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LAMPIRAN

Lampiran 1. Denah Percobaan

| | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|------|
| U3 | A0I3 | A1I1 | A1I2 | A1I3 | A2I1 | A2I2 | A2I3 | A3I1 | A3I2 | A3I3 |
| U2 | A0I2 | A1I1 | A1I2 | A1I3 | A2I1 | A2I2 | A2I3 | A3I1 | A3I2 | A3I3 |
| U1 | A0I1 | A1I1 | A1I2 | A1I3 | A2I1 | A2I2 | A2I3 | A3I1 | A3I2 | A3I3 |



Keterangan :

A0 : Kontrol

A1 : 15 g Kompos aerob

A2 : 15 g Kompos anaerob

A3 : 15 g Kombinasi aerob dan anaerob

I1 : Inkubasi 1 minggu

I2 : Inkubasi 2 minggu

I3 : Inkubasi 3 minggu

Lampiran 2. Kriteria penilaian hasil analisis tanah

| Parameter tanah * | Nilai | | | | |
|---|---------------|---------|----------|---------|---------------|
| | Sangat rendah | Rendah | Sedang | Tinggi | Sangat tinggi |
| C (%) | <1 | 1-2 | 2-3 | 3-5 | >5 |
| N (%) | <0,1 | 0,1-0,2 | 0,21-0,5 | 0,75 | >0,75 |
| C/N | <5 | 5-10 | 11-15 | 16-25 | >25 |
| P ₂ O ₅ HCl 25% (mg/100g) | <15 | 15-20 | 21-40 | 41-60 | >60 |
| P ₂ O ₅ Bray (ppm P) | <4 | 5-7 | 8-10 | 11-15 | >15 |
| P ₂ O ₅ Olsen (ppm P) | <5 | 5-10 | 11-15 | 16-20 | >20 |
| K ₂ O HCl 25% (mg/100g) | <10 | 10-20 | 21-40 | 41-60 | >60 |
| KTK/CEC (me/100 g tanah) | <5 | 5-16 | 17-24 | 25-40 | >40 |
| Susunan kation | | | | | |
| Ca (me/100 g tanah) | <2 | 2-5 | 6-10 | 11-20 | >20 |
| Mg (me/100 g tanah) | <0,3 | 0,4-1 | 1,1-2,0 | 2,1-8,0 | >8 |
| K (me/100 g tanah) | <0,1 | 0,1-0,3 | 0,4-0,5 | 0,6-1,0 | >1 |
| Na (me/100 g tanah) | <0,1 | 0,1-0,3 | 0,4-0,7 | 0,8-1,0 | >1 |
| Kejenuhan Basa (%) | <20 | 20-40 | 41-60 | 61-80 | >80 |
| Kejenuhan Alumunium (%) | <5 | 5-10 | 1-20 | 20-40 | >40 |
| Cadangan mineral (%) | <5 | 5-10 | 11-20 | 20-40 | >40 |
| Salinitas/DHL (dS/m) | <1 | 1-2 | 2-3 | 3-4 | >4 |
| Persentase natrium dapat tukar/ESP (%) | <2 | 2-3 | 5-10 | 10-15 | >15 |

| | Sangat masam | Masam | Agak masam | Netral | Agak alkalis | Alkalis |
|---------------------|--------------|---------|------------|---------|--------------|---------|
| pH H ₂ O | <4,5 | 4,5-5,5 | 5,5-6,5 | 6,6-7,5 | 7,6-8,5 | >8,5 |

| Kriteria | Ekstrak Aluminium dengan 1M KCL (me/100 g tanah ⁻¹) |
|---------------|---|
| Rendah | < 0.5 |
| Sedang | 0.5 - 1.0 |
| Tinggi* | 1.0 - 2.5 |
| Sangat Tinggi | > 2.5 |

*Menjadi racun jika bahan organik di tanah rendah
(Sumber : Hill Laboratories (www.hill-laboratories.com))

