**LAMPIRAN**

Lampiran 1. Bagan Penelitian

Ulangan II Ulangan I Ulangan III

N1P3

N2P0

N0P0

N0P3

N2P1

N1P2

N212

N1P1

N0P2

**U**

N2P3

N1P0

N0P1

N3P3

N1P3

N0P0

N1P2

N0P1

N3P2

N1P1

N0P2

N3P1

N3P0

N1P0

N0P3

N1P0

N3P0

N2P0

N1P1

N2P1

**b**

N3P1

N1P2

N3P2

N2P2

**a S**

N1P3

N3P3

N2P3

N3P3

N2P3

N0P3

N3P2

N0P2

N2P2

N3P1

N0P1

N2P1

N0P0

N3P0

N2P0

Keterangan:

a : Jarak antar plot 50 cm

b : Jarak antar ulangan 100 cm

Lampiran 2. Bagan Plot

**A**

**C**

**D**

**B**

Keterangan : : Tanaman Sampel

: Bukan Tanaman Sampel

A : Lebar Plot

B : Panjang Plot

C : Jarak Antar Tanaman 25 cm

D : Jarak Antar Baris Tanaman 25 cm

Lampiran 3. Deskripsi Varietas Kacang Hijau Vima 1

Dilepas tahun : 2008

SK Menteri Pertanian : No 833/Kpts/SR.120/6/2008

Nama galur : MMC 157d-Kp-1

Asal : Persilangan buatan tahun 1996

Tetua jantan : VC 1973 A

Tetua betina : VC 2750A

Potensi hasil : 1,76 t/ha

Rata-rata hasil : 1,38 t/ha

Warna hipokotil : Hijau

Warna daun : Hijau

Umur berbunga 50% : 33 hari

Umur masak 80% : 57 hari

Warna bunga : Kuning

Warna polong muda : Hijau

Warna polong masak : Hitam

Tinggi tanaman : 53 cm

Tipe tanaman : Determinit

Warna biji : Hijau kusam

Bobot 100 butir : 6,3 g

Kadar protein : 28,02 % basis kering

Kadar lemak : 0,40 % basis kering

Kadar pati : 67,62 % basis kering

Ketahanan penyakit : Tahan penyakit embun tepung

Pemulia : M. Anwari, Rudi Iswanto dan Rudy Soehendi

Fitopatologis : Sumartini

Lampiran 4. Hasil Analisis Tanah



Lampiran 5. Tinggi Tanaman Kacang Hijau Umur 4 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….cm……………………… | | | | | |
| N0P0 | 16,08 | 14,66 | 19,34 | 50,08 | 16,69 |
| N0P1 | 16,86 | 18,34 | 20,36 | 55,56 | 18,52 |
| N0P2 | 17,74 | 17,70 | 20,02 | 55,46 | 18,49 |
| N0P3 | 16,08 | 12,94 | 20,66 | 49,68 | 16,56 |
| N1P0 | 15,22 | 15,14 | 18,66 | 49,02 | 16,34 |
| N1P1 | 15,00 | 16,80 | 16,46 | 48,26 | 16,09 |
| N1P2 | 15,26 | 20,98 | 13,92 | 50,16 | 16,72 |
| N1P3 | 11,46 | 21,26 | 16,20 | 48,92 | 16,31 |
| N2P0 | 17,22 | 19,86 | 17,30 | 54,38 | 18,13 |
| N2P1 | 19,00 | 24,32 | 15,34 | 58,66 | 19,55 |
| N2P2 | 18,42 | 22,82 | 14,90 | 56,14 | 18,71 |
| N2P3 | 16,90 | 20,48 | 14,42 | 51,80 | 17,27 |
| N3P0 | 18,44 | 17,62 | 17,50 | 53,56 | 17,85 |
| N3P1 | 20,18 | 17,94 | 16,82 | 54,94 | 18,31 |
| N3P2 | 22,20 | 17,72 | 17,74 | 57,66 | 19,22 |
| N3P3 | 20,40 | 20,14 | 20,00 | 60,54 | 20,18 |
| Jumlah | 276,46 | 298,72 | 279,64 | 854,82 |  |
| Rataan | 17,28 | 18,67 | 17,48 |  | 17,81 |

