

Root Ball Size & Weight Information

Plants sold by caliper

Caliper Size	Root Ball Size	Weight
2-2.5"	24-28"	400
2.5-3"	28-32"	650
3-3.5"	32-36"	850
3.5-4"	36-40"	1200
4-4.5"	40-45"	1500
4.5-5"	50-55"	2500
5-5.5"	55-62"	3000
5.5-6"	62-66"	4000
6-7"	66-72"	5000-6000
7-8"	72-76"	6000
8-10"	84-90"	7000-8000
10"	90"	8000

Plants sold by height

Plant Height	Root Ball Size	Weight
6-7'	24"	400
7-8'	28"	650
8-10'	34"	850
10-12'	38"	1200
12-14'	44"	1500
14-16'	52"	2500
16-18'	60"	3000
18-20'	72"	6000

LIFTING CAPACITIES

Bobcat Skidsteers

Model #	Lifting Capacity
MT52	520
MT55	550
S70	700
S100	1000
S130	1300
S150	1500
S160	1600
S175	1750
S185	1850
S205	2050
S220	2200
S250	2500
S300	3000
S330	3300
T140	1400
T180	1800
T190	1900
T250	2500
T300	3000
T320	3100
A300	3000

John Deere Skidsteers

Model #	Lifting Capacity
313	1260
315	1500
317	1750
320	1950
325	2500
328	2750
332	3175

New Holland Skidsteers

Model #	Lifting Capacity
L120	600
L125	700
L150	1350
L160	1600
L170	1765
L175	2000
L180	2200
L185	2500
L190	2800
C175	200
C185	2500
C190	2800

GROUNDCOVER SPACING GUIDE

Total Sq. Foot to cover	4"	6"	8"	10"	12"	15"	18"	24"	36"
50	450	200	113	72	50	32	22	13	5
100	900	400	225	144	100	64	44	25	11
150	1,350	600	338	216	150	96	66	38	17
200	1,800	800	450	288	200	128	88	50	22
250	2,250	1,000	563	360	250	160	110	63	28
300	2,700	1,200	675	432	300	192	132	75	33
400	3,600	1,600	900	576	400	256	176	100	44
500	4,500	2,000	1,125	720	500	320	220	125	56
600	5,400	2,400	1,350	864	600	384	264	150	66
700	6,300	2,800	1,575	1,008	700	448	308	175	77
800	7,200	3,200	1,800	1,152	800	512	352	200	88
900	8,100	3,600	2,025	1,296	900	576	396	225	99
1,000	9,000	4,000	2,250	1,440	1,000	640	440	250	111

Example: To cover 100 square feet requires 400 plants at 6" on center or only 100 plants at 12" on center.

Preferred Spacing	Multiplier
5"	5.78
6"	4.00
7"	2.94
8"	2.29
9"	1.77
10"	1.45
11"	1.18
12"	1.00
13"	0.86
14"	0.74
15"	0.64
16"	0.56
17"	0.50
18"	0.44
24"	0.25
30"	0.16
36"	0.11
42"	0.08

Square Footage x Multiplier = number of plants needed