

# Montgomery County Yard Trim Compost Facility

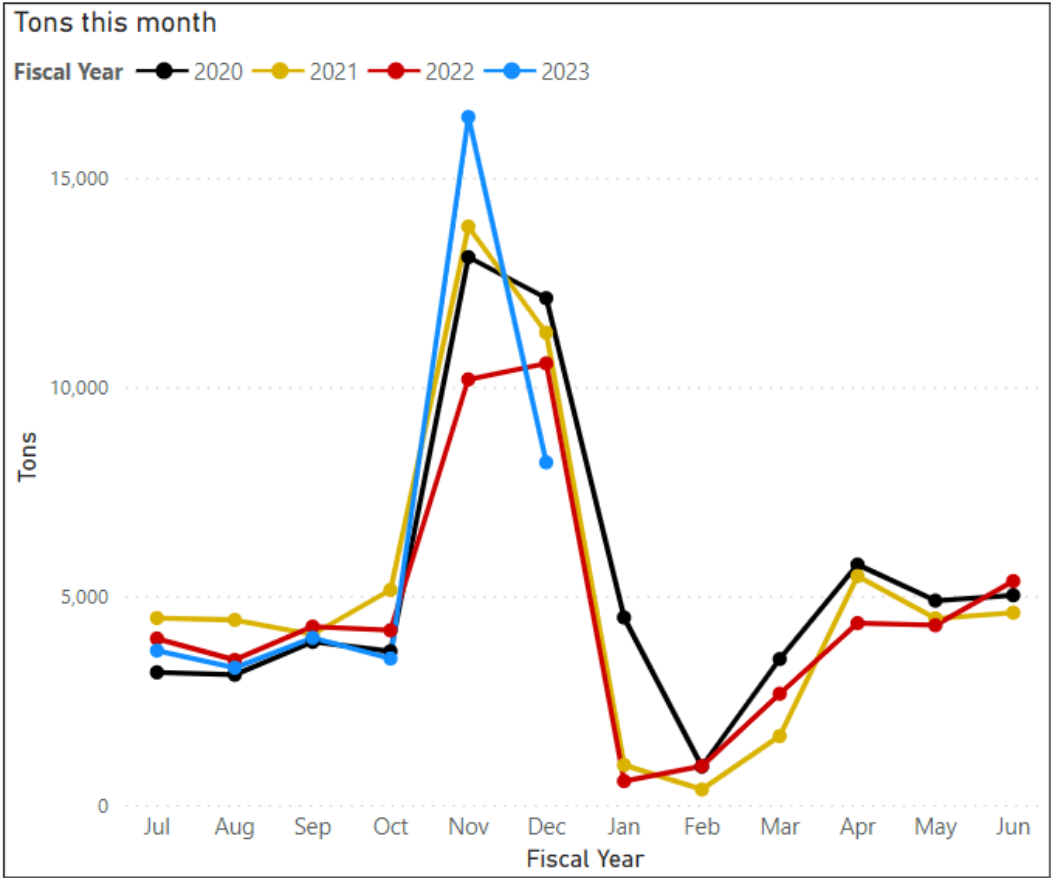
## DAFIG QUARTERLY REPORT

**DECEMBER 13, 2022**



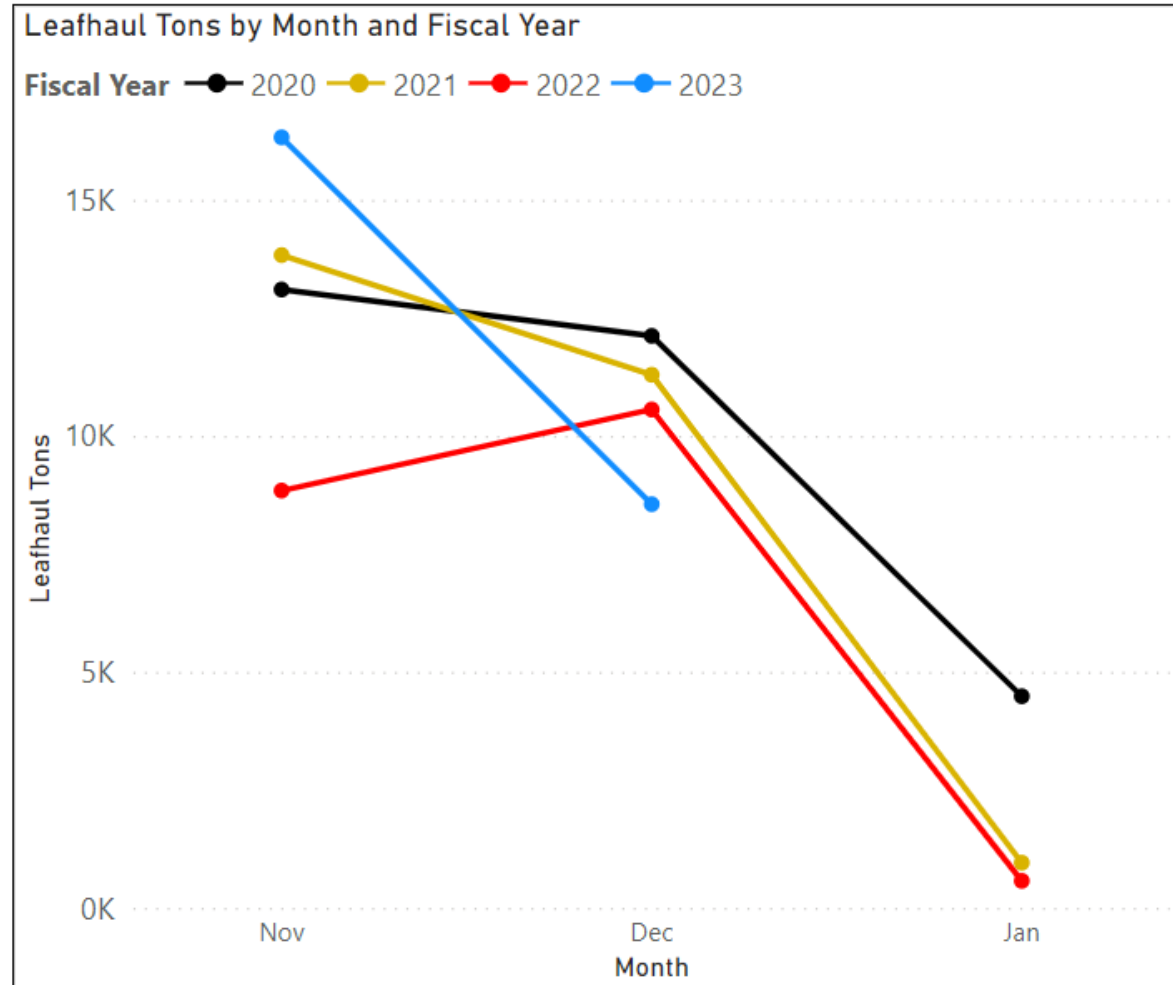
# Tons of Yard Trim Received Per Month

FY 2023 as of 12/12/2022



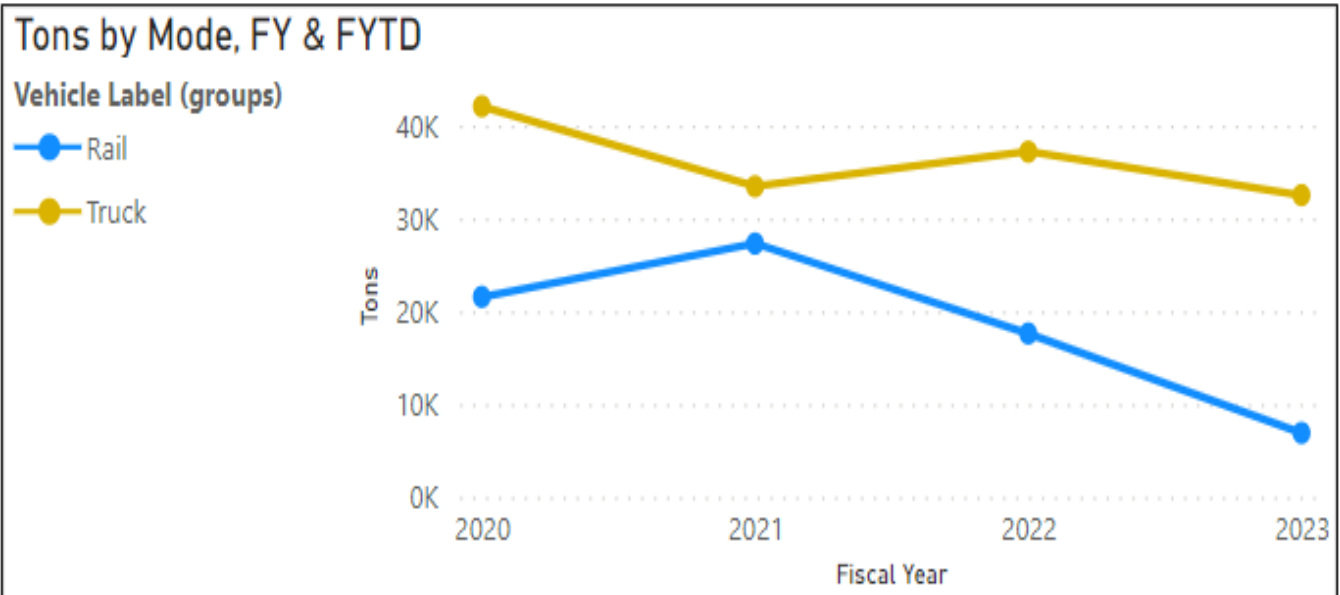
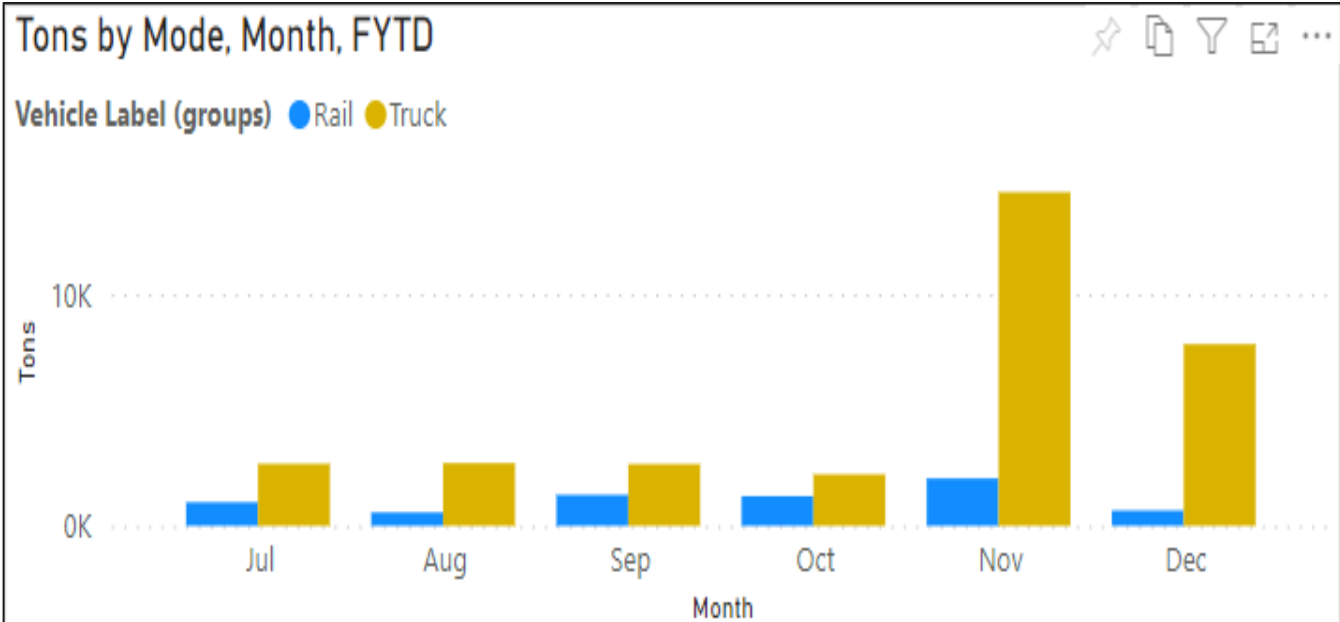
| Fiscal Year | Jul   | Aug   | Sep   | Oct   | Nov    | Dec    | Jan   | Feb | Mar   | Apr   | May   | Jun   |
|-------------|-------|-------|-------|-------|--------|--------|-------|-----|-------|-------|-------|-------|
| 2020        | 3,175 | 3,119 | 3,903 | 3,678 | 13,103 | 12,121 | 4,487 | 924 | 3,493 | 5,751 | 4,890 | 5,018 |
| 2021        | 4,474 | 4,429 | 4,080 | 5,146 | 13,832 | 11,297 | 960   | 374 | 1,652 | 5,476 | 4,465 | 4,600 |
| 2022        | 3,983 | 3,472 | 4,269 | 4,180 | 10,178 | 10,561 | 575   | 932 | 2,665 | 4,352 | 4,301 | 5,356 |
| 2023        | 3,695 | 3,286 | 4,000 | 3,505 | 16,453 | 8,195  |       |     |       |       |       |       |

