Drilled, Conventional)					
Crop yield (t DM/ha)					
or, defoliation method (if relevant)					
Fertiliser at cultivation (broadcast or incorporated)					
Did the crop receive effluent? (Yes or No), if yes:					
Liquid or solid effluent?					
Month(s) effluent applied					

Crops grown on effective milking area (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on effective milking area (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on effective milking area (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on effective milking area (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

Crop 4

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on effective milking area (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

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Crops grown on support land

Crop	Your farm			
	Crop 1	Crop 2	Crop 3	Crop 4
Block name				
Previous season's crop (2022/23)				
Current season's crop (2023/24)				
Current season's area (2023/24)				
Years in pasture in previous 12 years				
Yield (t DM/ha)				
Cultivation type (Minimum Tillage, Direct Drilled, Conventional)				
Fertiliser at cultivation (broadcast or incorporated)				
Did the crop receive effluent? (Yes or No), if yes:				
Liquid or solid effluent?				
Month(s) effluent applied				

Enter the following fields if the above crop was regrassed or resown during the season

Crop type regrassed/resown				
Cultivation type (Minimum Tillage, Direct Drilled, Conventional)				
Crop yield (t DM/ha)				
or, defoliation method (if relevant)				
Fertiliser at cultivation (broadcast or incorporated)				
Did the crop receive effluent? (Yes or No), if yes:				
Liquid or solid effluent?				
Month(s) effluent applied				

Crops grown on support land (cont’d)

		Crop 1			
	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON **(2023/24)**	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on support land (cont'd)

	Month	Crop sown	Crop 2 Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on support land (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Crops grown on support land (cont'd)

	Month	Crop sown	Fertiliser applied - product and rate (kg/ha)	Irrigation type	Defoliation method *
PREVIOUS SEASON (2022/23)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
CURRENT SEASON (2023/24)	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Jul				
	Aug				
	Sept				
	Oct				
	Nov				
	Dec				
	Jan				

* Grazed (include stock type and hours on crop) or harvested (indicate if fed out on milking platform or exported)

Off-pasture structures on milking area (if applicable)

Structure type 1	Wintering Pad/Shelter ☐　　Standoff Pad ☐　　Feed Pad ☐	Is the structure covered?	Yes ☐　　No ☐
Pad surface:	☐ Carbon rich (sawdust, bark, woodchip)　☐ Soil ☐ Inert (lime, rock mix)　☐ Concrete	☐ Is the Pad lined, subsurface drained and effluent captured? ☐ is the Surface scraped regularly	

	July	August	September	October	November	December	January	February	March	April	May	June
No. days structure used												
% or No. animals using structure												
No. hours/day each animal is on structure												
Type of animal on structure (MAC, R1, etc)												

Note: When recording the No. of hours on structure this needs to be averaged out if it is frequented by more than one herd e.g. if a 400 cow herd used the structure for 4 hours and another 300 cow herd used the structure for 4 hours, it should be recorded as 700 cows using the structure for 4 hours/day.

Effluent Management;	☐ Flushed with water and treated same as dairy effluent ☐ Flushed with water - solids are separated. Liquids treated same as dairy effluent - add solids management below ☐ Scraped (no water) - add effluent management details below ☐ Scraped (no water) - solids are separated. Liquids treated same as dairy effluent - add solids management below ☐ Scraped - all materials added to farm system and treated same as dairy effluent	
Separated Solids Management:	☐ Spread on blocks　　or ☐ Exported If Spread on Blocks Storage method: ☐ Covered ☐ Open to rain ☐ No Storage Time in Storage: _____ months Which blocks are the separated solids on: What months are the separated solids spread:	**For Wintering Pads;** Enter number of months between adding animals and cleaning the bunker; _____ months ☐ Liquid drains away (added to liquid effluent) ☐ Concrete feed apron present and used

| Structure type 1 | Wintering Pad/Shelter ☐ | Standoff Pad ☐ | Feed Pad ☐ | Is the structure covered? | Yes ☐ | No ☐ |

| Pad surface: | ☐ Carbon rich (sawdust, bark, woodchip)   ☐ Soil
☐ Inert (lime, rock mix)   ☐ Concrete | ☐ Is the Pad lined, subsurface drained and effluent captured?
☐ is the Surface scraped regularly |

	July	August	September	October	November	December	January	February	March	April	May	June
No. days structure used												
% or No. animals using structure												
No. hours/day each animal is on structure												
Type of animal on structure (MAC, R1, etc)												

