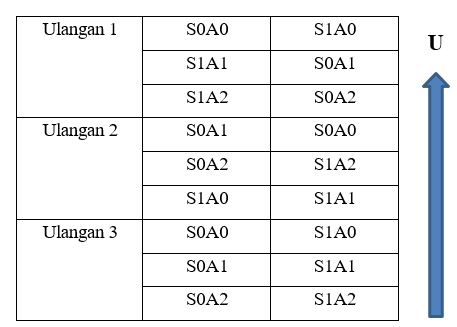
**Tabel 1.** Kombinasi Perlakuan

|  |  |  |
| --- | --- | --- |
| A | S | |
| S0 | S1 |
| A0 | S0A0 | S1A0 |
| A1 | S0A1 | S1A1 |
| A2 | S0A2 | S1A2 |

Dari kedua kombinasi factor tersebut diperoleh 6 kombinasi perlakuan dan percobaan tersebut di ulang sebanyak 3 kali, sehingga di peroleh 18 satuan percobaan. Seluruh satuan percobaan disusun secara kelompok dengan tata letak seperti tertera pada Gambar 1.



**Gambar 1.** Tata Letak Percobaan

**Tabel 1**. Rekapitulasi anova variabel pengamatan kedelai

|  |  |  |
| --- | --- | --- |
| No | Variabel Pengamatan | Pengaruh perlakuan |
| 1. | Tinggi Tanaman | TN |
| 2. | Jumlah daun | TN |
| 3. | Luas daun | TN |
| 4. | Diameter batang | TN |

Keterangan: TN adalah tidak nyata menurut uji BNJ pada taraf uji 5%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Perlakuan | HST 10 | HST 20 | HST 30 | Δ (%) |
| Tanpa Soil - apical treatment (AT) (S0A0) | 7,67 | 20,33 | 33,33 | - |
| Tanpa soil treatment- AT Formula 1 (S0A1) | 7,33 | 20,40 | 36,70 | 10,1 |
| Tanpa soil treatment- AT Formula 2 (S0A2) | 8,00 | 17,97 | 32,67 | (-) 2,0 |
| Soil treatment- apical treatment (AT) (S1A0) | 12,00 | 25,93 | 37,67 | 13,0 |
| Soil treatment- AT Formula 1 (S1A1) | 12,00 | 23,37 | 36,67 | 10,0 |
| Soil treatment- AT Formula 2 (S1A2) | 11,83 | 23,70 | 30,00 | (-)10,0 |
| BNJ 5% | tn | tn | tn |  |

Keterangan: tn adalah tidak nyata berdasarkan uji BNJ taraf 5%, Δ adalah persentase peningkatan (+) atau penurunan (-) terhadap control (S0A0).

**Tabel 3.** Rata-rata pengaruh beberapa cara aplikasi biofertilizer terhadap jumlah daun tanaman kedelai

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Perlakuan | HST 10 | HST 20 | HST 30 | Δ (%) |
| Tanpa Soil - apical treatment (AT) (S0A0) | 5,00 | 11,67 | 31,67 | - |
| Tanpa soil treatment- AT Formula 1 (S0A1) | 4,00 | 10,33 | 36,00 | 13,7 |
| Tanpa soil treatment- AT Formula 2 (S0A2) | 5,00 | 11,33 | 29,00 | (-) 8,4 |
| Soil treatment- apical treatment (AT) (S1A0) | 6,00 | 13,67 | 34,33 | 8,4 |
| Soil treatment- AT Formula 1 (S1A1) | 7,00 | 14,00 | 28,00 | (-)11,6 |
| Soil treatment- AT Formula 2 (S1A2) | 7,00 | 14,00 | 28,00 | (-)11,6 |
| BNJ 5% | tn | tn | tn |  |

Keterangan: tn adalah tidak nyata berdasarkan uji BNJ taraf 5%, Δ adalah persentase peningkatan (+) atau penurunan (-) terhadap control (S0A0).

**Tabel 4.** Rata-rata pengaruh beberapa cara aplikasi biofertilizer terhadap luas daun tanaman kedelai

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Formula Biofertilizer dan Interval | HST 10 | HST 20 | HST 30 | Δ (%) |
| Tanpa Soil - apical treatment (S0A0) | 4,73 | 27,60 | 45,43 | - |
| Tanpa soil treatment- AT Formula 1 (S0A1) | 6,65 | 19,28 | 61,30 | 34,9 |
| Tanpa soil treatment- AT Formula 2 (S0A2) | 5,80 | 15,58 | 44,77 | (-) 1,5 |
| Soil treatment- apical treatment (S0A0) | 12,93 | 32,89 | 41,22 | (-) 9,3 |
| Soil treatment- AT Formula 1 (S0A1) | 13,07 | 21,70 | 47,42 | 4,4 |
| Soil treatment- AT Formula 2 (S0A2) | 13,62 | 19,82 | 37,92 | (-)16,5 |
| BNJ 5% | tn | tn | tn |  |

Keterangan: tn adalah tidak nyata berdasarkan uji BNJ taraf 5%, Δ adalah persentase peningkatan (+) atau penurunan (-) terhadap control (S0A0).

**Tabel 5.** Rata-rata pengaruh beberapa cara aplikasi biofertilizer terhadap diameter batang tanaman kedelai

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Formula Biofertilizer dan Interval | HST 10 | HST 20 | HST 30 | Δ (%) |
| Tanpa Soil - apical treatment (S0A0) | 0,10 | 0,20 | 0,30 | - |
| Tanpa soil treatment- AT Formula 1 (S0A1) | 0,10 | 0,20 | 0,30 | 0 |
| Tanpa soil treatment- AT Formula 2 (S0A2) | 0,10 | 0,27 | 0,37 | 23,3 |
| Soil treatment- apical treatment (S0A0) | 0,17 | 0,27 | 0,37 | 23,3 |
| Soil treatment- AT Formula 1 (S0A1) | 0,17 | 0,30 | 0,37 | 23,3 |
| Soil treatment- AT Formula 2 (S0A2) | 0,20 | 0,30 | 0,37 | 23,3 |
| BNJ 5% | tn | tn | tn |  |

Keterangan: tn adalah tidak nyata berdasarkan uji BNJ taraf 5%, Δ adalah persentase peningkatan (+) atau penurunan (-) terhadap control (S0A0).