COMPILED STATE DOT COMPOST SPECIFICATIONS TABLES

'All' DOT Compost Specifications Chart

State	Compost Application(s)	Feedstock(s)	Application Rate	Compost Specifications Particle Size	pH	Moisture	Organic Matter (dry wt.)	Soluble Salts	Maturity/Stability	Nutrients/Other Elements	Temperature/Time	C/N	Inert Content (wt.)	Other
Alaska	backfill mix	plant waste	5 cu. ft. compost:1 cu. yd. soil	n/a	n/a	no visible free water or dust	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
California	mulch-SPECIAL PROVISION (decorative mulch and erosion control)	woody materials such as shrubs, tree trimmings or clean, processed wood products-may contain leaves and small twigs	3" to 6" on soil surface	1/2" to 3"	n/a	n/a	n/a	n/a	90 day curing period	n/a	56 deg. C for 15 consecutive days, with 5 turns		0.1% max.	n/a
	mulch for erosion control	green material consisting of chipped, shredded or ground vegetation or clean, processed recycled wood products or Class A, E.Q. biosolids or a combination of green material and biosolids	project specific	screened through a 1/4" screen	n/a	35% maximum, or adjusted application to equal 35%	n/a	n/a	7 min. using Solvita test	n/a	135 deg. F for 15 consecutive days with 5 turns, followed by a minimum 90 day curing process. Biosolids must meet USEPA 40 CFR #503 Regs. for Class A, E.Q. compost	n/a	same	n/a
Colorado	soil amendment	cow or sheep manure and wood residue	4 cu. yds. per 1,000 sq. ft.	1/2" max.	5.0 to 8.5	n/a	30% min.	n/a	n/a	n/a	140 deg. F for 70 to 90 days	20/1 to 30/1	n/a	non-offensive odor
	backfilling	same	0.5 cu. ft. per tree and 0.1 cu. ft. per shrub	same	same	n/a	same	n/a	n/a	n/a	same	same	n/a	same
Connecticut	turf establishment (soil amendment)-DRAFT	leaves and yard trimmmings, food scraps, food processing residuals, manure and/or other agricultural residuals, forest residues and bark, and soiled or non-recyclable paper	1/2" to 2"	< 25 mm, with twigs at 50 mm max.	5.5 to 8.0	35% to 60%	30% min.	4.0 mmhos/cm	6 min.using Solvita test	n/a	n/a	n/a	0.1% max.	no objectionable odor, no resemblence to feedstock
	soil erosion control -DRAFT	same	50 mm minimum	same	same	same	same	same	same	n/a	n/a	n/a	same	same
	backfill mix -DRAFT	same	1 part compost:2 parts soil	same	same	same	same	same	same	n/a	n/a	n/a	same	same
	topdressing -DRAFT	same	1/2"	same	same	same	same	same	same	n/a	n/a	n/a	same	same
Delaware	soil amendment-SPECIAL PROVISION	poultry litter	1"	100% passing a 1" screen	5.7 to 7.5	less than 40%	n/a	< 4.0 mmhos/cm	n/a	n/a	n/a	n/a	n/a	no noxious weed seeds
Florida	soil amendment	yard waste, yard waste and manure, municipal solid waste and biosolids	75 mm	project specific	project specific	n/a	project specific	4.0 mmhos/cm, but can be leached if above	n/a	n/a	n/a	n/a	n/a	must meet FLDEP rules for unrestricted distribution
	mulch	same	approx. 2"	1/2" to 6"	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	same FLDEP rules and shall contain no glass, plastic or metal shards
Georgia	soil additives (soil amendment)	organic materials	project specific	n/a	5.0 to 8.0	n/a	n/a	n/a	mature	n/a	n/a	n/a	n/a	dark brown or black color, no human pathogens, minimal odors
Idaho	mulch for erosion control	unspecified -specific suppliers listed	20 cu. yds./acre	n/a	n/a	n/a	n/a	n/a	5 min. using Solvita test	n/a	USEPA 40 CFR #503 Regs for Class A compost	n/a	n/a	n/a
Illinois	topsoil and compost (soil manufacturing*) *specifications listed are for blended topsoil	organic waste	40% compost:60% soil	*majority shall pass a 1" screen	*5.0 to 8.0	n/a	*1% to 10%	n/a	n/a	n/a	n/a	n/a	1.0% max., 4 mm max. size	must comply with IEPA health standards, no glass or metal shards
Iowa	soil amendment- SPECIAL PROVISION	source separated leaf and yard trimmings, food scraps, food processing residuals, manure and/or other agricultural residuals, forest residues and bark, soiled and/or unrecyclable paper and biosolids	4"	< 1.0"	6.0 to 8.0	less than 60%	30% min.	< 5.0 mmhos/cm	n/a	n/a	n/a	n/a	n/a	n/a
Kansas	soil amendment and backfill	unspecified -specific suppliers listed	1 1/2"	1/2" or smaller	6.0 to 7.5	30% to 40%	less than 35%	< 5.0 mmhos/cm	6 or 7 using Solvita test	N = 0.8% or above, P= 1.0% or above	n/a	n/a	n/a	800 to 1,000 lbs./cu. yd. bulk density
Maine	soil amendment and backfill	source separated leaf and yard trimmings,	project specific	100% < 25 mm	4.5 to 8.0	n/a	35% min.	< 4.0 mmhos/cm	stability shall be > 5 as measured by	n/a	n/a	n/a	n/a	