# Leaf Haul per Fiscal Year FY 2023 as of 12/12/2022

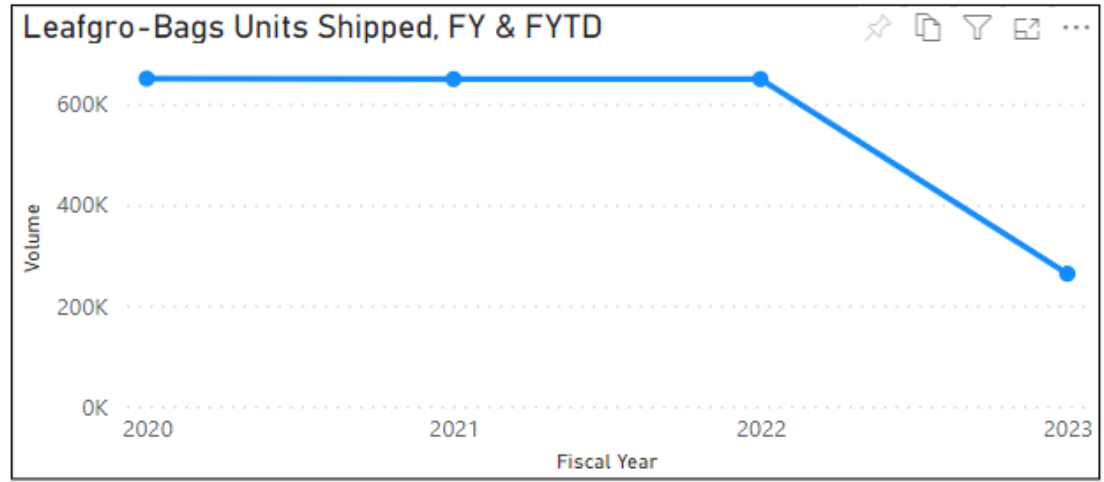


| Month        | 2020          | 2021          | 2022          | 2023          |
|--------------|---------------|---------------|---------------|---------------|
| Nov          | 13,103        | 13,832        | 8,843         | 16,327        |
| Dec          | 12,121        | 11,297        | 10,561        | 8,555         |
| Jan          | 4,487         | 960           | 575           |               |
| <b>Total</b> | <b>29,710</b> | <b>26,089</b> | <b>19,979</b> | <b>24,882</b> |

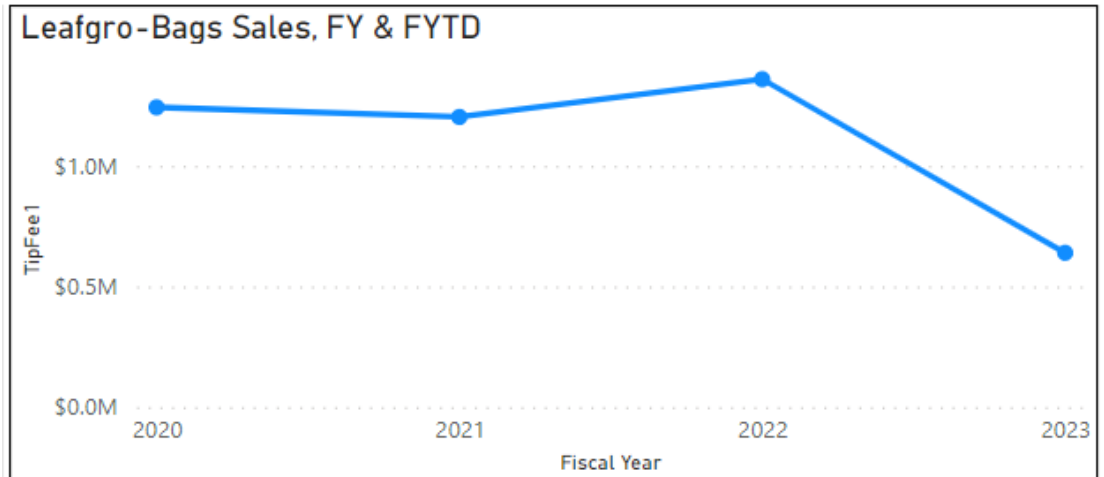
# Tons of Yard Trim Received by Mode FY 2023 as of 12/12/2022



