

## LAMPIRAN

### Lampiran 1 dokumentasi



5.1 Benih kangkung



5.2 Benih kangkung



5.3 Timbangan digital



5.4 Alat kelmbapan  
tanah



5.5 Timbangan gantung



5.6 Bobot buah



5.7 Bobot kangkung



5.8 Panen kangkung



5.9 Panjang timun



5.10 Buah timun



5.11 Monokultur timun



5.12 Satu baris



5.13 Dua baris berjajar



5.14 Dua baris berseling

## Lampiran 2 Hasil Analisis Sidik Ragam Pertumbuhan Timun

### Tabel Anova tinggi timun

#### 14 HST

| SK        | DB | JK      | KT     | F HIT       | F TABEL |    |       |    |
|-----------|----|---------|--------|-------------|---------|----|-------|----|
|           |    |         |        |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 37.625  | 18.813 | 6.933       | 4.459   | tn | 8.649 | tn |
| Perlakuan | 3  | 44.729  | 14.910 | 5.495       | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 21.708  | 2.714  |             |         |    |       |    |
| Total     | 11 | 104.063 |        |             |         |    |       |    |
| KK        |    |         |        | 18.56093653 |         |    |       |    |

#### 28 HST

| SK        | DB | JK      | KT      | F HIT | F TABEL |    |       |    |
|-----------|----|---------|---------|-------|---------|----|-------|----|
|           |    |         |         |       | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 2016.54 | 1008.27 | 4.089 | 4.459   | tn | 8.649 | tn |
| Perlakuan | 3  | 896.167 | 298.722 | 1.212 | 4.066   | *  | 7.591 | tn |
| Galat     | 8  | 1972.45 | 246.557 |       |         |    |       |    |

|       |    |              |             |
|-------|----|--------------|-------------|
| Total | 11 | 4885.16<br>7 |             |
| KK    |    |              | 13.69372927 |

#### 42 HST

| SK        | DB | JK            | KT            | F HIT  | F TABEL |    |       |             |
|-----------|----|---------------|---------------|--------|---------|----|-------|-------------|
|           |    |               |               |        | 0,05    |    | 0,01  |             |
| Ulangan   | 2  | 76164.04<br>2 | 38082.02<br>1 | 46.013 | 4.459   | tn | 8.649 | *           |
| Perlakuan | 3  | 10110.25<br>0 | 3370.083      | 4.072  | 4.066   | *  | 7.591 | tn          |
| Galat     | 8  | 6621.125      | 827.641       |        |         |    |       |             |
| Total     | 11 | 92895.41<br>7 |               |        |         |    |       |             |
| KK        |    |               |               |        |         |    |       | 17.82266013 |

#### 56 HST

| SK        | DB | JK            | KT           | F HIT | F TABEL |   |       |             |
|-----------|----|---------------|--------------|-------|---------|---|-------|-------------|
|           |    |               |              |       | 0,05    |   | 0,01  |             |
| Ulangan   | 2  | 12023.79<br>2 | 6011.89<br>6 | 7.256 | 4.459   | * | 8.649 | tn          |
| Perlakuan | 3  | 2879.167      | 959.722      | 1.158 | 4.066   | * | 7.591 | tn          |
| Galat     | 8  | 6628.708      | 828.589      |       |         |   |       |             |
| Total     | 11 | 21531.66<br>7 |              |       |         |   |       |             |
| KK        |    |               |              |       |         |   |       | 12.58828598 |

#### Lampiran 3

#### Tabel Anova jumlah daun

#### 14 HST

| SK        | DB | JK    | KT    | F HIT | F TABEL |    |       |             |
|-----------|----|-------|-------|-------|---------|----|-------|-------------|
|           |    |       |       |       | 0,05    |    | 0,01  |             |
| Ulangan   | 2  | 0.792 | 0.396 | 2.054 | 4.459   | tn | 8.649 | tn          |
| Perlakuan | 3  | 0.896 | 0.299 | 1.550 | 4.066   | tn | 7.591 | tn          |
| Galat     | 8  | 1.542 | 0.193 |       |         |    |       |             |
| Total     | 11 | 3.229 |       |       |         |    |       |             |
| KK        |    |       |       |       |         |    |       | 19.87859199 |

## 28 HST

| SK        | DB | JK      | KT     | F HIT       | F TABEL |    |       |    |
|-----------|----|---------|--------|-------------|---------|----|-------|----|
|           |    |         |        |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 33.792  | 16.896 | 0.910       | 4.459   | tn | 8.649 | tn |
| Perlakuan | 3  | 46.896  | 15.632 | 0.842       | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 148.542 | 18.568 |             |         |    |       |    |
| Total     | 11 | 229.229 |        |             |         |    |       |    |
| KK        |    |         |        | 17.43956713 |         |    |       |    |

