



Quality Welsh Food Certification Ltd
 Gorseland, North Road, Aberystwyth, Ceredigion, SY23 2HE
 Email organic@wlbpc.co.uk Phone: 01970 636688

RS02 Livestock Nitrogen Production

Name		Organic Certification Number	
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Livestock on holding

Livestock type	A Nitrogen produced per animal (Kg)	B Number of animals on farm	C Number of crops per year	E Kg N produced A x B x C
Dairy cow over 9000 litres annually	115			
Dairy cow 6000 to 9000 litres annually	101			
Dairy cow under 6000 litres annually	61			
Suckler cow and Water Buffalo over 500kg	83			
Suckler cow and Water Buffalo under 500kg	61			
Cattle 0 to 3 months	1.4			
Cattle 4 to 13 months	28			
Cattle 14 months and over	50			
Water Buffalo 0 to 6 months	13.5			
Sheep over 60kg	11.9			
Sheep under 60kg	7.6			
Rams	9			
Lambs 0 to 8 months	n/a			
Lambs 9 to 12 months	0.7			
Boars 150kg and over	17.5			
Sows and up to 7 piglets (2.3 lactations)	18			
Maiden gilts 66kg and over	11.1			
Weaner pigs 3 to 7.5 weeks	1			
Growing pigs 7.5 to 11 weeks	4.2			
Light cutter pigs 12 to 20 weeks	7.7			
Baconer pigs 12 to 23 weeks, 66kg and over	10.6			
Pullets up to 17 weeks	0.21			
Laying chickens	0.53			
Table bird (chicken) rearing to 35 days	0.0185			
Table bird (chicken) up to 73 days	0.077			
Turkeys male to 140 days	0.51			
Turkeys female to 120 days	0.34			
Geese	0.65			
Duck to 50 days	0.12			
Guinea Fowl	0.65			
Deer breeding hinds	15.2			



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Deer calves and fattening	12			
Goats 6 months and over	15			
Goat kids 0 to 6 months	1.2			
Llama and Alpaca	11			
Horse	21			
Total Nitrogen produced on unit (total of column E) ^Δ				
Total number of in-conversion or organic hectares				
Total Kg Nitrogen produced per hectare				

Imported and applied manure and slurry

Type	F Kg Nitrogen per tonne	G Tonnes imported	H Kg of Nitrogen imported F x G
Farmyard manure	6		
Horse manure	7		
Poultry manure	16 or refer to analysis of manure		
Cattle slurry	n/a	Kg imported =	
Total Kg Nitrogen imported and applied ^{ΔΔ}			

Total Annual Nitrogen Data

Total Kg Nitrogen produced on unit (^Δ above)	
Total Kg Nitrogen imported and applied to unit (^{ΔΔ} above)	
Total number of in-conversion or organic hectares	
Annual total Kg Nitrogen applied per hectare	