

## CONVERSION FACTORS

Area			Weight		
1 ha	=	2.47100 acres	1 metric tonne	=	2204.7 pounds
	=	100 x 100 sq m		=	0.98421 long ton
1 acre	=	0.40468 ha		=	1.10231 short ton
	=	4840 sq yd		=	1000 kg
	=	43.560 sq ft	1 q	=	10 q
	=	0.00156 sq miles	1 long ton	=	100 kg
1 sq mile	=	640 acres	1 short ton	=	2.240 pounds
	=	259 ha	=	1.01605 metric tons	
	=	2.59 sq kms	1 kg	=	2.000 pounds
1 sq kilometer	=	0.3861 sq miles	1 pound	=	0.90781 metric ton
100 sq ft	=	9.290 sq m	1 ounce	=	2.20462 pounds
10 Marlas	=	0.0253 ha	1 ounce	=	0.45359 kg
10 Bighas	=	0.8440 ha	1 mound	=	0.0283 kg or 28.35 gm
	=	2.0830 acre		=	16 ounce = 1 pound
10 Biswas	=	0.0420 ha	<b>Distance</b>		
20 Biswas	=	1 Bigha	1 mile	=	8 furlongs or 1760 yards or 5280 ft
20 Biswani	=	1 Biswa		=	1.609 km
4.8 Bighas	=	1 acre		=	1609.344 m
640 acre	=	1 sq mile	1 furlong	=	220 yards
10 Kanals	=	0.5058 ha		=	660 ft
1 Kanal	=	20 Marla		=	0.201168 km
<b>Yield</b>				=	201.168 m
100 kg per ha	=	1.4869 bushels (60 lb) per acre	1 km	=	0.125 mile
1 bushel (60 lb) per acre	=	67.253 kg per ha		=	5/8 mile = 0.6214 mile
1 kg per ha	=	0.892169 lb per acre		=	3280.84 ft
1 lb per acre	=	1.120864 kg per ha		=	1000 m
<b>Energy</b>			1 meter	=	1093.613 yards
1 BTU	=	251.9958 calorie		=	1.0936 yards
	=	0.0003930148 horse power-hour	=	3.28089 ft	
	=	1055.056 Joule	1 inch	=	100 cm
	=	0.0002930711 kilo watt-hour		=	25.4 mm
1 calorie	=	0.2930711 watt hour	1 foot	=	2.54 cm
	=	0.003968321 BTU		=	30.48 cm
	=	4.1868 Joule	1 yard	=	0.3048 m
=	0.001163 watt-hour	=		91.44 cm	
				=	0.9144 m

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Atmosphere to lbs per sq inch	14.73
British thermal unit to kilo calorie	0.252
Cubic centimeter to cubic inch	0.061103
Cubic feet to cubic metre	0.02832
Cubic feet to gallons	6.228
Cubic inch to litre	0.01639
Cubic metre to cubic yard	1.308
Foot lbs per second to horse power	0.001818
Foot lbs to kilogram metre	0.1383
U.S. Gallons to litre	3.785
Barrels to gallons	42.00
Grams to ounces	0.03527
Grams to lbs	0.002205
Horse power to kWatts	0.746

**Source** : *Fertiliser Statistics, 2022-23*, The Fertiliser Association of India, New Delhi.