

Conversion Chart for Vegetation Hoops

Convert Grams Clipped into Pounds/Acre or Kilograms/Hectare

Hoop Size (Feet Squared)	Conversion Formula (English)	Conversion Formula (Metric)
19.2	g/hoop * 5 = lbs/acre	g/hoop * 5.61 = kg/ha
9.6	g/hoop * 10 = lbs/acre	g/hoop * 11.21 = kg/ha
4.8	g/hoop * 20 = lbs/acre	g/hoop * 22.42 = kg/ha
2.4	g/hoop * 40 = lbs/acre	g/hoop * 44.85 = kg/ha
1.2	g/hoop * 80 = lbs/acre	g/hoop * 89.70 = kg/ha
0.6	g/hoop * 160 = lbs/acre	g/hoop * 179.39 = kg/ha

Hoop Size (Meters Squared)	Conversion Formula (English)	Conversion Formula (Metric)
2	g/hoop * 4.46 = lbs/acre	g/hoop * 5 = kg/ha
1.5	g/hoop * 5.95 = lbs/acre	g/hoop * 6.67 = kg/ha
1	g/hoop * 8.93 = lbs/acre	g/hoop * 10 = kg/ha
0.5	g/hoop * 17.86 = lbs/acre	g/hoop * 20 = kg/ha
0.25	g/hoop * 35.71 = lbs/acre	g/hoop * 40 = kg/ha
0.1	g/hoop * 89.29 = lbs/acre	g/hoop * 100 = kg/ha

Conversions:

1 Acre = 43,560 Square Feet	1 Square Foot = .093 Square Meters	1 Hectare = 2.47 Acres
1 Foot = 0.3048 Meters	1 Square Meter = 10.76 Square Feet	1 Acre = 4047 Square Meters
1 Meter = 3.281 Feet		1 Acre = 0.405 Hectares
1 Pound = 454 Grams	1 Kilogram = 2.20 Pounds	1kg/hectare = .89 pound/acre
1 Pound = 0.45 Kilograms	1 Kilogram = 1,000 Grams	1 pound/acre = 1.12 kg/hectare

Use marks on hoops to delineate 1/4 of area

Use smaller hoops for estimate aids

2.4 SF hoop is 1/4 of 9.6 SF or 25%

1.2 is 1/8 of 9.6 (1/2 of 1/4) or 12.5%

0.6 is 1/16 of 9.6 (1/4 of 1/4) or 6.25%

Use 1 and 2% hoops to aid in estimation of smaller amounts

Example: 100 grams clipped in a 9.6 Sf hoop equals production of 1000 pounds per acre

We Count Grass...and a whole lot more.

www.countgrass.com

406 388 9378

