



Quality Erosion Control Products

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## Area Coverage Per Load For Mat Fiber Mulch in a Hydroseeding Machine

Tank Capacity (in Gallons)	Seed	Fertilizer	Mulch	# of Bags (50 lbs.bags)	Coverage Area (Sq.Ft.)
300	35	35	150	3	4356
500	36	58	250	5	7260
800	58	93	400	8	11,616
1200	140	139	600	12	17424
1500	174	174	750	15	21,780
2500	290	290	1250	25	36,300
3000	349	348	1500	30	43,560

Based on rates-per-acre of 1500 lbs. mulch, 400 lbs. fertilizer, 345 lbs. ( 8 lbs./1000 sq.ft. ) seed.

**Mat Fiber can be mixed at 50 lbs. per  
100 gals. water in most hydroseeders with tower application.**

## To Determine Application Rate

Based on rates in pounds-per-acre. (lbs./acre)

- Multiply **total sq. ft.** to be covered, by desired **mulch rate** in lbs./acre.
- Divide the answer to **A** by **43,560**. (sq.ft. in 1 acre)
- Divide **B** by the number of lbs./ bag = # no. of bags.

### Example:

15,000 sq. ft. x 2,000 lbs./acre = 30,000,000  
 30,000,000 ÷ 43,560 = 688 lbs. mulch  
 688 ÷ 50 lbs./bag = 13.77 bags

### Metric Example:

2000 sq. meters x 2,000 kgs./hectare = 3,400,000  
 3,400,000 ÷ 10,000 = 340 kgs. mulch  
 340 kgs. ÷ 22.6 kgs./bag = 15.04 bags