

GRAVEL SPREAD CHART

TRUCK CAPACITY IN CUBIC YARDS

	10	12	14	16	18	20	22	24	26
400	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2
500	105.6	126.72	147.84	168.96	190.08	211.2	232.32	253.44	274.56
600	88	105.6	123.2	140.8	158.4	176	193.6	211.2	228.8
700	75.429	90.514	105.6	120.69	135.77	150.86	165.94	181.03	196.11
800	66	79.2	92.4	105.6	118.8	132	145.2	158.4	171.6
900	58.667	70.4	82.133	93.867	105.6	117.33	129.07	140.8	152.53
1000	52.8	63.36	73.92	84.48	95.04	105.6	116.16	126.72	137.28
1100	48	57.6	67.2	76.8	86.4	96	105.6	115.2	124.8
1200	44	52.8	61.6	70.4	79.2	88	96.8	105.6	114.4
1300	40.615	48.738	56.862	64.985	73.108	81.231	89.354	97.477	105.6
1400	37.714	45.257	52.8	60.343	67.886	75.429	82.971	90.514	98.057
1500	35.2	42.24	49.28	56.32	63.36	70.4	77.44	84.48	91.52
2000	26.4	31.68	36.96	42.24	47.52	52.8	58.08	63.36	68.64
2500	21.12	25.344	29.568	33.792	38.016	42.24	46.464	50.688	54.912
3000	17.6	21.12	24.64	28.16	31.68	35.2	38.72	42.24	45.76
3500	15.086	18.103	21.12	24.137	27.154	30.171	33.189	36.206	39.223
4000	13.2	15.84	18.48	21.12	23.76	26.4	29.04	31.68	34.32
4500	11.733	14.08	16.427	18.773	21.12	23.467	25.813	28.16	30.507
5000	10.56	12.672	14.784	16.896	19.008	21.12	23.232	25.344	27.456
5500	9.6	11.52	13.44	15.36	17.28	19.2	21.12	23.04	24.96
6000	8.8	10.56	12.32	14.08	15.84	17.6	19.36	21.12	22.88
6500	8.1231	9.7477	11.372	12.997	14.622	16.246	17.871	19.495	21.12
7000	7.5429	9.0514	10.56	12.069	13.577	15.086	16.594	18.103	19.611
7500	7.04	8.448	9.856	11.264	12.672	14.08	15.488	16.896	18.304
8000	6.6	7.92	9.24	10.56	11.88	13.2	14.52	15.84	17.16

CUBIC YARDS PER MILE

Note: To calculate the exact spread divide 5280 by the Cubic Yards per mile and multiply by the truck capacity in cubic yards.

CUBIC YARDS PER MILE

Width of the roadway in feet

Compacted depth of material in	12	14	16	18	20	22	24	26	28	30	
	1	244.44	285.19	325.93	366.67	407.41	448.15	488.89	529.63	570.37	611.11
	1.5	366.67	427.78	488.89	550	611.11	672.22	733.33	794.44	855.56	916.67
	2	488.89	570.37	651.85	733.33	814.81	896.3	977.78	1059.3	1140.7	1222.2
	2.5	611.11	712.96	814.81	916.67	1018.5	1120.4	1222.2	1324.1	1425.9	1527.8
	3	733.33	855.56	977.78	1100	1222.2	1344.4	1466.7	1588.9	1711.1	1833.3
	3.5	855.56	998.15	1140.7	1283.3	1425.9	1568.5	1711.1	1853.7	1996.3	2138.9
	4	977.78	1140.7	1303.7	1466.7	1629.6	1792.6	1955.6	2118.5	2281.5	2444.4
	4.5	1100	1283.3	1466.7	1650	1833.3	2016.7	2200	2383.3	2566.7	2750
	5	1222.2	1425.9	1629.6	1833.3	2037	2240.7	2444.4	2648.1	2851.9	3055.6
	5.5	1344.4	1568.5	1792.6	2016.7	2240.7	2464.8	2688.9	2913	3137	3361.1
	6	1466.7	1711.1	1955.6	2200	2444.4	2688.9	2933.3	3177.8	3422.2	3666.7
6.5	1588.9	1853.7	2118.5	2383.3	2648.1	2913	3177.8	3442.6	3707.4	3972.2	
7	1711.1	1996.3	2281.5	2566.7	2851.9	3137	3422.2	3707.4	3992.6	4277.8	
7.5	1833.3	2138.9	2444.4	2750	3055.6	3361.1	3666.7	3972.2	4277.8	4583.3	
8	1955.6	2281.5	2607.4	2933.3	3259.3	3585.2	3911.1	4237	4563	4888.9	
8.5	2077.8	2424.1	2770.4	3116.7	3463	3809.3	4155.6	4501.9	4848.1	5194.4	
9	2200	2566.7	2933.3	3300	3666.7	4033.3	4400	4766.7	5133.3	5500	
9.5	2322.2	2709.3	3096.3	3483.3	3870.4	4257.4	4644.4	5031.5	5418.5	5805.6	
10	2444.4	2851.9	3259.3	3666.7	4074.1	4481.5	4888.9	5296.3	5703.7	6111.1	
10.5	2566.7	2994.4	3422.2	3850	4277.8	4705.6	5133.3	5561.1	5988.9	6416.7	
11	2688.9	3137	3585.2	4033.3	4481.5	4929.6	5377.8	5825.9	6274.1	6722.2	
11.5	2811.1	3279.6	3748.1	4216.7	4685.2	5153.7	5622.2	6090.7	6559.3	7027.8	
12	2933.3	3422.2	3911.1	4400	4888.9	5377.8	5866.7	6355.6	6844.4	7333.3	

Note: To convert cubic yards to tons multiply the yards by 1.4 (this is approximate)

This chart uses a compaction factor of 25%.