Lampiran 3. Olah Data

Tabel.1 Hasil Analisis Kompos Tapak Kuda

| Jenis Kompos | pH | C-Organik (%) | N-Total (%) | P (ppm) | K (cmol/kg) |
|--------------|------|---------------|-------------|---------|-------------|
| Aerob | 6,86 | 16,02 | 1,96 | 0,78 | 1,43 |
| Anaerob | 7,84 | 15,76 | 1,34 | 1,09 | 1,48 |

Tabel 2a. Pengamatan Tinggi Tanaman Sawi 21 HST

| Perlakuan | Ulangan | | | Total | Rata-rata |
|--------------|---------|------|-------|-------|-----------|
| | I | II | III | | |
| A0I1 | 11 | 12 | 12 | 35 | 11,67 |
| A0I2 | 11 | 11 | 12 | 34 | 11,33 |
| A0I3 | 11 | 10 | 12 | 33 | 11,00 |
| A1I1 | 16 | 14 | 15 | 45 | 15,00 |
| A1I2 | 15,5 | 13 | 10 | 38,5 | 12,83 |
| A1I3 | 14,5 | 13 | 12 | 39,5 | 13,17 |
| A2I1 | 15,5 | 13,5 | 12,5 | 41,5 | 13,83 |
| A2I2 | 13,5 | 15,5 | 13 | 42 | 14,00 |
| A2I3 | 13 | 13,5 | 12 | 38,5 | 12,83 |
| A3I1 | 11 | 16 | 12 | 39 | 13,00 |
| A3I2 | 15,5 | 13,5 | 12 | 41 | 13,67 |
| A3I3 | 13,5 | 13 | 12 | 38,50 | 12,83 |
| Total | 161 | 158 | 146,5 | 465,5 | 12,93 |

Tabel 2b. Sidik Ragam Tinggi Tanaman Sawi 21 HST

| Tabel Sidik Ragam | | | | | | | |
|-------------------|-----|-------|-------|------|-----------|---------|-------|
| SK | DB | JK | KT | F. | F. HITUNG | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 44,24 | 4,02 | 1,78 | * | 2.22 | 27.13 |
| A | 3 | 31,85 | 10,62 | 4,69 | * | 3.01 | 4.72 |
| I | 2 | 5,06 | 2,53 | 1,12 | tn | 3.40 | 5.61 |
| AI | 6 | 7,33 | 1,22 | 0,54 | tn | 2.51 | 3.67 |
| Galat | 24 | 54,33 | 2,26 | | | | |
| Total | 35 | 98,58 | | | | | |
| KK | 12% | | | | | | |

Keterangan : tn : tidak nyata, * : berbeda nyata

Tabel 2c. Uji Lanjut Tinggi Tanaman Sawi 21 HST

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|----------------------|---------------------|---------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 11.67 ^{bc} | 11.33 ^{ab} | 11.00 ^a | 11.33 |
| A1 | 15.00 ^{hij} | 12.83 ^{cd} | 13.17 ^{ef} | 13.67 |
| A2 | 13.83 ^{gh} | 14.00 ^{hi} | 12.83 ^{cd} | 13.56 |
| A3 | 13.00 ^{de} | 13.67 ^{fg} | 12.83 ^{cd} | 13.17 |
| Rata-Rata | 13.38 | 12.96 | 12.46 | 12.93 |
| NP BNT | 1.27 | | | |

Tabel 3a. Pengamatan Jumlah Daun Tanaman Sawi 21 HST

| Perlakuan | Ulangan | | | Total | Rata-rata |
|--------------|---------|----|-----|-------|-----------|
| | I | II | III | | |
| A0I1 | 6 | 6 | 7 | 19 | 6,33 |
| A0I2 | 6 | 6 | 5 | 17 | 5,67 |
| A0I3 | 6 | 5 | 6 | 17 | 5,67 |
| A1I1 | 6 | 6 | 7 | 19 | 6,33 |
| A1I2 | 6 | 6 | 5 | 17 | 5,67 |
| A1I3 | 6 | 5 | 6 | 17 | 5,67 |
| A2I1 | 7 | 6 | 7 | 20 | 6,67 |
| A2I2 | 5 | 6 | 6 | 17 | 5,67 |
| A2I3 | 6 | 6 | 5 | 17 | 5,67 |
| A3I1 | 7 | 8 | 8 | 23 | 7,67 |
| A3I2 | 6 | 6 | 6 | 18 | 6,00 |
| A3I3 | 5 | 6 | 6 | 17,00 | 5,67 |
| Total | 72 | 72 | 74 | 218 | 6,06 |