Lampiran 6. Daftar Sidik Ragam Tinggi Tanaman Kacang Hijau Umur 4 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 18,11 | 9,05 | 0,35tn | 5,14 |
| N | 3 | 44,26 | 14,75 | 0,57tn | 4,76 |
| Galat (a) | 6 | 153,98 | 25,66 |  |  |
| P | 3 | 8,21 | 2,73 | 0,82tn | 3,01 |
| N x P | 9 | 20,90 | 2,32 | 0,69tn | 2,30 |
| Galat (b) | 24 | 80,44 | 3,35 |  |  |
| Total | 47 | 325,93 | 57,89 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 28,45%

KK (b) : 10,28%

Lampiran 7. Tinggi Tanaman Kacang Hijau Umur 6 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….cm……………………… | | | | | |
| N0P0 | 36,30 | 25,32 | 39,70 | 101,32 | 33,77 |
| N0P1 | 37,16 | 36,78 | 40,88 | 114,82 | 38,27 |
| N0P2 | 38,76 | 32,34 | 40,58 | 111,68 | 37,23 |
| N0P3 | 34,14 | 21,12 | 41,76 | 97,02 | 32,34 |
| N1P0 | 32,20 | 37,04 | 39,52 | 108,76 | 36,25 |
| N1P1 | 32,22 | 40,36 | 39,00 | 111,58 | 37,19 |
| N1P2 | 24,16 | 40,34 | 36,06 | 100,56 | 33,52 |
| N1P3 | 21,18 | 39,98 | 36,46 | 97,62 | 32,54 |
| N2P0 | 36,44 | 40,06 | 39,68 | 116,18 | 38,73 |
| N2P1 | 38,44 | 44,32 | 38,32 | 121,08 | 40,36 |
| N2P2 | 38,30 | 41,98 | 37,82 | 118,10 | 39,37 |
| N2P3 | 34,68 | 40,98 | 37,30 | 112,96 | 37,65 |
| N3P0 | 39,34 | 39,36 | 39,14 | 117,84 | 39,28 |
| N3P1 | 39,94 | 39,60 | 40,30 | 119,84 | 39,95 |
| N3P2 | 41,28 | 39,22 | 39,74 | 120,24 | 40,08 |
| N3P3 | 40,78 | 39,60 | 40,22 | 120,60 | 40,20 |
| Jumlah | 565,32 | 598,40 | 626,48 | 1790,20 |  |
| Rataan | 35,33 | 37,40 | 39,16 |  | 37,30 |

Lampiran 8. Daftar Sidik Ragam Tinggi Tanaman Kacang Hijau Umur 6 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 117,15 | 58,57 | 0,63tn | 5,14 |
| N | 3 | 229,08 | 76,36 | 0,82tn | 4,76 |
| Galat (a) | 6 | 561,43 | 93,57 |  |  |
| P | 3 | 65,53 | 21,84 | 3,06\* | 3,01 |
| N x P | 9 | 62,09 | 6,89 | 0,97tn | 2,30 |
| Galat (b) | 24 | 171,17 | 7,13 |  |  |
| Total | 50 | 1272,00 | 329,91 |  |  |

Keterangan : \*: nyata

tn : tidak nyata

KK (a) : 25,94%

KK (b) : 7,16%

Lampiran 9. Jumlah Cabang Primer Kacang Hijau Umur 4 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….cabang……………………… | | | | | |
| N0P0 | 6,20 | 5,00 | 6,20 | 17,40 | 5,80 |
| N0P1 | 6,20 | 6,60 | 6,40 | 19,20 | 6,40 |
| N0P2 | 6,00 | 6,00 | 6,20 | 18,20 | 6,07 |
| N0P3 | 6,00 | 4,20 | 6,00 | 16,20 | 5,40 |
| N1P0 | 6,20 | 5,60 | 6,00 | 17,80 | 5,93 |
| N1P1 | 5,80 | 6,20 | 6,00 | 18,00 | 6,00 |
| N1P2 | 5,20 | 6,00 | 5,40 | 16,60 | 5,53 |
| N1P3 | 4,60 | 6,20 | 6,00 | 16,80 | 5,60 |
| N2P0 | 6,20 | 5,80 | 5,40 | 17,40 | 5,80 |
| N2P1 | 6,20 | 7,00 | 5,60 | 18,80 | 6,27 |
| N2P2 | 6,00 | 6,40 | 6,00 | 18,40 | 6,13 |
| N2P3 | 6,00 | 6,20 | 5,60 | 17,80 | 5,93 |
| N3P0 | 6,20 | 6,00 | 6,00 | 18,20 | 6,07 |
| N3P1 | 6,40 | 6,20 | 6,00 | 18,60 | 6,20 |
| N3P2 | 6,60 | 5,80 | 6,00 | 18,40 | 6,13 |
| N3P3 | 6,40 | 6,20 | 6,00 | 18,60 | 6,20 |
| Jumlah | 96,20 | 95,40 | 94,80 | 286,40 |  |
| Rataan | 6,01 | 5,96 | 5,93 |  | 5,97 |