	Aged wood waste is approved for use in an erosion control mix- mulch SPECIAL PROVISIONS	source separated leaf and yard trimmings, food scraps, food processing residuals, manure and/or other agricultural residuals and biosolids	project specific	100% passing 6", 70-85% passing .75"	5.0 to 8.0	n/a	20% to100%	< 4.0 mmhos/cm	n/a	n/a	n/a	n/a	free from refuse, physical contam-inants	free from materials toxic to plant growth, large portions of silts, clay or fine sands are not acceptable, organic portion must be fibrous and elongated
	same-erosion control mix - sediment barrier	same	project specific (minimum 12" high and 2' wide)	same	same	n/a	same	same	n/a					
Maryland	soil amendment and backfill	biosolids, and source separated compost approved for distribution by the Maryland Dept. of Agriculture	project specific	max. of 90% passing 4.75 mm, max. of 25% passing .425 mm and max. of 2.2% passing .075 mm	6.0 to 7.5	30% to 55%	n/a	) mmhos/cm for source separated d < 10 mmhhos/cm for biosolids	"will not reheat upon stacking"	n/a	n/a	n/a	n/a	biosolids must be approved by the Maryland Dept. of the Environment
Massachusetts	organic soil additives (amendment)- DRAFT	biodegradable matter, including biosolids	up to 100 mm	25 mm max.	5.5 to 7.5	35% to 55%	40% min.	max. 4.0 mmhos/cm	6 using Solvita test, stability shall be >10 as measured by the Dewar Self Heating test	n/a	USEPA 40 CFR #503 Regs for Class A compost	11 to 25:1	1.0% max.	no unpleasant odors
Michigan	compost specification (soil amendment)	yard clippings or other approved materials	project specific	3/4" maximum diameter	5.0 to 8.5	no visible free water or dust	10% to 50%	1.0 to 5.0 mmhos/cm	mature	n/a	USEPA 40 CFR #503 Regs for Class A compost	10 to 20:1	less than 1.0%	dark brown or black color, registered Mich. Dept. of Agriculture, no objectionable odor
	slope restoration- SPECIAL PROVISION	vegetative material and wood or bark	25 mm for seed, compost and tackifier mix	3 to 38 mm	5.5 to 8.0	30% to 35%	n/a	n/a	mature	n/a	n/a	n/a	n/a	
Minnesota	turf establishment- grade 1 compost	animal derived material	project specific-typically 1" to 2"	10 mm max.	5.5 to 8.0	35% to 55% with a 700 to 1600 lbs./yd. bulk density	30% min.	max. 10.0 mmhos/cm	5 min. using Solvita test, 80% to 100% seed germination test scores,	NPK ratios of 2-2-1 to 4-4-2	a PFRP process must be used	6 to 20:1	3.0% max. at 4 mm	state Pollution Control and USEPA Part 503 C contaminent limits, registered for sale with the
	landscape planting- grade 2 compost	leaves and yard waste	project specific-typically 3" to 4"	19 mm max.	5.5 to 8.5	same, except max. bulk density can be 1600 lbs./yd.	same	same	same	n/a	same	same	same	State of Minnesota apply to all 3 compost grades
	turf establishment- grade 3	90% leaves and yard waste, 10% animal manure	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	same as grade 1	
Montana	mulch on slopes- SPECIAL PROVISION	unspecified- specific suppliers listed	1,000 dry pounds/acre	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Hampshire	soil amendment- SPECIAL PROVISION	source separated leaf and yard trimmings, food scraps, food processing residuals, manure and/or other agricultural residuals, forest residues and bark, and soiled or non-recyclable paper	2"	< 0.5"	6.0 to 8.0	35% to 60%	30% min.	n/a	"certified stable"	n/a	n/a	n/a	n/a	n/a
	backfill mix - SPECIAL PROVSION	same	3 cu. ft. of compost to 1 cu. ft. of loam	same	same	same	same	n/a	same	n/a	n/a	n/a	n/a	shall be relatively free of objects larger than 25 mm (1") in diameter
New Jersey	soil amendment	biosolids	project specific to raise soil organic matter content to 2.75%	n/a	6.0 min.	55% max.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	must be NJDEP approved
New York	soil amendment	source separated leaf and yard trimmings, food scraps, food processing residuals, manure and/or other agricultural residuals, forest residues and bark, and soiled or non-recyclable paper and biosolids	project specific to raise soil organic matter content to 2% to 20%	< 12.5 mm	6.0 to 8.0	35% to 60%	30% min.	< 4.0 mmhos/cm	"must be stable according to current test methods"	n/a	n/a	n/a	n/a	must meet NYDEC regulations
North Carolina	project procurement specifications (RFQ) for an organic fertilizer/soil amendment	poultry litter	project specific	100% must pass a 5/8" screen	5.7 to 7.5	40% max.	n/a	< 40 mmhols/cm	minimal reheating upon stockpiling	must be within % of claimed nutrients	composting method dependent	n/a	n/a	registered as a fertilizer with the NC Deptartment of Agriculture, Cu and Zn limits (2 lbs./ton)
Ohio	backfill mix	source separated yard waste	1/3 by volume	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ohio Class IV compost is the only permitted product