



Metric/ Imperial Conversion Tables

Cwt/ acre	Kg/ acre (*50.9)	Kg/ha (*2.47)	34.5N Kg/ha	46N Kg/ha	Units/ acre	Kg/ha (*1.25)	Units/acre	Kg/ha (*1.25)
0.5	25.45	62.86	21.68		20	25	200	250
1	50.9	125.7	43.36	57.8	40	50	220	275
1.5	76.35	188.6	65.10	86.7	60	75	240	300
2	101.8	251.4	86.73	115.6	80	100	260	325
2.5	127.25	314.3	108.43	144.5	100	125	280	350
3	152.7	377.2	130.13	173.5	120	150	300	375
3.5	178.15	440.0	151.80	202.4	140	175	320	400
4	203.6	501.4	172.98	230.6	160	200	340	425
4.5	229.05	565.8	195.18	260.3	180	225	360	450

Metric	Imperial
1 tonne	1.0166 tones (20cwt)
1 hectare (ha)	2.47 acre
1 tonne/ha	0.4tons/acre
1kg/ha	0.8units/acre
1kg/ tonne	2 units/ton
1M	40 inches
1M ³ (1001)	220 gallons
1M ³ /ha	90 gallons/acre

Metric	Imperial
1 ton (20 cwt)	0.984 tonne
1 acre	0.405 hectare
1 ton/acre	2.5 tonnes/ha
1 unit/ acre	1.25kgs/ ha
1 unit/ ton	0.5kg/ tonne
1 yard	0.914m
1 gallon	0.0045m ³ (4.541)
Gallon/ acre	0.111m ³ /ha

Units date back to acres and imperial tonnes, each tonne consisting of 20 hundredweights (cwt). Fertilisers came in 1 cwt bags with the analysis on the bag- for example 20 – 10 – 10. To facilitate the simple calculation of application rates on the farm, the Unit system was introduced, where 1 unit = 1% of 1 cwt. Therefore a bag of 20 – 10 – 10 contained 20 units of N.