# Leafgro® Bags Units Shipped & Sales per Fiscal Year FY 2023 as of 12/12/2022

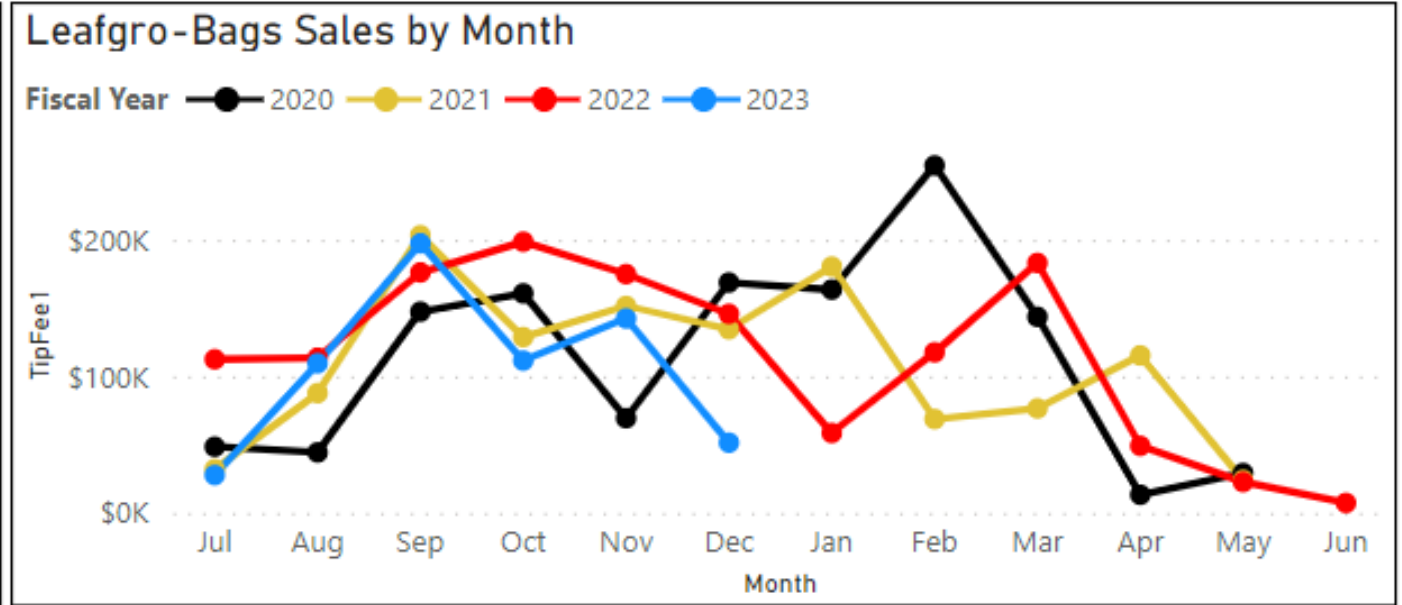
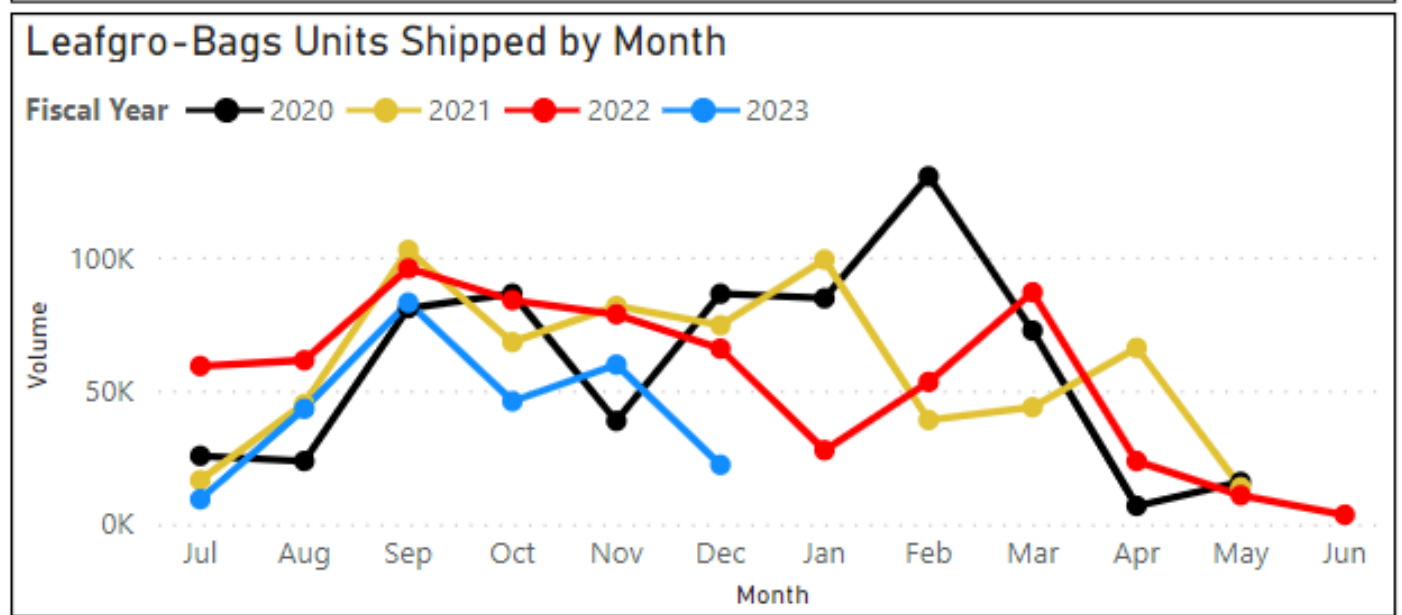


