



Chart for Standard HECP Specification ¹

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This chart is part of a classification system intended as a first step in developing a full HECP specification. The work on the full specification continues amongst the ECTC membership. Please use the information presented with the understanding that this chart does not include all of the information needed for a thorough specification.

Type	Term	Functional Longevity ²	Typical Application Rates (lb/acre)	Typical Maximum Slope Gradient (H:1V)	Maximum Uninterrupted Slope Length (ft)	Maximum C Factor ^{3,4} (3:1 test)	Minimum Vegetation Establishment ⁵
1	Long Term	12 mo	3000 - 4500	≤ 0.5:1	100	0.02	400 %
2	Extended Term	6 mo	2500 - 4000	≤ 1:1	75	0.1	300 %
3	Moderate Term	3 mo	2000 - 3500	≤ 2:1	50	0.15	200 %
4	Short Term	2 mo	2000 - 3000	≤ 3:1	25	0.5	150 %
5	Ultra Short Term	1 mo	1500 - 2500	≤ 4:1	20	0.75	150 %

- This table is for general guidelines only. Refer to manufacturer for application rates, instructions, gradients, maximum continuous slope lengths and other site specific recommendations.*
- A manufacturer's estimated time period, based upon field observations, that a material can be anticipated to provide erosion control as influenced by its composition and site-specific conditions.*
- "C" Factor calculated as ratio of soil loss from HECP protected slope (tested at specified or greater gradient, h:v) to ratio of soil loss from unprotected (control) plot based on in large-scale testing.*
- Acceptable large-scale test methods may include ASTM D 6459, or other independent testing deemed acceptable by the engineer.*
- Minimum Vegetation Establishment is calculated as outlined in ASTM D 7322 being a percentage by dividing the plant mass per area of the protected plot by the plant mass per area of the control plot.*

¹ Please note: This chart is part of a classification system intended as a first step in developing a full HECP specification. The work on the full specification continues amongst the ECTC membership. Please check the www.ectc.org website for updates to this body of work.

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