Tabel 3b. Sidik Ragam Jumlah Daun Tanaman Sawi 21 HST

| Tabel Sidik Ragam | | | | | | | |
|-------------------|----|-------|------|-------|-----------|---------|-------|
| SK | DB | JK | KT | F. | F. HITUNG | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 12,56 | 1,14 | 3,74 | * | 2.22 | 27.13 |
| A | 3 | 1,89 | 0,63 | 2,06 | tn | 3.01 | 4.72 |
| I | 2 | 8,72 | 4,36 | 14,27 | ** | 3.40 | 5.61 |
| AI | 6 | 1,94 | 0,32 | 1,06 | tn | 2.51 | 3.67 |
| Galat | 24 | 7,33 | 0,31 | | | | |
| Total | 35 | 19,89 | | | | | |
| KK | 9% | | | | | | |

Keterangan : tn : tidak nyata, * : berbeda nyata,** : berbeda sangat nyata

Tabel 3c. Uji Lanjut Jumlah Daun Tanaman Sawi 21 HST

| Perlakuan | | | | Rata-Rata |
|------------------|--------------------|--------------------|-------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 6.33 ^{bc} | 5.67 ^a | 5.67 ^a | 5.89 |
| A1 | 6.33 ^{bc} | 5.67 ^a | 5.67 ^a | 5.89 |
| A2 | 6.67 ^{cd} | 5.67 ^a | 5.67 ^a | 6.00 |
| A3 | 7.67 ^e | 6.00 ^{ab} | 5.67 ^a | 6.44 |
| Rata-Rata | 6.75 | 5.75 | 5.67 | 6.06 |
| NP BNT | 0.46 | | | |

Tabel 4a. Data Pengamatan Berat Basah Tanaman Sawi 21 HST

| Perlakuan | Ulangan | | | Total | Rata-rata |
|--------------|---------|-------|--------|--------|-----------|
| | I | II | III | | |
| A0I1 | 12,6 | 12,64 | 12,64 | 37,88 | 12,63 |
| A0I2 | 12,6 | 12,6 | 12,64 | 37,84 | 12,61 |
| A0I3 | 12,6 | 12,55 | 12,64 | 37,79 | 12,60 |
| A1I1 | 12,82 | 12,73 | 12,77 | 38,32 | 12,7;7 |
| A1I2 | 12,79 | 12,68 | 12,55 | 38,02 | 12,67 |
| A1I3 | 12,75 | 12,68 | 12,64 | 38,07 | 12,69 |
| A2I1 | 12,79 | 12,71 | 12,66 | 38,16 | 12,72 |
| A2I2 | 12,71 | 12,79 | 12,68 | 38,18 | 12,73 |
| A2I3 | 12,68 | 12,71 | 12,64 | 38,03 | 12,68 |
| A3I1 | 12,6 | 12,82 | 12,64 | 38,06 | 12,69 |
| A3I2 | 12,79 | 12,71 | 12,64 | 38,14 | 12,71 |
| A3I3 | 12,71 | 12,68 | 12,64 | 38,03 | 12,68 |
| Total | 152,44 | 152,3 | 151,78 | 456,52 | 12,68 |