| Material Label   | 2020    | 2021    | 2022    | 2023    |
|------------------|---------|---------|---------|---------|
| Leafgro Bags 1.5 | 651,050 | 650,000 | 650,000 | 263,300 |

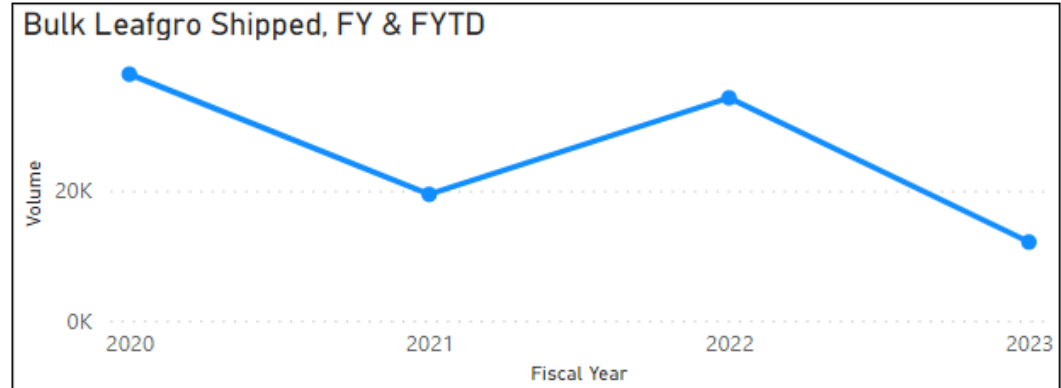


| Material Label   | 2020        | 2021        | 2022        | 2023      |
|------------------|-------------|-------------|-------------|-----------|
| Leafgro Bags 1.5 | \$1,242,985 | \$1,203,028 | \$1,359,583 | \$639,970 |

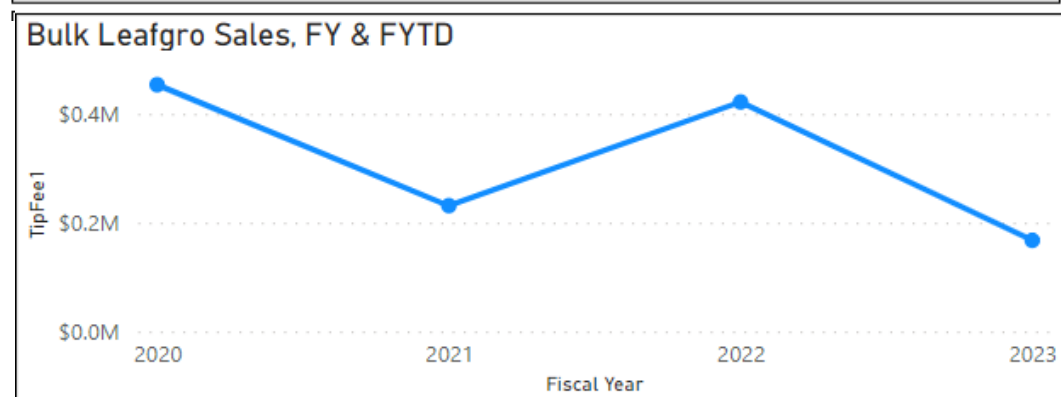
# Leafgro® Bags Units Shipped & Sales per Month FY 2023 as of 12/12/2022



