| | | Model 58B Screening Plant | | | Model 68C/61A Screening Plant | | |
|---|---|---|---|---|---|---|---|
| Well Finished Compost 60%-40% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% |
| | .125=1/8" | 14 | 8.40 | 5.60 | 17 | 10.20 | 6.80 |
| | 0.1875=3/16" | 20 | 12.00 | 8.00 | 24 | 14.40 | 9.60 |
| | 0.25=1/4" | 30 | 18.00 | 12.00 | 36 | 21.60 | 14.40 |
| | 0.375=3/8" | 49 | 29.40 | 19.60 | 59 | 35.40 | 23.60 |
| | 0.5 =1/2" | 62 | 37.20 | 24.80 | 74 | 44.40 | 29.60 |
| | 0.75 = 3/4" | 73 | 43.80 | 29.20 | 87 | 52.20 | 34.80 |
| | 1.0 = 1" | 85 | 51.00 | 34.00 | 102 | 61.20 | 40.80 |
| | 1.25 = 1 1/4" | 99 | 59.40 | 39.60 | 119 | 71.40 | 47.60 |
| Well Finished Compost 90%-10% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% |
| | .125=1/8" | 12 | 10.80 | 1.20 | 14 | 12.60 | 1.40 |
| | 0.1875=3/16" | 17 | 15.30 | 1.70 | 20 | 18.00 | 2.00 |
| | 0.25=3/4" | 26 | 23.40 | 2.60 | 31 | 27.90 | 3.10 |
| | 0.375=3/8" | 41 | 36.90 | 4.10 | 49 | 44.10 | 4.90 |
| | 0.5 =1/2" | 50 | 45.00 | 5.00 | 60 | 54.00 | 6.00 |
| | 0.75 = 3/4" | 60 | 54.00 | 6.00 | 72 | 64.80 | 7.20 |
| | 1.0 = 1" | 71 | 63.90 | 7.10 | 85 | 76.50 | 8.50 |
| | 1.25 = 1 1/4" | 80 | 72.00 | 8.00 | 96 | 86.40 | 9.60 |
| Mulch 60%-40% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% |
| | 0.5 =1/2" | 40 | 24.00 | 16.00 | 50 | 30.00 | 20.00 |
| | 0.75 = 3/4" | 50 | 30.00 | 20.00 | 60 | 36.00 | 24.00 |
| | 1.0 = 1" | 61 | 36.60 | 24.40 | 70 | 42.00 | 28.00 |
| | 1.25 = 1 1/4" | 72 | 43.20 | 28.80 | 78 | 46.80 | 31.20 |
| | 1.5=1 1/2" | 82 | 49.20 | 32.80 | 88 | 52.80 | 35.20 |
| | 2.0=2" | 95 | 57.00 | 38.00 | 99 | 59.40 | 39.60 |
| | 2.5=2 1/2" | 95 | 57.00 | 38.00 | 110 | 66.00 | 44.00 |
| | 3.0=3" | 95 | 57.00 | 38.00 | 110 | 66.00 | 44.00 |
| Mulch 90%-10% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% |
| | 0.5 =1/2" | 34 | 30.60 | 3.40 | 45 | 40.50 | 4.50 |
| | 0.75 = 3/4" | 41 | 36.90 | 4.10 | 55 | 49.50 | 5.50 |
| | 1.0 = 1" | 50 | 45.00 | 5.00 | 65 | 58.50 | 6.50 |
| | 1.25 = 1 1/4" | 55 | 49.50 | 5.50 | 76 | 68.40 | 7.60 |
| | 1.5=1 1/2" | 60 | 54.00 | 6.00 | 86 | 77.40 | 8.60 |
| | 2.0=2" | 73 | 65.70 | 7.30 | 96 | 86.40 | 9.60 |
| | 2.5=2 1/2" | 84 | 75.60 | 8.40 | 106 | 95.40 | 10.60 |
| | 3.0=3" | 94 | 84.60 | 9.40 | 106 | 95.40 | 10.60 |