Tabel 4b. Sidik Ragam Berat Basah Tanaman Sawi 21 HST

| Tabel Sidik Ragam | | | | | | | |
|--------------------------|----|-------|-------|------|----|---------|-------|
| SK | DB | JK | KT | F. | | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 0,084 | 0,008 | 1,76 | * | 2.22 | 27.13 |
| A | 3 | 0,059 | 0,020 | 4,53 | * | 3.01 | 4.72 |
| I | 2 | 0,010 | 0,005 | 1,20 | tn | 3.40 | 5.61 |
| AI | 6 | 0,015 | 0,002 | 0,57 | tn | 2.51 | 3.67 |
| Galat | 24 | 0,104 | 0,004 | | | | |
| Total | 35 | 0,188 | | | | | |
| KK | 1% | | | | | | |

Keterangan : tn : tidak nyata, * : berbeda nyata

Tabel 4c. Uji Lanjut Berat Basah Tanaman Sawi 21 HST

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|----------------------|---------------------|---------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 12.63 ^{bc} | 12.61 ^{ab} | 12.60 ^a | 12.61 |
| A1 | 12.77 ^{ij} | 12.67 ^{cd} | 12.69 ^{de} | 12.71 |
| A2 | 12.72 ^{gh} | 12.73 ^{hi} | 12.68 ^d | 12.71 |
| A3 | 12.69 ^{def} | 12.71 ^{fg} | 12.68 ^d | 12.69 |
| Rata-Rata | 12.7 | 12.68 | 12.66 | 12.68 |
| NP BNT | 0.06 | | | |

Tabel 5a. Analisis pH

| Perlakuan | Ulangan | | | Total | Rata-rata |
|-----------|---------|------|-------|--------|-----------|
| | I | II | III | | |
| A0I1 | 7 | 7 | 7 | 21 | 7,00 |
| A0I2 | 6,99 | 6,99 | 6,99 | 20,97 | 6,99 |
| A0I3 | 7 | 7 | 7 | 21 | 7,00 |
| A1I1 | 7,31 | 7,99 | 7,11 | 22,41 | 7,47 |
| A1I2 | 6,29 | 6,31 | 6,14 | 18,74 | 6,25 |
| A1I3 | 6,24 | 6,04 | 6,2 | 18,48 | 6,16 |
| A2I1 | 7,35 | 7,1 | 7,18 | 21,63 | 7,21 |
| A2I2 | 6,26 | 6,26 | 6,19 | 18,71 | 6,24 |
| A2I3 | 6,28 | 6,26 | 6,25 | 18,79 | 6,26 |
| A3I1 | 7,63 | 7,94 | 7,15 | 22,72 | 7,57 |
| A3I2 | 6,26 | 6,19 | 6,17 | 18,62 | 6,21 |
| A3I3 | 6,38 | 6,32 | 6,24 | 18,94 | 6,31 |
| Total | 80,99 | 81,4 | 79,62 | 242,01 | 6,72 |

Tabel 5b. Sidik Ragam pH

| Tabel Sidik Ragam | | | | | | | |
|-------------------|----|-------|------|--------------|----|---------|-------|
| SK | DB | JK | KT | F. HITUNG | * | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 9,51 | 0,86 | 24,91 | * | 2.22 | 27.13 |
| A | 3 | 0,98 | 0,33 | 9,37 | ** | 3.01 | 4.72 |
| I | 2 | 6,28 | 3,14 | 90,56 | ** | 3.40 | 5.61 |
| AI | 6 | 2,25 | 0,37 | 10,79 | ** | 2.51 | 3.67 |
| Galat | 24 | 0,83 | 0,03 | | | | |
| Total | 35 | 10,34 | | | | | |
| KK | 3% | | | | | | |

Keterangan : * : berbeda nyata, ** : berbeda sangat nyata

Tabel 5a c. Uji Lanjut pH

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|--------------------|--------------------|--------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 7.00 ^{gh} | 6.99 ^g | 7.00 ^{gh} | 7.00 |
| A1 | 7.47 ^j | 6.25 ^{cd} | 6.16 ^a | 6.63 |
| A2 | 7.21 ⁱ | 6.24 ^{bc} | 6.26 ^{de} | 6.57 |
| A3 | 7.57 ^{jk} | 6.21 ^{ab} | 6.31 ^{ef} | 6.7 |
| Rata-Rata | 7.31 | 6.42 | 6.43 | 6.72 |
| NP BNT | 0.16 | | | |

