

OF&G INSPECTION AND CERTIFICATION CONTROL MANUAL

Record Sheet 22 - Nitrogen/Livestock Calculation Sheet

Producer			Holding					
Stock	Age Range or average	Body Weight	A. No Stock = 170Kg N	B. Kg/ animal	C. No. animals	D. No. crops / year	E. Kg N = BxCxD	
Dairy cow		650	1.5	116				
Dairy cow		550	1.8	96				
Dairy cow		450	2.2	76				
Dairy heifer	>2 years	500	2.9	58				
Beef suckler cow	2 years	500	2.9	58				
Calf	0-6 months	100	24	7				
Grower fattener	6-12 months	180	14	12				
Grower fattener	12-24 months	400	3.6	47				
Grower fattener	>2 years	500	2.9	58				
Adult ewes/rams	> 1 year	50-70	19	9				
Lambs	0-6 months	4-40	140	1.2				
Lambs - fattener	6-12 months	30-50	53	3.2				
Maiden gilts		90-130	13	13.0				
Boars		130-250	11	16				
Sow & litter - 2.3 lactations	Up to 7 piglets	130-225	9	19.5				
Weaners	3-7.5 weeks	7-18	57	3.0				
Growers	7.5-11 weeks	18-35	28	6.1				
Light cutters	11-20 weeks	35-85	18	9.4				
Baconers	11-23	35-105	16	10.5				
Laying hen		2.2	260	0.66				
Pullet – per crop	17 weeks	1.6	1360	0.125				
Broilers – per crop	73 days	2.2	2667	0.075				
Turkey – male/crop	140 days	13.5	257	0.66				
Turkey – female/crop	120 days	6.5	628	0.27				
Duck/crop	50 days	3.4	1133	0.15				
Rabbit – breeding			100	1.7				
Horse	>6 months		2.0	85.0				
1. Total Kg Nitrogen Produced			(Sum of column D)					
2. Total number of hectares registered as O, C1 & C2 on holding								
3. Total Kg Nitrogen applied per hectare per year			(Divide 1. by 2.)					
To Calculate Nitrogen for Brought-in Manures (Complete only if applying to bring in Manure)								
Manure			Kg N/tonne		No. Tonnes		Kg N	
Poultry Manure Deep Litter			16.00					
Farm Yard Manure			6.00					
Stable Manure			7.00					
4. Total Nitrogen Brought-in as Manure								
5. Total Nitrogen Applied to Registered Holding			(Sum of 1. & 4.)					
6. Total Kg Nitrogen Applied per Hectare/Year (Max Permitted = 170) (Divide 5. by 2.)								