Note: When recording the No. of hours on structure this needs to be averaged out if it is frequented by more than one herd e.g. if a 400 cow herd used the structure for 4 hours and another 300 cow herd used the structure for 4 hours, it should be recorded as 700 cows using the structure for 4 hours/day.

| Effluent Management; | ☐ Flushed with water and treated same as dairy effluent

☐ Flushed with water - solids are separated. Liquids treated same as dairy effluent - add solids management below

☐ Scraped (no water) - add effluent management details below

☐ Scraped (no water) - solids are separated. Liquids treated same as dairy effluent - add solids management below

☐ Scraped - all materials added to farm system and treated same as dairy effluent | |
| Separated Solids Management: | ☐ Spread on blocks   or ☐ Exported

If Spread on Blocks
Storage method: ☐ Covered ☐ Open to rain ☐ No Storage

Time in Storage: _____ months

Which blocks are the separated solids on:

What months are the separated solids spread: | **For Wintering Pads;**
Enter number of months between adding animals and cleaning the bunker;
_____ months

☐ Liquid drains away (added to liquid effluent)

☐ Concrete feed apron present and used |

Farm dairy effluent application

Effluent management system?	☐ Spray from sump ☐ Holding Pond
	☐ 2 Pond + Discharge ☐ Holding Pond (solids are separated)
	☐ Exported
Liquid effluent management?	☐ Spray regularly ☐ Stir and Spray Regularly
	☐ Spray infrequently ☐ Exported

Block name(s)	Months liquid effluent is applied to land (tick)											
	July	August	September	October	November	December	January	February	March	April	May	June

| Effluent application rate (depth) - if measured by bucket test (mm): | ☐ <12mm ☐ 12-24mm ☐ >24mm ☐ Low application rate |

Solids Management - if solids are separated?	☐ Spread on Blocks ☐ Exported	Time in storage?	months
Storage method (of separated solids)?	☐ Covered ☐ Open ☐ No Storage		
What months are separated solids spread in?			
Where is solid effluent disposed of? e.g. off-farm, effluent block, non-effluent block			

How often are pond solids removed?	years
Were pond solids removed and spread in the 2023/24 season?	☐ Yes ☐ No
If yes, What month(s) were pond solids spread/disposed of?	
If yes, What block(s) were solids spread on?	

Irrigation activity – not including effluent spread on pasture

Please indicate these areas on the farm map and include a soil moisture graph for the season

Irrigation methods: Linear & Centre Pivot, Controlled Flood, Solid Set, Micro-irrigation (drip and sprinkler), Spraylines, Travelling Irrigation, Border Dyke

Irrigation method 1		Block		Area (ha)	
How is irrigation scheduled?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	_or_ ☐ **Application Depth;** Application depth _____ mm		_or_ ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	
Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:					
Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW _or_ Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ % ☐ **Depth applied to achieve target; fixed return period;** Units used; % PAW _or_ Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days mm deficit Target ____ % ☐ **Trigger point and depth applied to achieve target:** Units used; ☐ % PAW _or_ mm deficit Trigger Point____ %/mm Target: _____ %/mm				
Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun				

Irrigation method 2		Block		Area (ha)	
How is irrigation schedule?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	_or_ ☐ **Application Depth;** Application depth _____ mm		_or_ ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	
Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:					
Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW _or_ Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ % ☐ **Depth applied to achieve target; fixed return period;** Units used; ☐ % PAW _or_ Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days ☐ mm deficit Target ____ % ☐ **Trigger point and depth applied to achieve target:** Units used; ☐% PAW _or_ ☐ mm deficit Trigger Point____ % Target: _____ %				
Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun				

Irrigation activity – not including effluent spread on pasture (cont'd)

Please indicate these areas on the farm map   and   include a soil moisture graph for the season
Irrigation methods: Centre Pivot/Lateral, Travelling irrigator, Spraylines (K-line), Drip/Micro-irrigation, Solid set, Flood, Border dyke

Irrigation method 1		Block		Area (ha)	
How is irrigation scheduled?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	_or_ ☐ **Application Depth;** Application depth _____ mm		_or_ ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	

Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:

Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW _or_ Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ %
	☐ **Depth applied to achieve target; fixed return period;** Units used; % PAW _or_ Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days mm deficit Target ____ %
	☐ **Trigger point and depth applied to achieve target:** Units used; ☐ % PAW _or_ mm deficit Trigger Point____ %/mm Target: _____ %/mm

Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun

Irrigation method 2		Block		Area (ha)	
How is irrigation schedule?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	_or_ ☐ **Application Depth;** Application depth _____ mm		_or_ ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	

Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:

Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW _or_ Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ %
	☐ **Depth applied to achieve target; fixed return period;** Units used; ☐ % PAW _or_ Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days ☐ mm deficit Target ____ %
	☐ **Trigger point and depth applied to achieve target:** Units used; ☐ % PAW _or_ ☐ mm deficit Trigger Point____ % Target: _____ %

Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun

Irrigation activity – not including effluent spread on pasture (cont.)