# Bulk Leafgro® Yd³ Shipped & Sales per Fiscal Year FY 2023 as of 12/12/2022

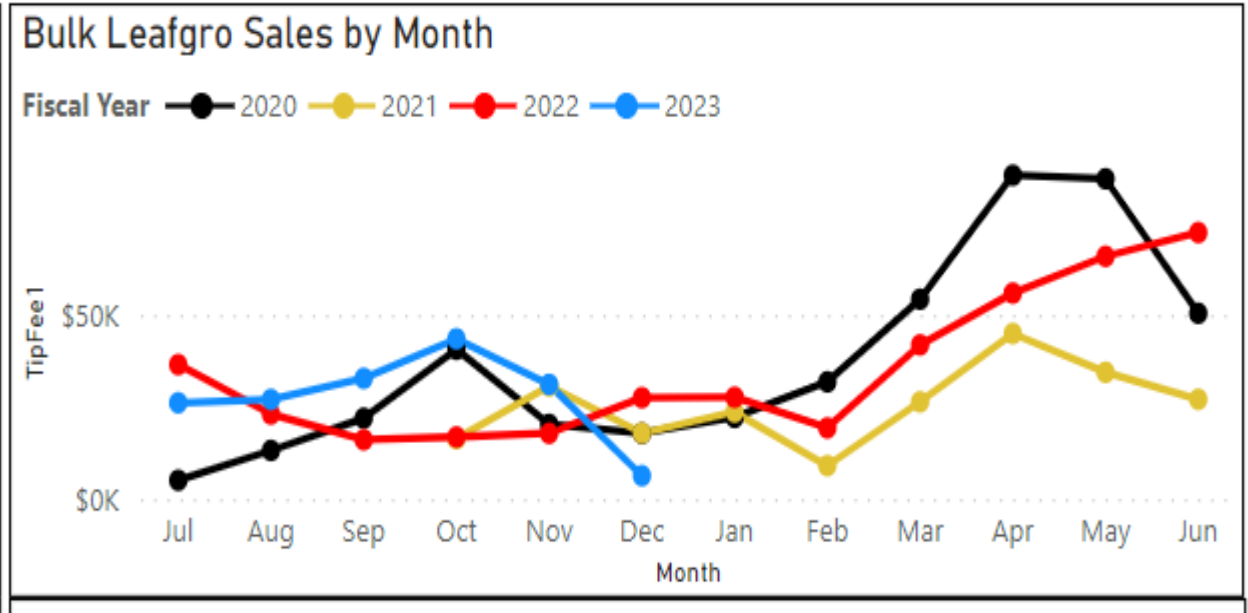
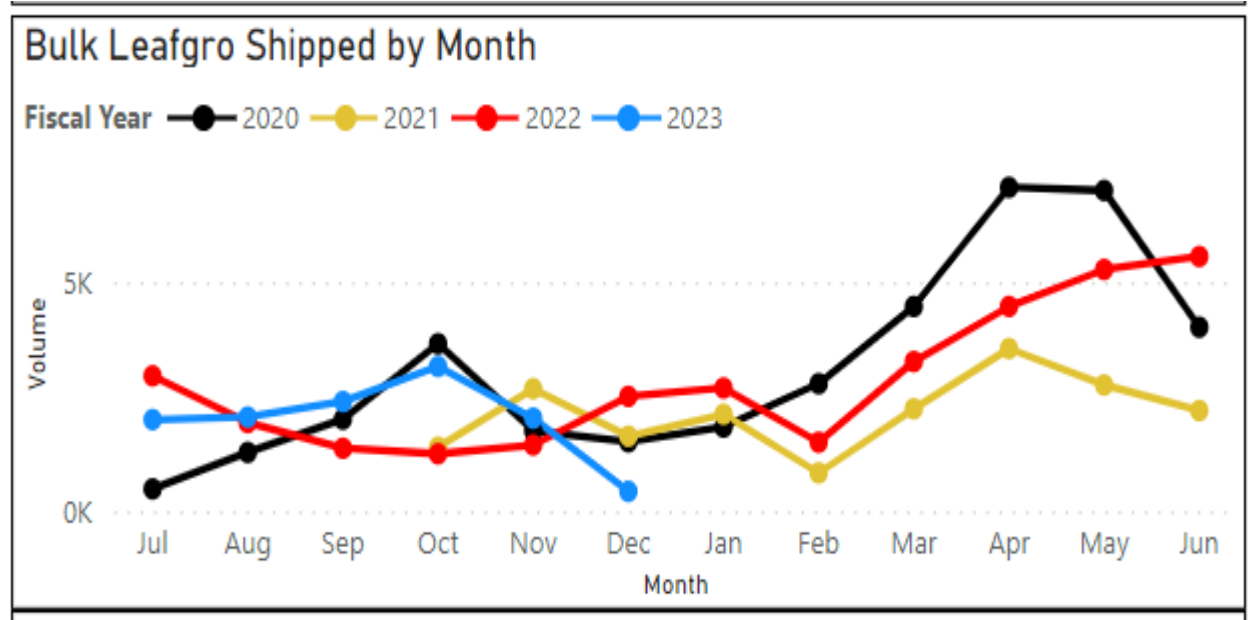