| | | Model 58B Screening Plant | | | Model 68C/61A Screening Plant | | |
|---|---|---|---|---|---|---|---|
| For Aggregates, Asphalt Millings, Etc. 60%-40% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% |
| | 0.5 =1/2" | 50 | 30.00 | 20.00 | 74 | 44.40 | 29.60 |
| | 0.75 = 3/4" | 60 | 36.00 | 24.00 | 87 | 52.20 | 34.80 |
| | 1.0 = 1" | 71 | 42.60 | 28.40 | 102 | 61.20 | 40.80 |
| | 1.25 = 1 1/4" | 80 | 48.00 | 32.00 | 119 | 71.40 | 47.60 |
| | 1.5 = 1 1/2" | 90 | 54.00 | 36.00 | 125 | 75.00 | 50.00 |
| | 2.0 = 2" | 105 | 63.00 | 42.00 | 125 | 75.00 | 50.00 |
| | 2.5 = 2 1/2" | 105 | 63.00 | 42.00 | 125 | 75.00 | 50.00 |
| | 3.0 = 3" | 105 | 63.00 | 42.00 | 125 | 75.00 | 50.00 |
| For Aggregates, Asphalt Millings, Etc. 90%/10% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% |
| | 0.5 =1/2" | 35 | 31.50 | 3.50 | 60 | 54.00 | 6.00 |
| | 0.75 = 3/4" | 42 | 37.80 | 4.20 | 72 | 64.80 | 7.20 |
| | 1.0 = 1" | 52 | 46.80 | 5.20 | 85 | 76.50 | 8.50 |
| | 1.25 = 1 1/4" | 55 | 49.50 | 5.50 | 96 | 86.40 | 9.60 |
| | 1.5 = 1 1/2" | 60 | 54.00 | 6.00 | 112 | 100.80 | 11.20 |
| | 2.0 = 2" | 70 | 63.00 | 7.00 | 120 | 108.00 | 12.00 |
| | 2.5 = 2 1/2" | 70 | 63.00 | 7.00 | 120 | 108.00 | 12.00 |
| | 3.0 = 3" | 70 | 63.00 | 7.00 | 120 | 108.00 | 12.00 |
| For Top Soil 60%-40% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 60% | Yield Rate in Cubic Yards Overs @ 40% |
| | 0.1875=3/16" | 18 | 10.80 | 7.20 | 22 | 13.20 | 8.80 |
| | 0.25=1/4" | 28 | 16.80 | 11.20 | 33 | 19.80 | 13.20 |
| | 0.375=3/8" | 45 | 27.00 | 18.00 | 56 | 33.60 | 22.40 |
| | 0.5 =1/2" | 56 | 33.60 | 22.40 | 70 | 42.00 | 28.00 |
| | 0.75 = 3/4" | 64 | 38.40 | 25.60 | 84 | 50.40 | 33.60 |
| | 1.0 = 1" | 75 | 45.00 | 30.00 | 96 | 57.60 | 38.40 |
| | 1.25 = 1 1/4" | 86 | 51.60 | 34.40 | 108 | 64.80 | 43.20 |
| | 1.5=1 1/2" | 98 | 58.80 | 39.20 | 115 | 69.00 | 46.00 |
| | 2.0=2" | 108 | 64.80 | 43.20 | 120 | 72.00 | 48.00 |
| For Top Soil 90%-10% Split | Screen Opening Size | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% | Feed Rate in Cubic Yards per Hour | Yield Rate in Cubic Yards Fines @ 90% | Yield Rate in Cubic Yards Overs @ 10% |
| | 0.1875=3/16" | 14 | 12.60 | 1.40 | 20 | 18.00 | 2.00 |
| | 0.25=1/4" | 23 | 20.70 | 2.30 | 30 | 27.00 | 3.00 |
| | 0.375=3/8" | 36 | 32.40 | 3.60 | 49 | 44.10 | 4.90 |
| | 0.5 =1/2" | 46 | 41.40 | 4.60 | 60 | 54.00 | 6.00 |
| | 0.75 = 3/4" | 54 | 48.60 | 5.40 | 71 | 63.90 | 7.10 |
| | 1.0 = 1" | 66 | 59.40 | 6.60 | 83 | 74.70 | 8.30 |
| | 1.25 = 1 1/4" | 72 | 64.80 | 7.20 | 94 | 84.60 | 9.40 |
| | 1.5=1 1/2" | 85 | 76.50 | 8.50 | 104 | 93.60 | 10.40 |
| | 2.0=2" | 97 | 87.30 | 9.70 | 112 | 100.80 | 11.20 |

## Feed Rate Assumptions:

- The Feeding Rate is steady.
- The numbers are estimates and only actual operation on site will prove performance levels.
- The Top Soil is not wet, sticky, gummy or blue clay.
- The Top Soil will ball in your hand, crumble freely when the ball is broken
- Compost Material is well composted @ 30% moisture or less.
- The Compost will ball in your hand, crumble freely when the ball is broken.
- The Mulch has been chipped, not hammer mill processed.
- If the Mulch has been hammer milled, reduce feed rates shown by 25%

- **Notes:** Estimated production rates shown are taken from interpolated performance of machines, being used on actual job sites. Please consider they assume the materials are fit for screening and that hourly production rates indicated are those calculated from steady running without interruptions.