

## Grass Seed Moisture Tables

It was recognized by the Manitoba Forage Seed Association and other industry partners that there was a lack of grass seed moisture tables. Developing accurate grass seed moisture tables would provide the industry the ability to manage, process, and trade grass seed products with less damage and spoiling, which would result in less dockage. The Manitoba Forage Seed Association together with the University of Manitoba, Plant Science Department, and Labtronics are developing Grass Seed Moisture Tables for six grass seed crops. In the 2006 crop year moisture tables were developed for three crops: perennial ryegrass, tall fescue and meadow fescue.

### Meadow Fescue Grass Seed

Meter Reading	% Moisture
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1	8.7
2	9.0
3	9.2
4	9.4
5	9.7
6	9.9
7	10.2
8	10.4
9	10.6
10	10.9
11	11.1
12	11.3
13	11.6
14	11.8
15	12.0
16	12.3
17	12.5
18	12.7
19	13.0
20	13.2
21	13.4
22	13.7
23	13.9
24	14.1
25	14.4

Meter Reading	% Moisture
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26	14.6
27	14.8
28	15.1
29	15.3
30	15.5
31	15.8
32	16.0
33	16.2
34	16.5
35	16.7
36	17.0
37	17.2
38	17.4
39	17.7
40	17.9
41	18.1
42	18.4
43	18.6
44	18.8
45	19.1
46	19.3
47	19.5
48	19.8
49	20.0
50	20.2

#### Meadow Fescue

125g. Sample

calibrate to 0 at meter reading 87

%moisture = meter reading x .2344+ 8.5117 table is correct + or -.5 %

developed by U of M (Derek Lewis), Labtronics ( Jason Diehl), and MFSA

Temperature is not compensated, results assumed correct at 20 degrees C.

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Manitoba Forage Seed Association