Tabel 6a. Analisis C-Organik

| Perlakuan | Ulangan | | | Total | Rata-rata |
|-------------|---------|-------|-------|-------|-----------|
| | I | II | III | | |
| A0I1 | 0,78 | 0,78 | 0,78 | 2,34 | 0,78 |
| A0I2 | 0,68 | 0,68 | 0,68 | 2,04 | 0,68 |
| A0I3 | 0,63 | 0,63 | 0,63 | 1,89 | 0,63 |
| A1I1 | 1,83 | 1,77 | 1,62 | 5,22 | 1,74 |
| A1I2 | 1,27 | 1,35 | 1,69 | 4,31 | 1,44 |
| A1I3 | 1,01 | 0,72 | 0,75 | 2,48 | 0,83 |
| A2I1 | 2,04 | 2,06 | 1,58 | 5,68 | 1,89 |
| A2I2 | 1,21 | 0,65 | 0,9 | 2,76 | 0,92 |
| A2I3 | 0,96 | 0,86 | 0,91 | 2,73 | 0,91 |
| A3I1 | 1,47 | 1,12 | 1,07 | 3,66 | 1,22 |
| A3I2 | 1,28 | 1,22 | 1,35 | 3,85 | 1,28 |
| A3I3 | 0,96 | 0,92 | 1,31 | 3,19 | 1,06 |
| Grand Total | 14,12 | 12,76 | 13,27 | 40,15 | 1,12 |

Tabel 6b. Sidik Ragam C-Organik

| Tabel Sidik Ragam | | | | | | | |
|-------------------|-----|------|------|--------------|----|---------|-------|
| SK | DB | JK | KT | F. HITUNG | * | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 5,53 | 0,50 | 17,75 | * | 2.22 | 27.13 |
| A | 3 | 2,20 | 0,73 | 25,92 | ** | 3.01 | 4.72 |
| I | 2 | 1,84 | 0,92 | 32,56 | ** | 3.40 | 5.61 |
| AI | 6 | 1,48 | 0,25 | 8,73 | ** | 2.51 | 3.67 |
| Galat | 24 | 0,68 | 0,03 | | | | |
| Total | 35 | 6,20 | | | | | |
| KK | 15% | | | | | | |

Keterangan : * : berbeda nyata,** : berbeda sangat nyata

Tabel 6c. Uji Lanjut C-Organik

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|--------------------|--------------------|--------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 0.78 ^{bc} | 0.68 ^{ab} | 0.63 ^a | 0.70 |
| A1 | 1.74 ^k | 1.44 ^j | 0.83 ^{cd} | 1.33 |
| A2 | 1.89 ^l | 0.92 ^{ef} | 0.91 ^{de} | 1.24 |
| A3 | 1.22 ^h | 1.28 ^{hi} | 1.06 ^{fg} | 1.19 |
| Rata-Rata | 1.41 | 1.08 | 0.86 | 1.12 |
| NP BNT | 0.14 | | | |

Tabel 7a. Analisis N-Total

| Perlakuan | Ulangan | | | Total | Rata-rata |
|-----------|---------|------|------|-------|-----------|
| | I | II | III | | |
| A0I1 | 0,31 | 0,31 | 0,31 | 0,93 | 0,31 |
| A0I2 | 0,31 | 0,31 | 0,31 | 0,93 | 0,31 |
| A0I3 | 0,31 | 0,31 | 0,31 | 0,93 | 0,31 |
| A1I1 | 0,34 | 0,4 | 0,39 | 1,13 | 0,38 |
| A1I2 | 0,31 | 0,31 | 0,35 | 0,97 | 0,32 |
| A1I3 | 0,31 | 0,33 | 0,33 | 0,97 | 0,32 |
| A2I1 | 0,37 | 0,37 | 0,36 | 1,1 | 0,37 |
| A2I2 | 0,31 | 0,34 | 0,31 | 0,96 | 0,32 |
| A2I3 | 0,31 | 0,31 | 0,31 | 0,93 | 0,31 |
| A3I1 | 0,34 | 0,34 | 0,37 | 1,05 | 0,35 |
| A3I2 | 0,32 | 0,32 | 0,33 | 0,97 | 0,32 |
| A3I3 | 0,31 | 0,34 | 0,31 | 0,96 | 0,32 |
| Total | 3,85 | 3,99 | 3,99 | 11,83 | 0,33 |

