

Frames/Hoops for Production and Cover

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Hoop Size (Feet Squared)	Area 2 Percent Hoop (Feet Squared)	Area 1 Percent Hoop (Feet Squared)	Conversion Factor (American)	Conversion Formula (American)	Conversion Factor (Metric)	Conversion Formula (Metric)	Price Clear	Price Color
19.2	0.38	0.19	5.00	g/hoop * 5 = lbs/acre	5.61	g/hoop * 5.61 = kg/ha	\$ 27.50	\$ 31.50
9.6	0.19	0.10	10.00	g/hoop * 10 = lbs/acre	11.21	g/hoop * 11.21 = kg/ha	\$ 22.50	\$ 25.00
4.8	0.10	0.05	20.01	g/hoop * 20 = lbs/acre	22.42	g/hoop * 22.42 = kg/ha	\$ 22.50	\$ 25.00
2.4	0.05	0.02	40.01	g/hoop * 40 = lbs/acre	44.85	g/hoop * 44.85 = kg/ha	\$ 20.00	\$ 22.50
1.92	0.04	0.02	50.02	g/hoop * 50 = lbs/acre	56.06	g/hoop * 56.06 = kg/ha	\$ 20.00	\$ 22.50
1.2	0.02	0.01	80.03	g/hoop * 80 = lbs/acre	89.70	g/hoop * 89.70 = kg/ha	\$ 20.00	\$ 22.50
0.96	0.02	0.01	100.03	g/hoop * 100 = lbs/acre	112.12		\$ 20.00	\$ 22.50
0.6	0.01	0.01	160.05	g/hoop * 160 = lbs/acre	179.39	g/hoop * 179.39 = kg/ha	\$ 20.00	\$ 22.50
0.48	0.01	0.00	200.07	g/hoop * 200 = lbs/acre	224.24		\$ 10.00	\$ 12.00
0.384	0.01	0.00	250.08	g/hoop * 250 = lbs/acre	280.30		\$ 10.00	\$ 12.00
0.192	0.00	0.00	500.17	g/hoop * 500 = lbs/acre	560.60		\$ 5.00	\$ 7.00
0.096	0.00	0.00	1000.33	g/hoop * 1000 = lbs/acre	1121.208333	g/hoop * 1121.21 = kg/ha	\$ 5.00	\$ 7.00
0.048	0.00	0.00	2000.66	g/hoop * 2000 = lbs/acre	2242.416667	g/hoop * 2242.42 = kg/ha	\$ 5.00	\$ 7.00

Hoop Size (Meters Squared)	Area 2 Percent Hoop (Meters Squared)	Area 1 Percent Hoop (Meters Squared)	Conversion Factor (American)	Conversion Formula (American)	Conversion Factor (Metric)	Conversion Formula (Metric)	Price Clear	Price Color
2	0.04	0.0200	4.46	g/hoop * 4.46 = lbs/acre	5.00	g/hoop * 5 = kg/ha	\$ 22.50	\$ 25.00
1.5	0.03	0.0150	5.95	g/hoop * 5.95 = lbs/acre	6.67	g/hoop * 6.67 = kg/ha	\$ 22.50	\$ 25.00
1	0.02	0.0100	8.93	g/hoop * 8.93 = lbs/acre	10.00	g/hoop * 10 = kg/ha	\$ 22.50	\$ 25.00
0.5	0.01	0.0050	17.86	g/hoop * 17.86 = lbs/acre	20.00	g/hoop * 20 = kg/ha	\$ 20.00	\$ 22.50
0.25	0.01	0.0025	35.71	g/hoop * 35.71 = lbs/acre	40.00	g/hoop * 40 = kg/ha	\$ 20.00	\$ 22.50
0.1	0.00	0.0010	89.29	g/hoop * 89.29 = lbs/acre	100.00	g/hoop * 100 = kg/ha	\$ 20.00	\$ 22.50
0.05	0.00	0.0005	178.57	g/hoop * 89.29 = lbs/acre	200.00	g/hoop * 100 = kg/ha	\$ 5.00	\$ 7.00
0.025	0.00	0.0003	357.14	g/hoop * 89.29 = lbs/acre	400.00	g/hoop * 100 = kg/ha	\$ 5.00	\$ 7.00
0.01	0.00	0.0001	892.86	g/hoop * 89.29 = lbs/acre	1000.00	g/hoop * 100 = kg/ha	\$ 5.00	\$ 7.00

Conversions:

1 Acre = 43,560 Square Feet
1 Foot = 0.3048 Meters

1 Square Foot = .093 Square Meters
1 Square Meter = 10.76 Square Feet

1 Meter = 3.281 Feet
1 Pound = 454 Grams
1 Pound = 0.45 Kilograms

1 Kilogram = 2.20 Pounds
1 Kilogram = 1,000 Grams

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