

Zanker Landscape Materials
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Project : Mahogany Mulch

AGRICULTURAL SUITABILITY

Report No : **21-112-0022**
 Purchase Order :
 Date Printed : 04/27/2021
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| Sample Description - Sample Id - Plant Name | HalfSat % | pH s.u. | Qual. Lime | OM % | Saturation Extract | | | | | | | | | Bulk Density | Lab No |
|--|--------------|------------|------------|------|--------------------|-------------|-------------|-------------|------------|----------|--------------------------|-------------|------|--------------|--------|
| | | | | | ECe dS/m | Ca meq/L | Mg meq/L | Na meq/L | K meq/L | B ppm | SO ₄ meq/L | Cl meq/L | SAR | | |
| Mahogany Mulch | 140 | 7.0 | Low | | 0.5 | 2.5 | 0.7 | 1.6 | 1.3 | 1.02 | 1.7 | | 1.26 | | 24392 |

Passing 0.5mm = 6.09 %
 Passing 1.00mm = 6.09 %
 Passing 2.36mm = 7.17 %
 Passing 4.75mm = 10.04 %
 Passing 6.35mm = 17.56 %
 Passing 9.42mm = 37.63 %
 Retained on 0.5" = 38.54 %
 Retained on 1" = 11.05 %

Half Saturation %= approximate field moisture capacity. Salinity , saturation extract = ECe (dS/m at 25 degree C)
 SAR = Sodium Adsorption Ratio . Ca - calcium , Mg - magnesium , K - potassium , Na - sodium , B - boron , SO₄ - sulfate