Please indicate these areas on the farm map   and   include a soil moisture graph for the season

Irrigation methods: Linear & Centre Pivot, Controlled Flood, Solid Set, Micro-irrigation (drip and sprinkler), Spraylines, Travelling Irrigator, Border Dyke

Irrigation method 1		Block		Area (ha)	
How is irrigation scheduled?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	<u>or</u> ☐ **Application Depth;** Application depth _____ mm		<u>or</u> ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	
Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:					
Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW <u>or</u> Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ % ☐ **Depth applied to achieve target; fixed return period;** Units used; % PAW <u>or</u> Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days mm deficit Target ____ % ☐ **Trigger point and depth applied to achieve target:** Units used; ☐ % PAW <u>or</u> mm deficit Trigger Point____ %/mm Target: _____ %/mm				
Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun				

Irrigation method 2		Block		Area (ha)	
How is irrigation schedule?	☐ **Fixed Depth and Return Period;** Depth per application _____ mm/app Return period _____ days	<u>or</u> ☐ **Application Depth;** Application depth _____ mm		<u>or</u> ☐ **Visual Assessment/dig a hole** Depth per application _____ mm/app Return period _____ days	
Or if using **Soil Water Budget** or **Soil Moisture Sensors (probes/tapes)** complete Strategy below:					
Strategy ☐ Soil Water Budget or ☐ Soil Moisture Sensors	☐ **Trigger point;** Units used; ☐ % PAW <u>or</u> Depth per application: _____ mm/app, Minimum return period: _____ days ☐ mm deficit Trigger Point ____ % ☐ **Depth applied to achieve target; fixed return period;** Units used; ☐ % PAW <u>or</u> Minimum depth: ____ mm/month Maximum depth: ____ mm/app Return Period: ___ days ☐ mm deficit Target ____ % ☐ **Trigger point and depth applied to achieve target:** Units used; ☐% PAW <u>or</u> ☐ mm deficit Trigger Point____ % Target: _____ %				
Months Irrigation Applied	☐ Jul ☐ Aug ☐ Sep ☐ Oct ☐ Nov ☐ Dec ☐ Jan ☐ Feb ☐ Mar ☐ Apr ☐ May ☐ Jun				

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

Block name				Soil test date			pH		Olsen P	

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one

Enter additional fertiliser information such as custom compositions here:	

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

| Block name | | | | | Soil test date | | | pH | | Olsen P | |

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one

Enter additional fertiliser information such as custom compositions here:

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

Block name		Soil test date		pH		Olsen P	

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one (Tonnes, Kg, Kg / ha)

Enter additional fertiliser information such as custom compositions here:	

DairyNZ

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

| Block name | | | | Soil test date | | | pH | | Olsen P | |

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one

| Enter additional fertiliser information such as custom compositions here: | |

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

| Block name | | | | Soil test date | | | pH | | Olsen P | |

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one

| Enter additional fertiliser information such as custom compositions here: | |

DairyNZ

Fertiliser application (pastoral only)

Enter the type of fertiliser and the application in either tonnes, kg, or kg / ha.

Block name		Soil test date		pH		Olsen P	

	July	August	September	October	November	December	January	February	March	April	May	June
Fertiliser type e.g. urea, DAP												
Tonnes												
Kg												
Kg / ha												

Select one (Tonnes / Kg / Kg / ha)

Enter additional fertiliser information such as custom compositions here:	

REQUIRED: Provide a farm map indicating effluent area, irrigation types and contour

If a farm map is not available, provide a screen shot (Google Maps) of the farm boundaries and indicate effluent area and irrigation. Check that main roads, rapid number locations and/or North/South orientation are clearly indicated on farm maps

REQUIRED: Provide a map of the support land

If a map is not available, provide a screen shot (Google Maps) of the support land

Any Additional Notes or Feedback