Concrete bags per yard, and slab chart

Premixed bags per cubic yard by bag size, and cubic yards and 80 lb bags for common slabs with 10% waste.

Bags of premixed concrete in one cubic yard

Bag	Yield per bag	Bags per cubic yard	With 10% waste
80 lb	0.6 cu ft	45	50 (49.5)
60 lb	0.45 cu ft	60	66
40 lb	0.3 cu ft	90	99

One cubic yard is 27 cubic feet. Bags = 27 ÷ the bag's yield, rounded up to whole bags; the exact figure is in brackets when it isn't whole.

Concrete for a slab: cubic yards and 80 lb bags, with 10% waste

Slab	4" thick: cu yd	4" thick: 80 lb bags	6" thick: cu yd	6" thick: 80 lb bags
8' × 8'	0.87	40	1.3	59
10' × 10'	1.36	62	2.04	92
10' × 12'	1.63	74	2.44	110
12' × 12'	1.96	88	2.93	132
12' × 16'	2.61	118	3.91	176
10' × 20'	2.72	123	4.07	184
12' × 20'	3.26	147	4.89	220
16' × 16'	3.48	157	5.21	235
20' × 20'	5.43	245	8.15	367
24' × 24'	7.82	352	11.73	528

Volume = length × width × thickness × 1.1 (the app's default 10% waste), in cubic yards to 2 places; bags = cubic feet ÷ 0.6, rounded up.