Lampiran 10. Daftar Sidik Ragam Jumlah Cabang Primer Kacang Hijau Umur 4 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 0,06 | 0,03 | 0,06tn | 5,14 |
| N | 3 | 0,96 | 0,32 | 0,59tn | 4,76 |
| Galat (a) | 6 | 3,29 | 0,55 |  |  |
| P | 3 | 1,20 | 0,40 | 2,34tn | 3,01 |
| N x P | 9 | 1,32 | 0,14 | 0,85tn | 2,30 |
| Galat (b) | 24 | 4,13 | 0,17 |  |  |
| Total | 47 | 10,98 | 1,62 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 12,43%

KK (b) : 6,96%

Lampiran 11. Jumlah Cabang Primer Kacang Hijau Umur 6 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….cabang……………………… | | | | | |
| N0P0 | 8,60 | 7,40 | 8,20 | 24,20 | 8,07 |
| N0P1 | 8,80 | 9,00 | 8,40 | 26,20 | 8,73 |
| N0P2 | 7,60 | 8,00 | 8,40 | 24,00 | 8,00 |
| N0P3 | 8,00 | 6,20 | 8,00 | 22,20 | 7,40 |
| N1P0 | 8,20 | 7,80 | 8,00 | 24,00 | 8,00 |
| N1P1 | 8,40 | 8,20 | 8,40 | 25,00 | 8,33 |
| N1P2 | 7,20 | 8,00 | 7,60 | 22,80 | 7,60 |
| N1P3 | 6,80 | 8,40 | 8,00 | 23,20 | 7,73 |
| N2P0 | 7,80 | 7,80 | 7,40 | 23,00 | 7,67 |
| N2P1 | 8,20 | 9,00 | 8,00 | 25,20 | 8,40 |
| N2P2 | 8,00 | 8,60 | 8,00 | 24,60 | 8,20 |
| N2P3 | 8,00 | 8,20 | 8,20 | 24,40 | 8,13 |
| N3P0 | 8,60 | 8,00 | 8,00 | 24,60 | 8,20 |
| N3P1 | 8,60 | 8,40 | 8,60 | 25,60 | 8,53 |
| N3P2 | 8,60 | 8,20 | 8,20 | 25,00 | 8,33 |
| N3P3 | 8,80 | 8,40 | 8,40 | 25,60 | 8,53 |
| Jumlah | 130,20 | 129,60 | 129,80 | 389,60 |  |
| Rataan | 8,14 | 8,10 | 8,11 |  | 8,12 |

Lampiran 12. Daftar Sidik Ragam Jumlah Cabang Primer Kacang Hijau Umur 6 MST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 0,01 | 0,005 | 0,01tn | 5,14 |
| N | 3 | 1,50 | 0,50 | 1,28tn | 4,76 |
| Galat (a) | 6 | 2,33 | 0,38 |  |  |
| P | 3 | 2,39 | 0,79 | 4,46\* | 3,01 |
| N x P | 9 | 2,33 | 0,25 | 1,45tn | 2,30 |
| Galat (b) | 24 | 4,29 | 0,17 |  |  |
| Total | 47 | 15,26 | 4,52 |  |  |

