

Material Unit Weight

Material	Unit Weight	
	(lb/cu ft)	(Kg/m ³)
Barley, Fine, Ground	24-38	384-609
Barley, Malted	31	497
Barley, Meal	28	449
Barley, Whole	36-48	577-769
Beans, Castor, Meal	35-40	561-641
Beans, Castor, Whole Shelled	36	577
Beans, Navy, Dry	48	769
Beans, Navy, Steeped	60	961
Brewer's Grain, Spent, Dry	14-30	224-481
Brewer's Grain, Spent, Wet	55-60	881-961
Cashew Nuts	32-37	513-593
Clover Seed	45-48	721-769
Cocoa Beans	30-45	481-721
Cocoa, Nibs	35	561
Cocoa, Powdered	30-35	481-561
Cocanut, Shredded	20-22	320-352
Copra, Cake Ground	40-45	641-721
Copra, Cake, Lumpy	25-30	400-481
Copra, Lumpy	22	352
Copra, Meal	40-45	641-721
Coffee, Chaff	20	320
Coffee, Green Bean	25-32	400-513
Coffee, Ground, Dry	25	400
Coffee, Ground, Wet	35-45	561-721
Coffee, Roasted Bean	20-30	320-481
Coffee, Soluble	19	304
Corn, Cracked	40-50	641-801
Corn Cobs, Ground	17	272
Corn Cobs, Whole	12-15	192-240
Corn, Ear	56	897
Corn Germ	21	336
Corn Grits	40-45	641-721
Cornmeal	32-40	513-641

Corn Oil, Cake	25	400
corn Seed	45	721
Corn Shelled	45	721
Corn Sugar	30-35	481-561
Cottenseed, Cake, Crushed	40-45	641-721
Cottenseed, Cake, Lumpy	40-45	641-721
Cottenseed, Dry, Delinted	22-40	352-641
Cottenseed, Dry, Not Delinted	18-25	288-400
Cottenseed Flakes	20-25	320-400
Cottenseed Hulls	12	192
Cottenseed, Meal, Expeller	25-30	400-481
Cottenseed, Meal, Extracted	35-40	561-641
Cottenseed, Meats, Dry	40	641
Cottenseed, Meats, Rolled	35-40	561-641
Distiller's Grain, Spent Dry	30	481
Distiller's Grain, Spent Wet	40-60	641-961
Fish Meal	35-40	561-641
Flaxeed	43-45	689-721
Flaxeed Cake (Linseed Cake)	48-50	769-801
Flaxeed Meal (Linseed Meal)	25-45	400-721
Flour Wheat	33-40	529-641
Hay, Chopped	8-12	128-192
Hominy, Dry	35-50	561-801
Hops, Spent, Dry	35	561
Hops, Spent, Wet	50-55	801-881
Kafir (Corn)	40-45	641-721
Malt, Dry, Ground	20-30	320-481
Malt, Meal	36-40	577-641
Malt, Dry Whole	20-30	320-481
Malt, Sprouts	13-15	208-240
Milk, Dried, Flake	5-6	80-96
Milk, Malted	27-30	432-481
Milk, Powdered	20-45	320-721
Milk, Sugar	32	513
Milk, Whole, Powdered	20-36	320-577
Mustard Seed	45	721
Oats	26	416

Oats, Crimped	19-26	304-416
Oats, Crushed	22	352
Oats, Flour	35	561
Oat Hulls	8-12	128-192
Oats, Rolled	19-24	304-384
Orange Peel, Dry	15	240
Peanut Clean, in Shell	15-20	240-320
Peanut Meal	30	481
Peanut, Raw, Uncleaned (Unshelled)	15-20	240-320
Peanut, Shelled	35-45	561-721
Peas, Dried	45-50	721-801
Potato Flour	48	769
Rice, Bran	20	320
Rice, Grits	42-45	673-721
Rice, Polished	30	481
Rice, Hulled	45-49	721-785
Rice, Hulls	20-21	320-336
Rice, Rough	32-36	513-577
Rye	42-48	673-769
Rye Bran	15-20	240-320
Rye Feed	33	529
Rye Meal	35-40	561-641
Rye Middlings	42	673
Rye, Shorts	32-33	513-529
Safflower, Cake	50	801
Safflower, Meal	50	801
Safflower Seed	45	721
Sesame Seed	27-41	432-657
Soybean Cake	40-43	641-6889
Soybean, Cracked	30-40	481-614
Soybean, Flake, Raw	18-25	288-400
Soybean, Flour	27-30	432-481
Soybean Meal, Cold	40	481
Soybean Meal, Hot	40	481
Soybeans, Whole	45-50	721-801
Starch	25-50	400-801
Sugar Beet, Pulp, Dry	12-15	192-240

Sugar Beet, Pulp, Wet	25-45	400-721
Sugar Refined, Granulated Dry	50-55	801-881
Sugar Refined, Granulated Wet	55-65	881-1041
Sugar, Powdered	50-60	801-961
Sugar, Raw	55-65	881-1041
Timothy Seed	36	577
Sunflower Seed	19-38	304-609
Walnut Shells, Crushed	35-45	561-721
Wheat	45-48	721-769
Wheat, Cracked	40-45	481-721
wheat Germ	18-28	288-449
White Lead, Dry	75-100	1201-1602
Wood Chips, Screened	10-30	160-481