

Metrogro Biosolids Applicator Replacement



Madison Metropolitan Sewerage District



Metrogro Applicator Replacement Plan

Current Applicator Fleet

Applicator	Year	Current Hours	Estimated Annual Hours	Estimated Year for Replacement	Estimated Hours at time of Replacement
211	2005	7900	625	2021	8600
210	2005	8466	625	2022	9700
212	2005	7911	625	2023	9800
213	2008	7380	750	2024	10400
214	2019	981	750	2031	9900



Metrogro Applicator Replacement Plan

Equipment Replacement

Self-propelled all-in-one applicator

- From 2009 to 2018 there were no all-in-one liquid applicators available in the US
 - AGCO ended manufacture of the Terragator for liquid application in 2008
- A new all-in-one option became available in the US in 2019
 - The only all-in-one option in the US
 - Sole source → negotiated procurement



Metrogro Biosolids Applicator Purchase

Equipment Replacement

OXBO self-propelled all-in-one applicator

Model 5105 LNMS



Price Quote: \$647,999

- automatic transmission
- stage 4 emissions
- GPS guidance
- 30-40% increase in efficiency over older Terragators



Metrogro Biosolids Applicator Purchase

Added Value

Price quote: \$647,999

- Demonstration machine, lightly used (350 hours)
- Full new machine warranty/support
- Already adjusted and calibrated for biosolids application
- **Zimmerman LDMI toolbar included**
 - \$64,000 value
 - Potential phosphorus savings
 - Good fit with reduced/no-till farming systems





Thank You!

Questions?

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