Tabel 7b. Sidik Ragam N-total

| Tabel Sidik Ragam | | | | | | | |
|-------------------|----|--------|--------|--------------|----|---------|-------|
| SK | DB | JK | KT | F. HITUNG | * | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 0,017 | 0,002 | 7,16 | * | 2.22 | 27.13 |
| A | 3 | 0,005 | 0,002 | 7,05 | ** | 3.01 | 4.72 |
| I | 2 | 0,0090 | 0,0045 | 20,15 | ** | 3.40 | 5.61 |
| AI | 6 | 0,004 | 0,001 | 2,88 | * | 2.51 | 3.67 |
| Galat | 24 | 0,005 | 0,0002 | | | | |
| Total | 35 | 0,023 | | | | | |
| KK | 5% | | | | | | |

Keterangan : * : berbeda nyata,** : berbeda sangat nyata

Tabel 7c. Uji Lanjut N-Total

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|---------|---------------------|--------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 0.31a | 0.31a | 0.31 ^a | 0.31 |
| A1; | 0.38ef | 0.32abc | 0.32 ^{ab} | 0.34 |
| A2 | 0.37e | 0.32ab | 0.31 ^a | 0.33 |
| A3 | 0.35d | 0.32 ^{abc} | 0.32 ^{ab} | 0.33 |
| Rata-Rata | 0.35 | 0.32 | 0.32 | 0.33 |
| NP BNT | 0.01 | | | |

Tabel 8a. Analisis K

| Perlakuan | Ulangan | | | Total | Rata-rata |
|-----------|---------|------|------|-------|-----------|
| | I | II | III | | |
| A0I1 | 0,13 | 0,13 | 0,13 | 0,39 | 0,13 |
| A0I2 | 0,12 | 0,12 | 0,12 | 0,36 | 0,12 |
| A0I3 | 0,13 | 0,13 | 0,13 | 0,39 | 0,13 |
| A1I1 | 0,20 | 0,24 | 0,22 | 0,66 | 0,22 |
| A1I2 | 0,19 | 0,21 | 0,26 | 0,66 | 0,22 |
| A1I3 | 0,3 | 0,48 | 0,35 | 1,13 | 0,38 |
| A2I1 | 0,15 | 0,24 | 0,24 | 0,63 | 0,21 |
| A2I2 | 0,27 | 0,24 | 0,29 | 0,8 | 0,27 |
| A2I3 | 0,34 | 0,49 | 0,35 | 1,18 | 0,39 |
| A3I1 | 0,17 | 0,21 | 0,24 | 0,62 | 0,21 |
| A3I2 | 0,25 | 0,32 | 0,31 | 0,88 | 0,29 |
| A3I3 | 0,35 | 0,43 | 0,32 | 1,10 | 0,37 |
| Total | 2,6 | 3,24 | 2,96 | 8,8 | 0,24 |

Tabel 8b. Sidik Ragam K

| Tabel Sidik Ragam | | | | | | | |
|-------------------|-----|------|-------|--------------|----|---------|-------|
| SK | DB | JK | KT | F. HITUNG | * | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 0,31 | 0,03 | 12,67 | * | 2.22 | 27.13 |
| A | 3 | 0,17 | 0,06 | 25,30 | ** | 3.01 | 4.72 |
| I | 2 | 0,10 | 0,05 | 22,68 | ** | 3.40 | 5.61 |
| AI | 6 | 0,04 | 0,01 | 3,01 | * | 2.51 | 3.67 |
| Galat | 24 | 0,05 | 0,002 | | | | |
| Total | 35 | 0,36 | | | | | |
| KK | 19% | | | | | | |