## 42 HST

| SK        | DB | JK       | KT       | F HIT       | F TABEL |    |       |   |
|-----------|----|----------|----------|-------------|---------|----|-------|---|
|           |    |          |          |             | 0,05    |    | 0,01  |   |
| Ulangan   | 2  | 2993.792 | 1496.896 | 53.570      | 4.459   | tn | 8.649 | * |
| Perlakuan | 3  | 1084.396 | 361.465  | 12.936      | 4.066   | ** | 7.591 | * |
| Galat     | 8  | 223.542  | 27.943   |             |         |    |       |   |
| Total     | 11 | 4301.729 |          |             |         |    |       |   |
| KK        |    |          |          | 18.41307273 |         |    |       |   |

## 56 HST

| SK        | DB | JK       | KT      | F HIT      | F TABEL |    |       |    |
|-----------|----|----------|---------|------------|---------|----|-------|----|
|           |    |          |         |            | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 97.542   | 48.771  | 0.218      | 4.459   | tn | 8.649 | tn |
| Perlakuan | 3  | 1233.167 | 411.056 | 1.837      | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 1790.458 | 223.807 |            |         |    |       |    |
| Total     | 11 | 3121.167 |         |            |         |    |       |    |
| KK        |    |          |         | 7.18089131 |         |    |       |    |

## Lampiran 4 Hasil Timun

### Anova panjang buah timun

| SK        | DB | JK       | KT      | F HIT       | F TABEL |    |       |    |
|-----------|----|----------|---------|-------------|---------|----|-------|----|
|           |    |          |         |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 1282.033 | 641.016 | 592.363     | 4.459   | tn | 8.649 | *  |
| Perlakuan | 3  | 8.482    | 2.827   | 2.613       | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 8.657    | 1.082   |             |         |    |       |    |
| Total     | 11 | 1299.172 |         |             |         |    |       |    |
| KK        |    |          |         | 7.116926203 |         |    |       |    |

## Lampiran 5

### Anova diameter buah timun

| SK        | DB | JK      | KT      | F HIT       | F TABEL |    |       |    |
|-----------|----|---------|---------|-------------|---------|----|-------|----|
|           |    |         |         |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 750.698 | 375.349 | 816.623     | 4.459   | tn | 8.649 | *  |
| Perlakuan | 3  | 2.292   | 0.764   | 1.662       | 4.066   | tn | 7.591 | tn |
| Galat     | 8  | 3.677   | 0.460   |             |         |    |       |    |
| Total     | 11 | 756.667 |         |             |         |    |       |    |
| KK        |    |         |         | 6.071320931 |         |    |       |    |

## Lampiran 6

### Anova jumlah buah timun

| SK        | DB | JK      | KT    | F HIT       | F TABEL |    |       |    |
|-----------|----|---------|-------|-------------|---------|----|-------|----|
|           |    |         |       |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 109.547 | 54.77 | 144.14      | 4.459   | ** | 8.649 | *  |
| Perlakuan | 3  | 5.280   | 1.760 | 4.632       | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 3.040   | 0.380 |             |         |    |       |    |
| Total     | 11 | 117.867 |       |             |         |    |       |    |
| KK        |    |         |       | 14.44784532 |         |    |       |    |

## Lampiran 7

### Anova bobot buah/tanaman

| SK        | DB | JK         | KT        | F HIT       | F TABEL |    |       |    |
|-----------|----|------------|-----------|-------------|---------|----|-------|----|
|           |    |            |           |             | 0,05    |    | 0,01  |    |
| Ulangan   | 2  | 1240418.17 | 620209.08 | 22.667      | 4.459   | ** | 8.649 | *  |
| Perlakuan | 3  | 370194.271 | 123398.09 | 4.510       | 4.066   | ** | 7.591 | tn |
| Galat     | 8  | 218889.816 | 27361.227 |             |         |    |       |    |
| Total     | 11 | 1829502.26 |           |             |         |    |       |    |
| KK        |    |            |           | 37.09523594 |         |    |       |    |

## Lampiran 8

### Anova bobot buah/plot

| SK        | DB | JK         | KT        | F HIT       | F TABEL |   |       |    |
|-----------|----|------------|-----------|-------------|---------|---|-------|----|
|           |    |            |           |             | 0,05    |   | 0,01  |    |
| Ulangan   | 2  | 26182129.3 | #####     | 14.61       |         |   |       |    |
| Perlakuan | 3  | 4163139.07 | #####     | 9           | 4.459   | * | 8.649 | *  |
| Galat     | 8  | 7163622.01 | 895452.75 | 1.550       | 4.066   | * | 7.591 | tn |
| Total     | 11 | 37508890.4 |           |             |         |   |       |    |
| KK        |    | 45         |           | 48.22209416 |         |   |       |    |

## Lampiran 9

### Anova bobot/plot kangkung

| SK        | DB | JK      | KT     | F HIT       | F TABEL |    |        |    |
|-----------|----|---------|--------|-------------|---------|----|--------|----|
|           |    |         |        |             | 0,05    |    | 0,01   |    |
| Ulangan   | 2  | 68.496  | 34.248 | 0.592       | 5.143   | tn | 10.925 | tn |
| Perlakuan | 2  | 5.029   | 2.514  | 0.043       | 5.143   | tn | 10.925 | tn |
| Galat     | 6  | 347.138 | 57.856 |             |         |    |        |    |
| Total     | 8  | 420.662 |        |             |         |    |        |    |
| KK        |    |         |        | 6.267807526 |         |    |        |    |

