



Density of Bedding Materials

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

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Values are approximate.

[#] USDA/NRCS *Agricultural Waste Management Field Handbook*

^{*} *Manure Characteristics*, MWPS-18, Manure Management Systems Series