Keterangan :\*: nyata

tn : tidak nyata

KK (a) : 7,69%

KK (b) : 5,21%

Lampiran 13. Umur Berbunga Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….hari……………………… | | | | | |
| N0P0 | 33,20 | 33,00 | 33,20 | 99,40 | 33,13 |
| N0P1 | 33,00 | 33,20 | 33,00 | 99,20 | 33,07 |
| N0P2 | 33,40 | 33,00 | 33,00 | 99,40 | 33,13 |
| N0P3 | 33,00 | 33,40 | 33,40 | 99,80 | 33,27 |
| N1P0 | 33,00 | 33,40 | 33,00 | 99,40 | 33,13 |
| N1P1 | 33,20 | 33,00 | 33,00 | 99,20 | 33,07 |
| N1P2 | 33,20 | 33,00 | 33,40 | 99,60 | 33,20 |
| N1P3 | 33,00 | 33,40 | 33,00 | 99,40 | 33,13 |
| N2P0 | 33,20 | 33,00 | 33,20 | 99,40 | 33,13 |
| N2P1 | 33,00 | 33,00 | 33,00 | 99,00 | 33,00 |
| N2P2 | 33,60 | 33,40 | 33,00 | 100,00 | 33,33 |
| N2P3 | 33,00 | 33,40 | 33,40 | 99,80 | 33,27 |
| N3P0 | 33,40 | 33,00 | 33,00 | 99,40 | 33,13 |
| N3P1 | 33,00 | 33,20 | 33,00 | 99,20 | 33,07 |
| N3P2 | 33,20 | 33,00 | 33,40 | 99,60 | 33,20 |
| N3P3 | 33,20 | 33,40 | 33,00 | 99,60 | 33,20 |
| Jumlah | 530,60 | 530,80 | 530,00 | 1591,40 |  |
| Rataan | 33,16 | 33,18 | 33,13 |  | 33,15 |

Lampiran 14. Daftar Sidik Ragam Umur Berbunga Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 0,02 | 0,01 | 2,05tn | 5,14 |
| N | 3 | 0,01 | 0,005 | 1,00tn | 4,76 |
| Galat (a) | 6 | 0,03 | 0,005 |  |  |
| P | 3 | 0,22 | 0,07 | 1,60tn | 3,01 |
| N x P | 9 | 0,09 | 0,01 | 0,22tn | 2,30 |
| Galat (b) | 24 | 1,14 | 0,04 |  |  |
| Total | 47 | 1,53 | 0,15 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 0,22%

KK (b) : 0,66%

Lampiran 15. Jumlah Polong Berisi per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….polong……………………… | | | | | |
| N0P0 | 30,80 | 18,60 | 44,00 | 93,40 | 31,13 |
| N0P1 | 35,00 | 42,60 | 48,80 | 126,40 | 42,13 |
| N0P2 | 40,40 | 30,60 | 47,00 | 118,00 | 39,33 |
| N0P3 | 37,80 | 9,80 | 41,60 | 89,20 | 29,73 |
| N1P0 | 35,00 | 41,60 | 41,20 | 117,80 | 39,27 |
| N1P1 | 41,40 | 37,00 | 29,40 | 107,80 | 35,93 |
| N1P2 | 16,80 | 41,80 | 27,60 | 86,20 | 28,73 |
| N1P3 | 9,80 | 42,60 | 39,00 | 91,40 | 30,47 |
| N2P0 | 38,20 | 38,80 | 30,80 | 107,80 | 35,93 |
| N2P1 | 40,20 | 53,20 | 31,60 | 125,00 | 41,67 |
| N2P2 | 36,40 | 45,00 | 31,00 | 112,40 | 37,47 |
| N2P3 | 41,40 | 41,80 | 31,40 | 114,60 | 38,20 |
| N3P0 | 34,20 | 42,60 | 33,80 | 110,60 | 36,87 |
| N3P1 | 50,00 | 40,80 | 34,20 | 125,00 | 41,67 |
| N3P2 | 44,20 | 43,20 | 33,00 | 120,40 | 40,13 |
| N3P3 | 37,60 | 44,00 | 33,40 | 115,00 | 38,33 |
| Jumlah | 569,20 | 614,00 | 577,80 | 1761,00 |  |
| Rataan | 35,58 | 38,38 | 36,11 |  | 36,69 |

Lampiran 16. Daftar Sidik Ragam Jumlah Polong Berisi per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 70,65 | 35,32 | 0,12tn | 5,14 |
| N | 3 | 239,66 | 79,89 | 0,28tn | 4,76 |
| Galat (a) | 6 | 1741,23 | 290,20 |  |  |
| P | 3 | 246,54 | 82,18 | 1,70tn | 3,01 |
| N x P | 9 | 391,93 | 43,54 | 0,90tn | 2,30 |
| Galat (b) | 24 | 1162,98 | 48,45 |  |  |
| Total | 47 | 3853,03 | 579,61 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 46,43%