## Lampiran 10

### Hasil usaha tani monokultur timun konversi kg/m<sup>2</sup>

| Monokultur Timun  |                       |              |        |
|-------------------|-----------------------|--------------|--------|
| Uraian            | Jumlah Bahan          | Harga Satuan | Total  |
| A. Biaya Variabel |                       |              |        |
| 1. Benih Timun    | 8 biji                | 300          | 2,400  |
| 2. Pupuk          |                       |              |        |
| Kandang           | 0,5 kg/m <sup>2</sup> | 4.000/kg     | 2,000  |
| NPK               | 0,2 kg/m <sup>2</sup> | 20,000/kg    | 4,000  |
| Urea              | 0,1 kg/m <sup>2</sup> | 8.000/kg     | 800    |
| Tenaga Kerja      |                       | 5000         | 5,000  |
| B. Hasil Produksi |                       |              |        |
| Timun             | 10,50kg               | 3000/kg      | 31,500 |
| C. Total Biaya    |                       |              | 14,200 |
| D. Pendapatan     |                       |              | 31,500 |
| E. R/C            |                       |              | 2,21   |

## Lampiran 11

### Usaha tani pola tanam satu baris timun dan kangkung konversi kg/m<sup>2</sup>

| T1                |                         |              |        |
|-------------------|-------------------------|--------------|--------|
| Uraian            | Jumlah Bahan            | Harga Satuan | Total  |
| A. Biaya Variabel |                         |              |        |
| 1. Benih Timun    | 6 biji                  | 300          | 1,800  |
| 2. Pupuk Kandang  | 0,3 kg/m <sup>2</sup>   | 4,000/kg     | 1,200  |
| NPK               | 0,1 kg/m <sup>2</sup>   | 20,000/kg    | 2,000  |
| Urea              | 0,005 kg/m <sup>2</sup> | 8,000/kg     | 40     |
| Tenaga Kerja      |                         | 5000         | 5,000  |
| B. Hasil Produksi |                         |              |        |
| Timun             | 20,80 kg                | 3,000/kg     | 62,000 |
| Kangkung          | 0,364kg                 | 10,000/kg    | 3,640  |
| C. Total Biaya    |                         |              | 10,040 |
| D. Pendapatan     |                         |              | 65640  |
| E. R/C            |                         |              | 6,5    |

## Lampiran 12

Usaha tani pola tanam dua baris berjajar timun dan kangkung konversi kg/m<sup>2</sup>

| T2                |                        |              |         |
|-------------------|------------------------|--------------|---------|
| Uraian            | Jumlah Bahan           | Harga Satuan | Total   |
| A. Biaya Variabel |                        |              |         |
| 1. Benih Timun    | 3 biji                 | 300/biji     | 900     |
| 2. Pupuk Kandang  | 0,3 kg/m <sup>2</sup>  | 4.000/kg     | 1,200   |
| NPK               | 0,1kg/m <sup>2</sup>   | 20.000/kg    | 2,000   |
| Urea              | 0,005kg/m <sup>2</sup> | 8,000/kg     | 40      |
| Tenaga Kerja      |                        | 5000         | 5,000   |
| B. Hasil Produksi |                        |              |         |
| Timun             | 50,21kg                | 3,000/kg     | 150,630 |
| Kangkung          | 0,366kg                | 10,000/kg    | 3,660   |
| C. Total Biaya    |                        |              | 9,140   |
| D. Pendapatan     |                        |              | 154290  |
| E. R/C            |                        |              | 16,8    |

## Lampiran 13

Usaha tani dua baris berseling timun dan kangkung konversi per/ha

| T3                |                        |              |         |
|-------------------|------------------------|--------------|---------|
| Uraian            | Jumlah Bahan           | Harga Satuan | Total   |
| A. Biaya Variabel |                        |              |         |
| 1. Benih Timun    | 3 Biji                 | 300/biji     | 900     |
| 2. Pupuk Kandang  | 0,3 kg/m <sup>2</sup>  | 4,000/kg     | 1,200   |
| NPK               | 0,1kg/m <sup>2</sup>   | 20,000/kg    | 2,000   |
| Urea              | 0,005kg/m <sup>2</sup> | 8,000/kg     | 40      |
| Tenaga Kerja      |                        | 5000         | 5,000   |
| B. Hasil Produksi |                        |              |         |
| Timun             | 38,81/kg               | 3000/kg      | 116,430 |
| Kangkung          | 0,361kg                | 10,000/kg    | 3,510   |
| C. Total Biaya    |                        |              | 9,140   |
| D. Pendapatan     |                        |              | 120040  |
| E. R/C            |                        |              | 13,1    |