Drill Calibration Sheet

Row Spacing "in"	7
Distance Collected "ft"	100
lbs/A desired	1

Calculations

Area per row Acre	0.0013
ounces to collect/lb	0.0214
grams to collect/lb	0.608

Chart for different wts.

7" Drill Amount Collected

lbs/A	Per Row Collection oz/100ft	g/100ft
10	0.21	6.1
15	0.32	9.1
20	0.43	12.2
25	0.54	15.2
30	0.64	18.2
35	0.75	21.3
40	0.86	24.3
45	0.96	27.4
50	1.07	30.4
55	1.18	33.4
60	1.29	36.5
65	1.39	39.5
70	1.50	42.6
75	1.61	45.6
80	1.71	48.6
85	1.82	51.7
90	1.93	54.7
95	2.04	57.8
100	2.14	60.8

Row Spacing "in"	7.5
Distance Collected "	100
lbs/A desired	1

Calculations

Area per row Acre	0.001435
ounces to collect/lb	0.022957
grams to collect/lb	0.6514

7.5" Drill Amount Collected

lbs/A	Per Row Collection oz/100ft	g/100ft
10	0.23	6.5
15	0.34	9.8
20	0.46	13.0
25	0.57	16.3
30	0.69	19.5
35	0.80	22.8
40	0.92	26.1
45	1.03	29.3
50	1.15	32.6
55	1.26	35.8
60	1.38	39.1
65	1.49	42.3
70	1.61	45.6
75	1.72	48.9
80	1.84	52.1
85	1.95	55.4
90	2.07	58.6
95	2.18	61.9
100	2.30	65.1

For other widths simply mulitply the number in the 7" columns (oz or grams) for the desired rate by your row width in inches and divide by 7"

Example 1: Need 25 lbs per acre seeding rate and have a **gram scale**.
Have a new drill with 5.5" row spacing.
15.2 grams X 5.5" / 7" = **11.9 grams**

Example 2: Need 25 lbs per acre seeding rate and have a **Oz scale**.
Have a packer seeder 10 ft and will collect all 10 ft.
0.54 Oz X 120" / 7" = **9.3 Oz**

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