KK (b) : 18,97%

Lampiran 17. Jumlah Polong Hampa per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….polong……………………… | | | | | |
| N0P0 | 2,00 | 2,00 | 3,20 | 7,20 | 2,40 |
| N0P1 | 5,40 | 3,20 | 4,00 | 12,60 | 4,20 |
| N0P2 | 4,40 | 1,40 | 2,20 | 8,00 | 2,67 |
| N0P3 | 3,00 | 1,20 | 1,20 | 5,40 | 1,80 |
| N1P0 | 2,40 | 2,60 | 1,20 | 6,20 | 2,07 |
| N1P1 | 3,20 | 2,00 | 2,00 | 7,20 | 2,40 |
| N1P2 | 1,00 | 2,60 | 3,20 | 6,80 | 2,27 |
| N1P3 | 1,00 | 2,40 | 2,80 | 6,20 | 2,07 |
| N2P0 | 1,20 | 2,40 | 1,40 | 5,00 | 1,67 |
| N2P1 | 1,80 | 2,80 | 3,20 | 7,80 | 2,60 |
| N2P2 | 1,20 | 2,20 | 2,60 | 6,00 | 2,00 |
| N2P3 | 3,40 | 3,80 | 1,20 | 8,40 | 2,80 |
| N3P0 | 1,40 | 2,40 | 1,60 | 5,40 | 1,80 |
| N3P1 | 2,60 | 2,00 | 1,20 | 5,80 | 1,93 |
| N3P2 | 3,00 | 6,00 | 2,00 | 11,00 | 3,67 |
| N3P3 | 1,60 | 3,80 | 3,20 | 8,60 | 2,87 |
| Jumlah | 38,60 | 42,80 | 36,20 | 117,60 |  |
| Rataan | 2,41 | 2,68 | 2,26 |  | 2,45 |

Lampiran 18. Daftar Sidik Ragam Jumlah Polong Hampa per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 1,39 | 0,69 | 0,32tn | 5,14 |
| N | 3 | 2,52 | 0,84 | 0,39tn | 4,76 |
| Galat (a) | 6 | 13,00 | 2,16 |  |  |
| P | 3 | 4,48 | 1,49 | 1,62tn | 3,01 |
| N x P | 9 | 14,50 | 1,61 | 1,75tn | 2,30 |
| Galat (b) | 24 | 22,13 | 0,92 |  |  |
| Total | 47 | 58,04 | 7,73 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 60,09%

KK (b) : 39,20%

Lampiran 19. Jumlah Biji per Polong Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….biji……………………… | | | | | |
| N0P0 | 11,60 | 12,60 | 13,20 | 37,40 | 12,47 |
| N0P1 | 12,40 | 12,20 | 13,00 | 37,60 | 12,53 |
| N0P2 | 12,40 | 12,20 | 13,40 | 38,00 | 12,67 |
| N0P3 | 12,80 | 12,00 | 13,60 | 38,40 | 12,80 |
| N1P0 | 11,80 | 13,40 | 13,20 | 38,40 | 12,80 |
| N1P1 | 13,00 | 12,00 | 12,60 | 37,60 | 12,53 |
| N1P2 | 12,20 | 13,20 | 11,80 | 37,20 | 12,40 |
| N1P3 | 10,80 | 12,80 | 13,20 | 36,80 | 12,27 |
| N2P0 | 13,20 | 13,00 | 12,40 | 38,60 | 12,87 |
| N2P1 | 12,00 | 12,80 | 12,80 | 37,60 | 12,53 |
| N2P2 | 13,40 | 13,20 | 13,20 | 39,80 | 13,27 |
| N2P3 | 13,20 | 12,00 | 12,60 | 37,80 | 12,60 |
| N3P0 | 11,80 | 12,60 | 12,40 | 36,80 | 12,27 |
| N3P1 | 12,40 | 13,20 | 13,20 | 38,80 | 12,93 |
| N3P2 | 13,60 | 12,60 | 12,80 | 39,00 | 13,00 |
| N3P3 | 13,20 | 12,40 | 12,40 | 38,00 | 12,67 |
| Jumlah | 199,80 | 202,20 | 205,80 | 607,80 |  |
| Rataan | 12,49 | 12,64 | 12,86 |  | 12,66 |