| Material Label                           | 2020   | 2021   | 2022   | 2023   |
|--|--------|--------|--------|--------|
| Leafgro - OUT                            | 37,925 | 19,431 | 28,540 | 12,093 |
| Bulk Leafgro for Bags<br>(Lowe Products) |        |        | 5,744  |        |



| Material Label                           | 2020      | 2021      | 2022      | 2023      |
|--|-----------|-----------|-----------|-----------|
| Leafgro - OUT                            | \$453,368 | \$231,098 | \$369,996 | \$167,272 |
| Bulk Leafgro for Bags<br>(Lowe Products) |           |           | \$51,696  |           |

# Bulk Leafgro® Yd<sup>3</sup> Shipped & Sales per Month FY 2023 as of 12/12/2022





# STORMWATER POND MANAGEMENT



- Ponds sampled before discharge per NPDES permit requirements
- Biological Oxygen Demand (BOD)
  - The measure of how much oxygen is needed to breakdown organic matter in water; measured in mg/l
- Total Suspended Solids (TSS)
  - The measure of the total amount of suspended solids in the water column; measured in mg/l
- Power of Hydrogen (pH)
  - The measure of how acidic/basic water is. The ranges from 0 to 14, with 7 being neutral

# Pond 1 Results

Each pond is sampled  
monthly

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 29 | 18 |
| 2022         | 13 | 16 |
| 2023<br>FYTD | 8  | 8  |

**Avg BOD**  
Limit - 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 9  | 18 |
| 2022         | 11 | 17 |
| 2023<br>FYTD | 12 | 11 |

**Avg TSS**  
Limit – 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 7  | 8  |
| 2022         | 7  | 8  |
| 2023<br>FYTD | 8  | 8  |

**Avg pH**  
Max: 8.5  
Min: 6.5

# Pond 2 Results

Each pond is sampled  
monthly

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 22 | 5  |
| 2022         | 8  | 6  |
| 2023<br>FYTD | 5  | 7  |

**Avg BOD**  
Limit - 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 14 | 11 |
| 2022         | 7  | 6  |
| 2023<br>FYTD | 11 | 14 |

**Avg TSS**  
Limit – 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 7  | 8  |
| 2022         | 8  | 8  |
| 2023<br>FYTD | 8  | 8  |

**Avg pH**  
Max: 8.5  
Min: 6.5

# Pond 3 Results

Each pond is sampled  
monthly

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 39 | 40 |
| 2022         | 18 | 17 |
| 2023<br>FYTD | 8  | 7  |

**Avg BOD**  
Limit - 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 44 | 39 |
| 2022         | 32 | 28 |
| 2023<br>FYTD | 13 | 11 |

**Avg TSS**  
Limit – 100 mg/l

|              | Q1 | Q2 |
|--------------|----|----|
| 2021         | 7  | 8  |
| 2022         | 8  | 8  |
| 2023<br>FYTD | 8  | 8  |

**Avg pH**  
Max: 8.5  
Min: 6.5

# OIL SPILLS

**11/1/22** Hauling contractor unloading leaves had faulty O-ring

- Estimated two gallons of hydraulic oil Spilled

**11/12/22** Hauling contractor engine overheated causing antifreeze to leak from radiator

- Estimated ½ gallon of antifreeze spilled

**11/14/22** Hauling contractor unloading leaves had leaking hydraulic pump

- Estimated ¼ gallons of hydraulic oil spilled

**11/18/22** Hauling contractor had faulty hydraulic hose causing leak

- Estimated 2 gallons of hydraulic oil spilled.

**12/3/22** Hauling contractor had faulty hydraulic hose causing leak

- Estimated 2 gallons of hydraulic oil was spilled