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## **Density of Bedding Materials**

Loose Bedding Material	Density (lbs./ft <sup>3</sup> )
Straw	2.5 *, #
Wood shavings	9 *,#
Sawdust	12 <sup>*, #</sup>
Ground limestone	95 #
Soil	75#
Sand	105 *, #
Non-legume hay	4 *,#
Alfalfa	4 *
Other legume hay	4.25#
Baled Bedding Material	Density (lbs./ft³)
Straw	5 *
Wood shavings	20 *
Non-legume hay	7 *
Alfalfa	8 *
Chopped Bedding Material	Density (lbs./ft³)
Straw	7 *,#
Newspapers	14 <sup>*</sup>
Non-legume hay	6 *,#
Alfalfa	6 *
Other legume hay	6.5 #

Updated 7-26-17

Values are approximate.

<sup>#</sup> USDA/NRCS Agricultural Waste Management Field Handbook

<sup>\*</sup> Manure Characteristics, MWPS-18, Manure Management Systems Series