Lampiran 20. Daftar Sidik Ragam Jumlah Biji per Polong Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 1,14 | 0,57 | 0,94tn | 5,14 |
| N | 3 | 0,66 | 0,22 | 0,36tn | 4,76 |
| Galat (a) | 6 | 3,64 | 0,60 |  |  |
| P | 3 | 0,48 | 0,16 | 0,45tn | 3,01 |
| N x P | 9 | 2,17 | 0,24 | 0,67tn | 2,30 |
| Galat (b) | 24 | 8,63 | 0,36 |  |  |
| Total | 47 | 16,73 | 2,16 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 6,15%

KK (b) : 4,74%

Lampiran 21. Hasil Biji per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….gram……………………… | | | | | |
| N0P0 | 21,80 | 12,81 | 26,57 | 61,18 | 20,39 |
| N0P1 | 25,79 | 27,95 | 30,46 | 84,20 | 28,07 |
| N0P2 | 26,77 | 20,20 | 30,97 | 77,94 | 25,98 |
| N0P3 | 23,99 | 7,25 | 28,49 | 59,73 | 19,91 |
| N1P0 | 25,91 | 30,24 | 29,23 | 85,38 | 28,46 |
| N1P1 | 27,25 | 25,33 | 20,64 | 73,22 | 24,41 |
| N1P2 | 12,17 | 27,73 | 19,95 | 59,85 | 19,95 |
| N1P3 | 9,31 | 29,16 | 26,00 | 64,47 | 21,49 |
| N2P0 | 25,02 | 25,22 | 20,97 | 71,21 | 23,74 |
| N2P1 | 27,81 | 35,19 | 21,36 | 84,36 | 28,12 |
| N2P2 | 25,23 | 29,62 | 22,03 | 76,88 | 25,63 |
| N2P3 | 29,66 | 29,94 | 22,90 | 82,50 | 27,50 |
| N3P0 | 25,72 | 27,76 | 23,01 | 76,49 | 25,50 |
| N3P1 | 35,16 | 28,93 | 24,08 | 88,17 | 29,39 |
| N3P2 | 28,52 | 26,42 | 22,67 | 77,61 | 25,87 |
| N3P3 | 26,21 | 30,61 | 22,32 | 79,14 | 26,38 |
| Jumlah | 396,32 | 414,36 | 391,65 | 1202,33 |  |
| Rataan | 24,77 | 25,90 | 24,48 |  | 25,05 |

Lampiran 22. Daftar Sidik Ragam Hasil Biji per Tanaman Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 17,97 | 8,99 | 0,08tn | 5,14 |
| N | 3 | 104,96 | 34,98 | 0,31tn | 4,76 |
| Galat (a) | 6 | 681,05 | 113,50 |  |  |
| P | 3 | 99,05 | 33,01 | 2,01tn | 3,01 |
| N x P | 9 | 239,24 | 26,58 | 1,62tn | 2,30 |
| Galat (b) | 24 | 394,09 | 16,42 |  |  |
| Total | 47 | 1536,39 | 233,50 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 42,53%

KK (b) : 16,18%

Lampiran 23. Hasil Biji per Plot Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….gram……………………… | | | | | |
| N0P0 | 161,11 | 91,46 | 199,08 | 451,65 | 150,55 |
| N0P1 | 197,08 | 60,59 | 221,06 | 478,73 | 159,58 |
| N0P2 | 191,88 | 180,69 | 223,82 | 596,39 | 198,80 |
| N0P3 | 176,13 | 231,20 | 214,06 | 621,39 | 207,13 |
| N1P0 | 182,65 | 204,16 | 195,65 | 582,46 | 194,15 |
| N1P1 | 188,52 | 196,70 | 181,58 | 566,80 | 188,93 |
| N1P2 | 95,48 | 224,27 | 157,80 | 477,55 | 159,18 |
| N1P3 | 49,56 | 246,38 | 170,61 | 466,55 | 155,52 |
| N2P0 | 197,29 | 233,48 | 169,77 | 600,54 | 200,18 |
| N2P1 | 202,85 | 258,90 | 159,00 | 620,75 | 206,92 |
| N2P2 | 192,68 | 251,13 | 168,48 | 612,29 | 204,10 |
| N2P3 | 211,59 | 259,99 | 164,26 | 635,84 | 211,95 |
| N3P0 | 202,11 | 204,95 | 180,18 | 587,24 | 195,75 |
| N3P1 | 232,68 | 218,16 | 186,46 | 637,30 | 212,43 |
| N3P2 | 224,56 | 213,53 | 168,40 | 606,49 | 202,16 |
| N3P3 | 200,12 | 259,97 | 211,72 | 671,81 | 223,94 |
| Jumlah | 2906,29 | 3335,56 | 2971,93 | 9213,78 |  |
| Rataan | 181,64 | 208,47 | 185,75 |  | 191,95 |