Keterangan : * : berbeda nyata,** : berbeda sangat nyata

Tabel 8c. Uji Lanjut K

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|--------------------|--------------------|--------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 0.13 ^{ab} | 0.12 ^a | 0.13 ^{ab} | 0.13 |
| A1 | 0.22 ^{cd} | 0.22 ^{cd} | 0.38 ^{gh} | 0.27 |
| A2 | 0.21 ^c | 0.27 ^e | 0.39 ^{hi} | 0.29 |
| A3 | 0.21 ^c | 0.29 ^{ef} | 0.37 ^g | 0.29 |
| Rata-Rata | 0.19 | 0.23 | 0.23 | 0.24 |
| NP BNT | 0.04 | | | |

Tabel 9a. Analisis KTK

| Perlakuan | Ulangan | | | Total | Rata-rata |
|-----------|---------|--------|--------|--------|-----------|
| | I | II | III | | |
| A0I1 | 17,62 | 17,62 | 17,62 | 52,86 | 17,62 |
| A0I2 | 17,27 | 17,27 | 17,27 | 51,81 | 17,27 |
| A0I3 | 17,62 | 17,62 | 17,62 | 52,86 | 17,62 |
| A1I1 | 16,08 | 17,9 | 17,13 | 51,11 | 17,04 |
| A1I2 | 28,65 | 28,51 | 18,69 | 75,85 | 25,28 |
| A1I3 | 14,19 | 13,15 | 15,14 | 42,48 | 14,16 |
| A2I1 | 12,14 | 13,46 | 16,12 | 41,72 | 13,91 |
| A2I2 | 14,85 | 14,85 | 18,27 | 47,97 | 15,99 |
| A2I3 | 11,82 | 13,18 | 14,69 | 39,69 | 13,23 |
| A3I1 | 14,91 | 14,97 | 12,19 | 42,07 | 14,02 |
| A3I2 | 13,4 | 15,39 | 14,11 | 42,9 | 14,30 |
| A3I3 | 11,82 | 14,69 | 14,16 | 40,67 | 13,56 |
| Total | 190,37 | 198,61 | 193,01 | 581,99 | 16,17 |

Tabel 9b. Sidik Ragam KTK

| Tabel Sidik Ragam | | | | | | | |
|-------------------|-----|--------|-------|--------------|----|---------|-------|
| SK | DB | JK | KT | F. HITUNG | * | F TABEL | |
| | | | | | | 0,05 | 0,01 |
| Perlakuan | 11 | 95,19 | 8,65 | 3,47 | * | 2.22 | 27.13 |
| A | 3 | 67,53 | 22,51 | 9,02 | ** | 3.01 | 4.72 |
| I | 2 | 7,42 | 3,71 | 1,49 | tn | 3.40 | 5.61 |
| AI | 6 | 20,24 | 3,37 | 1,35 | tn | 2.51 | 3.67 |
| Galat | 24 | 59,88 | 2,50 | | | | |
| Total | 35 | 155,07 | | | | | |
| KK | 10% | | | | | | |

Keterangan : tn : tidak nyata, * : berbeda nyata,** : berbeda sangat nyata

Tabel 9c. Uji Lanjut KTK

| Perlakuan | Ulangan | | | Rata-Rata |
|------------------|-----------------------|-------------------------|------------------------|-----------|
| | I1 | I2 | I3 | |
| A0 | 17.62 ^{ijk} | 17.27 ^{hij} | 17.62 ^{ijk} | 17.50 |
| A1 | 17.04 ^{hi} | 14.67 ^{bcdefg} | 14.16 ^{abcde} | 15.29 |
| A2 | 13.91 ^{abc} | 15.99 ^{gh} | 13.23 ^a | 14.38 |
| A3 | 14.02 ^{abcd} | 14.30 ^{abcdef} | 13.56 ^{ab} | 13.96 |
| Rata-Rata | 15.65 | 15.56 | 14.64 | 15.28 |
| NP BNT | 1.33 | | | |

