



**EarthGuard (Pre-Packaged) Fiber Matrix Loading Chart: Normal Conditions Maximum Rainfall of < 20"**

Typical Hydroseeder Tank Sizes (gal)	Slope		≤6:1		5:1		4:1		3:1		2:1		1½:1		1:1	
	EarthGuard Fiber Matrix		Coverage		Coverage		Coverage		Coverage		Coverage		Coverage		Coverage	
	(50 lb bags)	(lb)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)
250	2	100	2,900	0.07	2,900	0.07	2,900	0.07	2,420	0.06	2,180	0.05	1,740	0.04	1,450	0.03
----	3	150	4,360	0.10	4,360	0.10	4,360	0.10	3,630	0.08	3,270	0.08	2,610	0.06	2,180	0.05
500	4	200	5,810	0.13	5,810	0.13	5,810	0.13	4,840	0.11	4,360	0.10	3,480	0.08	2,900	0.07
----	5	250	7,260	0.17	7,260	0.17	7,260	0.17	6,050	0.14	5,450	0.13	4,360	0.10	3,630	0.08
750	6	300	8,710	0.20	8,710	0.20	8,710	0.20	7,260	0.17	6,530	0.15	5,230	0.12	4,360	0.10
----	7	350	10,160	0.23	10,160	0.23	10,160	0.23	8,470	0.19	7,620	0.17	6,100	0.14	5,080	0.12
1000	8	400	11,620	0.27	11,620	0.27	11,620	0.27	9,680	0.22	8,710	0.20	6,970	0.16	5,810	0.13
----	9	450	13,070	0.30	13,070	0.30	13,070	0.30	10,890	0.25	9,800	0.22	7,840	0.18	6,530	0.15
----	10	500	14,520	0.33	14,520	0.33	14,520	0.33	12,100	0.28	10,890	0.25	8,710	0.20	7,260	0.17
----	11	550	15,970	0.37	15,970	0.37	15,970	0.37	13,310	0.31	11,980	0.28	9,580	0.22	7,990	0.18
1500	12	600	17,420	0.40	17,420	0.40	17,420	0.40	14,520	0.33	13,070	0.30	10,450	0.24	8,710	0.20
----	13	650	18,880	0.43	18,880	0.43	18,880	0.43	15,730	0.36	14,160	0.33	11,330	0.26	9,440	0.22
----	14	700	20,330	0.47	20,330	0.47	20,330	0.47	16,940	0.39	15,250	0.35	12,200	0.28	10,160	0.23
----	15	750	21,780	0.50	21,780	0.50	21,780	0.50	18,150	0.42	16,340	0.38	13,070	0.30	10,890	0.25
----	16	800	23,230	0.53	23,230	0.53	23,230	0.53	19,360	0.44	17,420	0.40	13,940	0.32	11,620	0.27
----	17	850	24,680	0.57	24,680	0.57	24,680	0.57	20,570	0.47	18,510	0.42	14,810	0.34	12,340	0.28
----	18	900	26,140	0.60	26,140	0.60	26,140	0.60	21,780	0.50	19,600	0.45	15,680	0.36	13,070	0.30
----	19	950	27,590	0.63	27,590	0.63	27,590	0.63	22,990	0.53	20,690	0.47	16,550	0.38	13,790	0.32
2500	20	1000	29,040	0.67	29,040	0.67	29,040	0.67	24,200	0.56	21,780	0.50	17,420	0.40	14,520	0.33
----	21	1050	30,490	0.70	30,490	0.70	30,490	0.70	25,410	0.58	22,870	0.53	18,300	0.42	15,250	0.35
----	22	1100	31,940	0.73	31,940	0.73	31,940	0.73	26,620	0.61	23,960	0.55	19,170	0.44	15,970	0.37
----	23	1150	33,400	0.77	33,400	0.77	33,400	0.77	27,830	0.64	25,050	0.58	20,040	0.46	16,700	0.38
3000	24	1200	34,850	0.80	34,850	0.80	34,850	0.80	29,040	0.67	26,140	0.60	20,910	0.48	17,420	0.40
----	25	1250	36,300	0.83	36,300	0.83	36,300	0.83	30,250	0.69	27,230	0.63	21,780	0.50	18,150	0.42
----	26	1300	37,750	0.87	37,750	0.87	37,750	0.87	31,460	0.72	28,310	0.65	22,650	0.52	18,880	0.43
----	27	1350	39,200	0.90	39,200	0.90	39,200	0.90	32,670	0.75	29,400	0.67	23,520	0.54	19,600	0.45
3500	28	1400	40,660	0.93	40,660	0.93	40,660	0.93	33,880	0.78	30,490	0.70	24,390	0.56	20,330	0.47
----	29	1450	42,110	0.97	42,110	0.97	42,110	0.97	35,090	0.81	31,580	0.72	25,260	0.58	21,050	0.48
----	30	1500	43,560	1.00	43,560	1.00	43,560	1.00	36,300	0.83	32,670	0.75	26,140	0.60	21,780	0.50
----	31	1550	45,010	1.03	45,010	1.03	45,010	1.03	37,510	0.86	33,760	0.78	27,010	0.62	22,510	0.52
4000	32	1600	46,460	1.07	46,460	1.07	46,460	1.07	38,720	0.89	34,850	0.80	27,880	0.64	23,230	0.53
----	33	1650	47,920	1.10	47,920	1.10	47,920	1.10	39,930	0.92	35,940	0.83	28,750	0.66	23,960	0.55
----	34	1700	49,370	1.13	49,370	1.13	49,370	1.13	41,140	0.94	37,030	0.85	29,620	0.68	24,680	0.57
----	35	1750	50,820	1.17	50,820	1.17	50,820	1.17	42,350	0.97	38,120	0.88	30,490	0.70	25,410	0.58
----	36	1800	52,270	1.20	52,270	1.20	52,270	1.20	43,560	1.00	39,200	0.90	31,360	0.72	26,140	0.60
----	37	1850	53,720	1.23	53,720	1.23	53,720	1.23	44,770	1.03	40,290	0.92	32,230	0.74	26,860	0.62
----	38	1900	55,180	1.27	55,180	1.27	55,180	1.27	45,980	1.06	41,380	0.95	33,110	0.76	27,590	0.63
----	39	1950	56,630	1.30	56,630	1.30	56,630	1.30	47,190	1.08	42,470	0.97	33,980	0.78	28,310	0.65
----	40	2000	58,080	1.33	58,080	1.33	58,080	1.33	48,400	1.11	43,560	1.00	34,850	0.80	29,040	0.67



