

Compost

WeCare Compost® Application Rates

WeCare Compost® may contain stable organic matter comprising plants, compostable products, food processing residuals, food waste, manure, paper products, paunch, spent grain from brewery, solid anaerobic digestate, wood and yard waste. The organic material is composted to produce nutrient dense WeCare Compost®. The addition of WeCare Compost® improves the soil's capacity to exchange nutrients, increasing plant growth and health.

APPLICATION	RATE & METHOD
Turf Establishment Sod Installation Soil Renovation	Incorporate 1 to 3 inches of Compost into the top 4 to 6 inches of soil (3 to 9 cubic yards/1000 square feet). Use higher rate for less fertile soil.
Turf Maintenance Topdressing	Broadcast 1/3 inch of Compost (approximately 1 cubic yard/1000 square feet) on established turf and rake in. For best results, aerate soil prior to topdressing.
Flower Beds/Gardens Ground Covers	Mix or rototill 1 to 3 inches of Compost into the soil prior to planting.
Tree and Shrub Planting	Uniformly mix Compost with existing soil and use at a rate of 25% WeCare Compost to 75% soil and use as backfill for trees and shrubs.
Shrub Maintenance/Mulching	Spread Compost 1 to 2 inches thick over planting areas or individual plant pits.
Field Nursery Production	Incorporate 2 to 3 inches of Compost into the top 4 to 6 inches of soil. Test soil pH levels.
Nursery Potting Mediums Nursery Container Plants	Custom blend Compost (1/10 to 1/3 by volume) with traditional potting mediums. Water thoroughly after planting.

The rates listed above are general recommendations for use. Land application of WeCare Compost® is permitted only in accordance with the instructions on this information sheet. WeCare Compost® is produced by Denali and marketed as WeCare Compost®.

www.denalicorp.com
410-849-6117



Scan code
for current
test results

DENALI
Replenishing the earth by repurposing waste



US Composting Council

Seal of Testing Assurance®

WeCare Denali, LLC – City of Ann Arbor Composting

Facility 
 Product – WeCare Compost® - Ann Arbor, Quarterly Testing
www.wecarecompost.com
 4170 Platt Rd
 Ann Arbor, Michigan 48108
 Contact – Don Butynski
 ryan.cerrato@denaliwater.com
 (734) 489-4518

Sample Date: 20250130 Ann Arbor Yard Waste Compost Jan 2025

Compost Technical Data Sheet

Compost Parameters	Reported as	Test Results
pH		8.6
Soluble salts	dS/m (mmhos/cm)	1.70
Primary plant nutrients	%, dry weight basis	
Nitrogen	Total N	1.32
Phosphorus	P ₂ O ₅	0.56
Potassium	K ₂ O	0.67
Calcium	Ca	6.94
Magnesium	Mg	1.96
Moisture content	%, wet weight basis	18.46
Organic matter content	%, dry weight basis	35.44
Particle size	Screen size passing through	97.4% passing 9.5mm
Stability (respirometry)	mg CO ₂ -C per g TS per day mg CO ₂ -C per g OM per day	0.2 0.5
Maturity (Bioassay)		
Percent emergence	% (average)	93
Relative seedling vigor	% (average)	100
Select Pathogens	PASS/FAIL (Per US EPA Class A standards, 40 CFR § 503.32(a))	PASS
Trace metals	PASS/FAIL (Per US EPA standards, 40 CFR § 503.13, Table 3)	PASS

Participants in the United States Composting Council's Seal of Testing Compliance Program have shown the commitment to test their compost products on a prescribed basis, and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.

This compost product has been sampled and tested as required by the Seal of Testing Assurance Program on the United States Composting Council (USCC), using certain methods from the "Test Methods for the Examination of Compost and Composting" manual. Test results are available upon request by contacting the compost producer (address at top of page). The USCC makes no warranties regarding this product or its content, quality, or suitability for any particular use. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis. Nutrients data are for informational purposes only and do not constitute, in part or whole, a guaranteed analysis.



Account No. : 2055

Compost (TMECC) Analysis Report

WECARE DENALI LLC 2055
 3308 BERNICE AVE
 RUSSELLVILLE AR 72802

Invoice No. : 1155780
 Date Received : 01/29/2025
 Date Analyzed: 01/30/2025

Lab No. : 2160

Results For : WECARE DENALI LLC 2055
 Sample ID : ANN COMPOST

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.31	1.07	26.2	21.4	5.3
Ammonium, % N	0.008	0.0070	0.2	0.1	0.1
Nitrate, % N	< 0.001	0.0000	0.0	0.0	0.0
Total N, % N	1.32	1.08	26.4	21.5	5.5
Phosphorus, % P ₂ O ₅	0.56	0.46	11.2	9.1	6.4
Potassium, % K ₂ O	0.67	0.55	13.4	11.0	9.9
Sulfur, % S	0.24	0.20	4.8	3.9	1.6
Calcium, % Ca	6.94	5.66	138.7	113.1	79.2
Magnesium, % Mg	1.96	1.60	39.2	32.0	22.4
Sodium, % Na	0.05	0.04	1.0	0.8	0.8
Sodium Adsorption Ratio (SAR)	0.45				
Iron, ppm Fe	28036.7	21230.3	52.1	42.5	29.7
Manganese, ppm Mn	2799.9	2283.0	5.6	4.6	3.2
Aluminum, ppm Al	3367.8	2746.1	6.7	5.5	3.8
Boron, ppm B	0.3	0.2	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		1.70			
pH		8.6			
Moisture, %	18.46				
Dry Matter (TS), %	81.54				
Ash, %	64.56	52.64			
Organic Matter LOI 550C, %	35.44	28.90			
Organic Carbon, %	20.55	16.76			
Organic C:N Ratio	15.6				
Bulk Density, lbs / cubic foot		23			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

L.D. Severson - AgroLab/Matrix Sciences Inc

2/21/2025

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 Sample ID : ANN COMPOST

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
STA Pathogen Screen		Pass			
Respiration mg CO ₂ -C/g OM/day	0.5				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO ₂ -C/g TS/day	0.2				
Compost Respiration Stability Index		Very Stable			
Maturity Indicator by Germination					
Emergence %		93			
Maturity		Very Mature			
Seedling Vigor %		100			
Maturity		Very Mature			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	25 mm	0.0	100.0
	9.5 mm	2.6	97.4
	No.10 (2 mm)	25.5	71.9
	No.18 (1 mm)	14.2	57.7
	Pan	57.7	0.0

Note: The available first year Ammonium-N is calculated based on maximum availability, or incorporation within 24 hours. Advise a nutrient consultant for adjustments beyond 24 hr incorporation.



Account No. : 2055

Environmental Sample Analysis Report

WECARE DENALI LLC 2055
 3308 BERNICE AVE
 RUSSELLVILLE AR 72802

Invoice No. : 1155773
 Date Received : 01/29/2025
 Date Analyzed: 01/30/2025

Lab No. : 2349

Results For : WECARE DENALI LLC 2055

Sample ID : ANN COMPOST

Description :

Description :	Analysis		EPA Method Number	Lab. Tech.	Detection Limit
	Solid: Dry Wgt	Liquid: As Rcvd			
Arsenic As, mg/kg	4.63		3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.43		3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	54.16		3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	22.34		3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	3.56		3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	8.36		3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	28.36		3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.26		3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	92.76		3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.007		7473	L.D.S	0.01
Microbiological Screening	Count		Method		Detection Limit
Salmonella MPN of CFU/4g	Not Detected		L. Flow ATEC 13076		Pos/Neg/4g dry wgt