

## Mulch & Soil Council Maximum Allowable Variation (MAV) Chart

All measure readings must be at eye level!

Measure Used	Package Size	Cu In	MAV @ 5% (Cu In)	Minimum Readable Unit	Volume/Unit Readability	# Readable Units for MAV (Rnd Up)	MAV Limit (in inches)	Stated Quantity	<b>**Package FAILS If you can see the mark =</b>
<b>3 CF Measure*</b>									
9" x 16" x 39"	3 cf	5184	259.2	1/2 in	72 cu in	3.60	= 2 in	36 in	33.5 in
<b>2CF Measure*</b>									
9" x 16" x 27"	2 cf	3456	172.8	1/2 in	72 cu in	2.40	=1.5 in	24 in	22 in
9" x 16" x 27"	50 qt/1.94 cf	3360	168	1/2 in	72 cu in	2.33	= 1.5 in	23.5 in	21.5
9" x 16" x 27"	40 qt/1.55 cf	2688	134.4	1/2 in	72 cu in	1.87	= 1 in	18.5 in	17 in
9" x 16" x 27"	1.5 cf	2592	129.6	1/2 in	72 cu in	1.80	= 1 in	18 in	16.5 in
9" x 16" x 27"	36 qt/1.4 cf	2419.2	120.96	1/2 in	72 cu in	1.68	= 1 in	16.5 in	15 in
9" x 16" x 27"	1.3 cf	2246.4	112.32	1/2 in	72 cu in	1.56	= 1 in	15.5 in	14 in
9" x 16" x 27"	32 qt/ 1.24 cf	2150.4	107.52	1/2 in	72 cu in	1.49	= 1 in	14.5 in	13 in
<b>1 CF Measure*</b>									
9" x 16" x 14"	26 qt/1.01 cf	1747.2	87.36	1/2 in	72 cu in	1.21	= 1 in	12 in	10.5 in
9" x 16" x 14"	1 cf / 25.7 qt	1728	86.4	1/2 in	72 cu in	1.20	= 1 in	12 in	10.5 in
9" x 16" x 14"	0.75 cf	1296	64.8	1/2 in	72 cu in	0.90	= 1/2 in	9 in	8 in
9" x 16" x 14"	0.50 cf	864	43.2	1/2 in	72 cu in	0.60	= 1/2 in	6 in	5 in
<b>&lt;1CF Measure</b>									
8" x 8.4" x 29"	25 qt	1680	84	1/2 in	33.6 cu in	2.50	= 1.5 in	25 in	23 in
8" x 8.4" x 29"	16 qt	1075.2	53.76	1/2 in	33.6 cu in	1.60	= 1 in	16 in	14.5 in
8" x 8.4" x 29"	14 qt	940.8	47.04	1/2 in	33.6 cu in	1.40	= 1 in	14 in	13.5 in
8" x 8.4" x 29"	10 qt	672	33.6	1/2 in	33.6 cu in	1.00	= 1/2 in	10 in	9 in
8" x 8.4" x 29"	8 qt	537.6	26.88	1/2 in	33.6 cu in	0.80	= 1/2 in	8 in	7 in
8" x 8.4" x 29"	6 qt	403.2	20.16	1/2 in	33.6 cu in	0.60	= 1/2 in	6 in	5 in
8" x 8.4" x 29"	4 qt	268.8	13.44	1/2 in	33.6 cu in	0.40	= 1/2 in	4 in	3 in

\*May substitute 12" x 12" for 9" x 16" but not recommended.

\*\*Readings round UP to nearest half inch.