

DuraVeg® Fibre Matrix™

Loading Chart and Application Guide

Rates are based on product mixing rate of 22.7 kg per 378.5 litres of water (or 6 kg per 100 litres). Always refer to equipment manufacturer's specifications for working capacity of the machine.

TANK SIZE	No. BALES	WEIGHT	DISPLACEMENT	2,800 KG/HA		3,500 KG/HA		5,000 KG/HA	
L (gal)	22.7KG	KG	L	M ²	HA	M ²	HA	M ²	HA
946 (250)	2.5	57	1,060	202	0.020	162	0.016	113	0.011
1,893 (500)	5	113	2,120	405	0.040	324	0.032	227	0.023
2,839 (750)	7.5	170	3,180	607	0.061	486	0.049	340	0.034
3,785 (1,000)	10	227	4,240	810	0.081	648	0.065	454	0.045
5,678 (1,500)	15	340	6,359	1,215	0.121	972	0.097	680	0.068
7,571 (2,000)	20	454	8,479	1,620	0.162	1,296	0.130	907	0.091
9,464 (2,500)	25	567	10,599	2,025	0.202	1,620	0.162	1,134	0.113
11,356 (3,000)	30	680	12,719	2,430	0.243	1,944	0.194	1,361	0.136
13,249 (3,500)	35	794	14,839	2,835	0.283	2,268	0.227	1,588	0.159
15,142 (4,000)	40	907	16,959	3,240	0.324	2,592	0.259	1,814	0.181

APPLICATION/LOADING PROCEDURES

A. Strictly comply with equipment manufacturer's installation instructions and recommendations.

B. Measure and stake area to ensure proper application rates.

C. For maximum performance, apply in a two-step process*:

1. Apply fertiliser with specified prescriptive agronomic formulations along with 50% of seed with a small amount of mulch for visual metering.

2. Mix balance of seed and apply mulch at a rate of 22.7 kg per 378.5 litres of water over freshly seeded surfaces. See loading chart above and confirm loading rates with equipment manufacturer. Do not leave seeded surfaces unprotected, especially if precipitation is imminent.

D. Fill 1/3 of the hydroseeder with water. Turn pump on for 15 seconds and purge and pre-wet lines. Turn pump off.

E. Turn agitator on and load low density materials first (i.e. seed).

F. Continue slowly filling tank with water while loading mulch into tank.

G. Consult loading chart above to determine the number of bales to be

added for desired area and application rate.

H. Mulch should be completely loaded before water level reaches 75% of the top of tank.

I. Add fertiliser and any other amendments, then top off with water.

J. Mix until all fibre is fully broken apart and hydrated (minimum of 10 minutes—increase mixing time when applying in cold conditions). This is very important to fully activate tackifiers and to obtain proper viscosity.

K. Shut off recirculation valve to minimise potential for air to be drawn into the slurry.

L. Slow down agitator and start applying with a 50-degree fan tip nozzle.

M. Spray in opposing directions for maximum soil coverage.

**Hydraulic mulch may be applied in a one-step process where all components may be mixed together in single tank loads. Consult with your local DuraVeg expert for further details.*

ADDITIONAL NOTES:

For hose applications, 18.14 kg / 378.5 litres is recommended (4.8 kg / 100 litres).

Rough surfaces (rocky terrain, cat tracks, ripped soils, etc.) may require additional product to achieve a minimum of 75% coverage.

Always flush residual slurry from hydraulic seeding/mulching equipment immediately following each application, at the end of each work period or when equipment will be left unattended; compounds containing Urea, Nitrogen, Phosphorus, Potassium and macro/micronutrients may form and can be hazardous to human health and equipment.

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