Tabel 10a. Analisis P-Tersedia

| Perlakuan | Ulangan | | | Total | Rata-rata |
|--------------|---------|--------|--------|--------|-----------|
| | I | II | III | | |
| A0I1 | 6,92 | 6,92 | 6,92 | 20,76 | 6,92 |
| A0I2 | 6,92 | 6,92 | 6,92 | 20,76 | 6,92 |
| A0I3 | 6,74 | 6,74 | 6,74 | 20,22 | 6,74 |
| A1I1 | 18,75 | 15,17 | 16,47 | 50,39 | 16,80 |
| A1I2 | 18,39 | 18,17 | 14,89 | 51,45 | 17,15 |
| A1I3 | 12,43 | 9,29 | 13,86 | 35,58 | 11,86 |
| A2I1 | 18,12 | 16,16 | 17,67 | 51,95 | 17,32 |
| A2I2 | 12,64 | 11,14 | 11,1 | 34,88 | 11,63 |
| A2I3 | 17,33 | 1,19 | 11,66 | 30,18 | 10,06 |
| A3I1 | 17 | 10,24 | 11,16 | 38,4 | 12,80 |
| A3I2 | 14,51 | 10,56 | 11,9 | 36,97 | 12,32 |
| A3I3 | 15,32 | 10,73 | 11,88 | 37,93 | 12,64 |
| Total | 165,07 | 123,23 | 141,17 | 429,47 | 11,93 |

Tabel 10b. Sidik Ragam P

| Tabel Sidik Ragam | | | | | | | |
|-------------------|-----------|---------------|--------|-------|----|---------|-------|
| SK | DB | JK | KT | F. | F. | F TABEL | |
| | | | | | | HITUNG | 0,05 |
| Perlakuan | 11 | 486,30 | 44,21 | 5,07 | * | 2.22 | 27.13 |
| A | 3 | 345,91 | 115,30 | 13,22 | ** | 3.01 | 4.72 |
| I | 2 | 58,98 | 29,49 | 3,38 | * | 3.40 | 5.61 |
| AI | 6 | 81,41 | 13,57 | 1,56 | tn | 2.51 | 3.67 |
| Galat | 24 | 209,28 | 8,72 | | | | |
| Total | 35 | 695,58 | | | | | |
| KK | 25% | | | | | | |

Keterangan : tn : tidak nyata, * : berbeda nyata,** : berbeda sangat nyata

Tabel 10c. Uji Lanjut P

| Perlakuan | | | | Rata-Rata |
|------------------|---------------------|---------------------|---------------------|------------------|
| | I1 | I2 | I3 | |
| A0 | 6.92 ^{ab} | 6.92 ^{ab} | 6.74 ^a | 6.86 |
| A1 | 16.80 ⁱ | 17.15 ^{ij} | 11.86 ^{de} | 15.27 |
| A2 | 17.32 ^{jk} | 11.63 ^{cd} | 10.06 ^c | 13.00 |
| A3 | 12.80 ^{gh} | 12.32 ^{ef} | 12.64 ^{fg} | 12.59 |
| Rata-Rata | 13.46 | 12.01 | 12.01 | 11.93 |
| NP BNT | | 2.48 | | |

Lampiran 4. Dokumentasi



Gambar.1 Sampel Tanah



a). Analisis P



b). Analisi KTK dan K-Tersedia



c). Analisis C-Organik



d).Analisis N-Total



Gambar.2 Analisis Laboratorium



a). Proses Pencacahan Tanaman Tapak Kuda



b). Pencampuran dan Pengadukan Kompos Tapak Kuda



Gambar.3 Proses Pembuatan Kompos



Gambar.4 Kompos yang sudah jadi setelah 2 minggu proses pengomposan



Gambar.5 penyemaian Tanaman Sawi 7 hari HST



a). Tanaman Sawi 1 Minggu HST



b). Tanaman Sawi 2 Minggu HST



c). Tanaman Sawi 3 Minggu HST

Gambar.6 Pertumbuhan Tanaman Sawi 1-3 M