Lampiran 24. Daftar Sidik Ragam Hasil Biji per Plot Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 6683,50 | 3341,75 | 0,53tn | 5,14 |
| N | 3 | 11296,26 | 3765,42 | 0,60tn | 4,76 |
| Galat (a) | 6 | 37764,40 | 6294,06 |  |  |
| P | 3 | 1271,41 | 423,80 | 0,36tn | 3,01 |
| N x P | 9 | 10996,96 | 1221,88 | 1,05tn | 2,30 |
| Galat (b) | 24 | 27962,69 | 1165,11 |  |  |
| Total | 47 | 95975,25 | 16212,04 |  |  |

Keterangan : tn : tidak nyata

KK (a) : 41,33%

KK (b) : 17,78%

Lampiran 25. Berat 100 Biji Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Perlakuan | Ulangan | | | Jumlah | Rataan |
| I | II | III |
| ……………………….….gram……………………… | | | | | |
| N0P0 | 6,57 | 6,48 | 6,42 | 19,47 | 6,49 |
| N0P1 | 6,74 | 6,84 | 6,56 | 20,14 | 6,71 |
| N0P2 | 6,60 | 6,37 | 6,35 | 19,32 | 6,44 |
| N0P3 | 6,60 | 6,39 | 6,42 | 19,41 | 6,47 |
| N1P0 | 6,37 | 6,31 | 6,37 | 19,05 | 6,35 |
| N1P1 | 6,77 | 6,65 | 6,76 | 20,18 | 6,73 |
| N1P2 | 6,54 | 6,57 | 6,35 | 19,46 | 6,49 |
| N1P3 | 6,58 | 6,45 | 6,46 | 19,49 | 6,50 |
| N2P0 | 6,55 | 6,64 | 6,38 | 19,57 | 6,52 |
| N2P1 | 6,68 | 6,60 | 6,71 | 19,99 | 6,66 |
| N2P2 | 6,42 | 6,51 | 6,49 | 19,42 | 6,47 |
| N2P3 | 6,63 | 6,47 | 6,54 | 19,64 | 6,55 |
| N3P0 | 6,38 | 6,40 | 6,35 | 19,13 | 6,38 |
| N3P1 | 6,89 | 6,78 | 6,75 | 20,42 | 6,81 |
| N3P2 | 6,62 | 6,52 | 6,44 | 19,58 | 6,53 |
| N3P3 | 6,62 | 6,39 | 6,51 | 19,52 | 6,51 |
| Jumlah | 105,56 | 104,37 | 103,86 | 313,79 |  |
| Rataan | 6,60 | 6,52 | 6,49 |  | 6,54 |

Lampiran 26. Daftar Sidik Ragam Berat 100 Biji Kacang Hijau

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F.Hitung | F.Tabel |
| 0.05 |
| Ulangan | 2 | 0,09 | 0,04 | 10,04\* | 5,14 |
| N | 3 | 0,01 | 0,004 | 0,90tn | 4,76 |
| Galat (a) | 6 | 0,02 | 0,005 |  |  |
| P | 3 | 0,60 | 0,20 | 31,20\* | 3,01 |
| N x P | 9 | 0,10 | 0,01 | 1,77tn | 2,30 |
| Galat (b) | 24 | 0,15 | 0,007 |  |  |
| Total | 47 | 1,61 | 0,88 |  |  |

Keterangan : \*: nyata

tn : tidak nyata

KK (a) : 1,05%

KK (b) : 1,23%