

# SOILUTIONS

## Diverting Organic Waste from Landfills

Water & Natural Resources  
Committee  
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Dawn Dewey, President & Owner  
[dawn@soilutions.net](mailto:dawn@soilutions.net) | 505-459-6620





# SOILUTIONS | NM's Largest Private Compost Company



- Soilutions diverts organic waste (food waste, yard waste) from landfill and instead transforms it into compost, soil and mulch to replenish our state's depleted soils.
- Founded in ABQ in 1996; acquired by local business leaders in 2021, Soilutions has since tripled in size and is projected to double again by 2026.
- Operating on 14-acres in ABQ's South Valley, Soilutions is at scale and well-positioned to partner with NM for organics diversion programs



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## How Compost is Made in 5 Pictures



Making Soilutions Compost starts by combining food waste (nitrogen) and yard waste (carbon) at ideal ratios to facilitate aerobic decomposition.



Managed in windrows until mature, then screened to ½"



Completed compost is ready to feed NM's soils



Compost helps our community grow food for their families!





Food waste from WALMART being received at Soilutions

## Partnering with corporations to divert more food waste

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The EPA estimates that food waste is responsible for 58% of fugitive methane emissions from municipal solid waste landfills.

In 2024, Soilutions secured partnerships to divert food waste from statewide locations of:

- Whole Foods
- WALMART®
- Costco
- Sam's Club
- More partnerships in the works



In 2025, Soilutions will divert ~25,000 tons (50,000,000 lbs) of food waste from landfills and turn it into compost.





## Our Challenge: Increase yard waste intake to balance food waste



**Soilutions needs to bring in 13,000 tons of yard/landscaping waste in 2025, with this need increasing each year as the company continues to grow.**

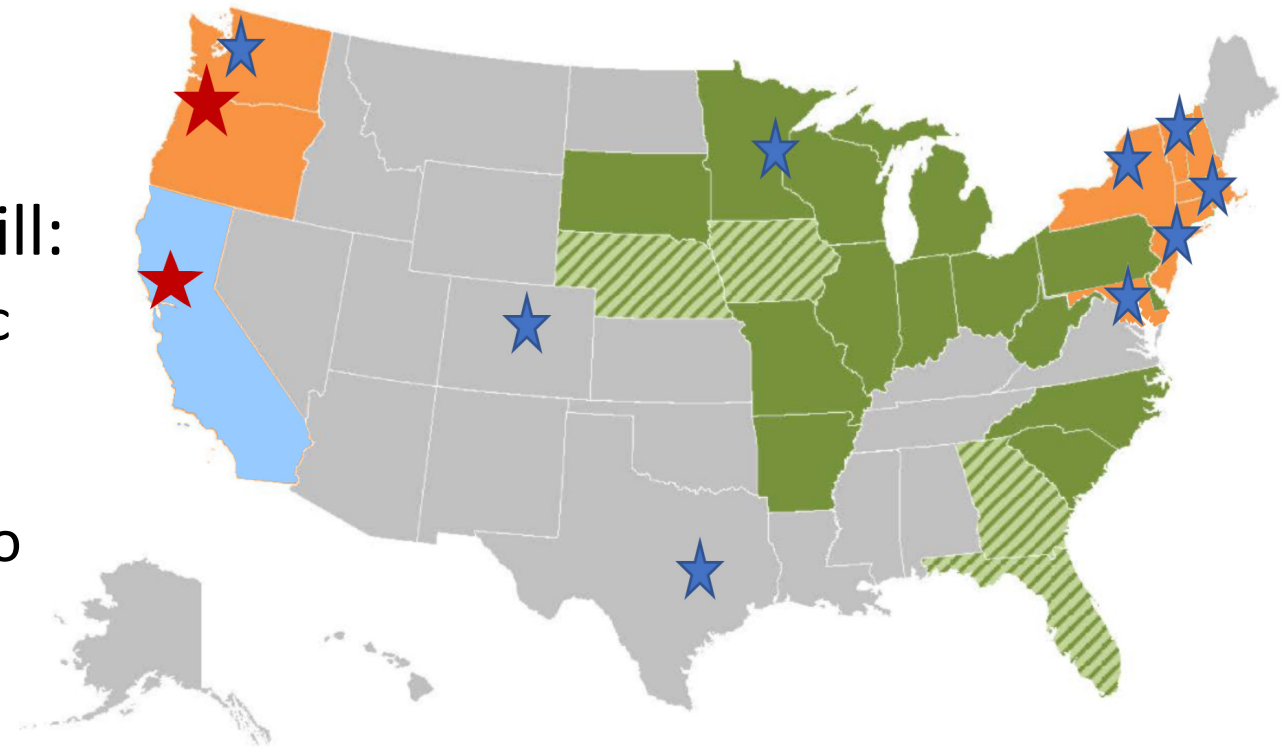
Several initiatives in the works toward this endeavor:

- Partnership with Village of Los Ranchos (launching August 2024)
- US Forest Service Wood Products Innovation Grant
- Working to develop partnership with Middle Rio Grande Conservancy District administrators

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# NM Lawmakers should pass a ban on yard debris going into the landfill.

- Yard debris bans already exist in 21 states
- A ban on yard debris in the landfill will:
  - Drive private industry to recycle organic waste
  - Help divert more food waste and yard waste from the landfill to be turned into compost



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Thank you!

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- Yard debris bans:** Arkansas, Delaware, Illinois, Indiana, Maryland, Michigan, Minnesota, Missouri, New Hampshire, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, West Virginia, Wisconsin
- Yard debris bans with exemptions for landfills with gas collection systems:** Florida, Georgia, Iowa, Nebraska
- Food scrap collection mandates or aggressive legislation for keeping out of landfills:** California, Connecticut, Massachusetts, New Hampshire, New Jersey, New York, Oregon, Vermont, Washington
- State Organics Diversion Requirements:** The State of California, rather than banning organics from landfills, instead requires municipalities to create organics plans, as of January 2022.