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Normal Conditions Maximum Rainfall of < 20"**

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	(50 lb bags)	(lb)	(sq ft)	(ac)	(sq ft)	(ac)	(sq ft)	(ac)
250	2	100	2,180	0.05	1,740	0.04	1,450	0.03
----	3	150	3,270	0.08	2,610	0.06	2,180	0.05
500	4	200	4,360	0.10	3,480	0.08	2,900	0.07
----	5	250	5,450	0.13	4,360	0.10	3,630	0.08
750	6	300	6,530	0.15	5,230	0.12	4,360	0.10
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1000	8	400	8,710	0.20	6,970	0.16	5,810	0.13
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----	10	500	10,890	0.25	8,710	0.20	7,260	0.17
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1500	12	600	13,070	0.30	10,450	0.24	8,710	0.20
----	13	650	14,160	0.33	11,330	0.26	9,440	0.22
----	14	700	15,250	0.35	12,200	0.28	10,160	0.23
----	15	750	16,340	0.38	13,070	0.30	10,890	0.25
----	16	800	17,420	0.40	13,940	0.32	11,620	0.27
----	17	850	18,510	0.42	14,810	0.34	12,340	0.28
----	18	900	19,600	0.45	15,680	0.36	13,070	0.30
----	19	950	20,690	0.47	16,550	0.38	13,790	0.32
2500	20	1000	21,780	0.50	17,420	0.40	14,520	0.33
----	21	1050	22,870	0.53	18,300	0.42	15,250	0.35
----	22	1100	23,960	0.55	19,170	0.44	15,970	0.37
----	23	1150	25,050	0.58	20,040	0.46	16,700	0.38
3000	24	1200	26,140	0.60	20,910	0.48	17,420	0.40
----	25	1250	27,230	0.63	21,780	0.50	18,150	0.42
----	26	1300	28,310	0.65	22,650	0.52	18,880	0.43
----	27	1350	29,400	0.67	23,520	0.54	19,600	0.45
3500	28	1400	30,490	0.70	24,390	0.56	20,330	0.47
----	29	1450	31,580	0.72	25,260	0.58	21,050	0.48
----	30	1500	32,670	0.75	26,140	0.60	21,780	0.50
----	31	1550	33,760	0.78	27,010	0.62	22,510	0.52
4000	32	1600	34,850	0.80	27,880	0.64	23,230	0.53
----	33	1650	35,940	0.83	28,750	0.66	23,960	0.55
----	34	1700	37,030	0.85	29,620	0.68	24,680	0.57
----	35	1750	38,120	0.88	30,490	0.70	25,410	0.58
----	36	1800	39,200	0.90	31,360	0.72	26,140	0.60
----	37	1850	40,290	0.92	32,230	0.74	26,860	0.62
----	38	1900	41,380	0.95	33,110	0.76	27,590	0.63
----	39	1950	42,470	0.97	33,980	0.78	28,310	0.65
----	40	2000	43,560	1.00	34,850	0.80	29,040	0.67