**Perhitungan**

1. Kandungan Protein Kasar Setelah Fermentasi

|  |  |  |  |
| --- | --- | --- | --- |
| Perlakuan | Ulangan | Rata-rata Protein % | Jumlah  |
| 1 | 2 | 3 |
| P0 | 7,6042 | 7,2998 | 7,8729 | 7,5923 | 22,7769 |
| P1 | 6,5179 | 6,5438 | 6,4415 | 6,5010 | 19,5031 |
| P5 | 7,2136 | 7,9979 | 8,7598 | 7,9904 | 23,9713 |
| P10 | 6,4922 | 6,5961 | 6,5179 | 6,5354 | 19,6062 |
| P15 | 5,7709 | 6,5698 | 6,1315 | 6,1574 | 18,4722 |
| Total | 104, 3297 |

Fk = $\frac{Y^{2}}{r.t}$ = $\frac{104,3297^{2}}{3.5}$ = $\frac{10884,6863}{15}$ = 725,6457535

JKT = $Y^{2} $– FK = (7,60622 +7,29982 +…..+ 6,56982  + 6,13152 ) - 725,6457535

 = 734,828383462 – 725,6457535

 = 9,18259266

 JKP = $\frac{Y^{2}}{r}$ – FK = (22,77692 + 19,50312 +....+ 19,60622 + 18,47222 )

 = $\frac{2199,406558}{3}$ - 725,6457535

 = 733,1355194 - 725,6457535

 = 7,4897659

 JKG = JKT – JKP

 = 9,1826299 - 7,4897659

 = 1,692864

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F hitung | F tabel |
| 5% | 1% |
| Perlakuan | 4 | 7,4897659 | 1,872441475 | 11,06079091 | 3,48 | 5,99 |
| Galat | 10 | 1,692864 | 0,1692864 |  |  |  |
| Total | 14 |  |  |  |  |  |

 Keterangan: F hitung lebih besar dari F table

1. Kandungan Serat Kasar Setelah Fermentasi

|  |  |  |  |
| --- | --- | --- | --- |
| Perlakuan | Ulangan | Rata-rata Serat Kasar % | Jumlah |
| 1 | 2 | 3 |
| P0 | 25,9223 | 23,3244 | 25,1723 | 24,8063 | 74,4190 |
| P1 | 19,8931 | 19,4235 | 19,7627 | 19,6931 | 59,0792 |
| P5 | 15,8276 | 15,4091 | 15,5789 | 15,6052 | 46,8156 |
| P10 | 17,8632 | 18,3848 | 20,4325 | 18,8935 | 56,6905 |
| P15 | 19,3896 | 20,1868 | 20,0555 | 19,8773 | 59,6319 |
| Total  | 296,6362 |

Fk = $\frac{Y^{2}}{r.t}$ = $\frac{296,6362^{2}}{3.5}$ = $\frac{87993,03515}{15}$ = 5866,202343

JKT = $Y^{2} $– FK = (25,92232 +23,32442 +…..+ 20,18682  + 20,05552 ) - 5866,202343

 = 6004,522435 – 5866,202343

 = 138,3200921

 JKP = $\frac{Y^{2}}{r}$ – FK = (74,41902 + 59,07922+..+ 56,69052 + 59,63192 )

 = $\frac{17990,01612}{3}$ - 5866,202343

 = 5996,67204 -5866,202343

 = 130,469697

 JKG = JKT – JKP

 = 138,3200921 - 130,469697

 = 7,85039505

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SK | DB | JK | KT | F hitung | F tabel |
| 5% | 1% |
| Perlakuan | 4 | 130,469697 | 32,61742425 | 41,54876798 | 3,48 | 5,99 |
| Galat | 10 | 7,85039505 | 0,785039505 |  |  |  |
| Total | 14 |  |  |  |  |  |

Keterangan: F hitung lebih besar dari F table

***Riwayat Hidup***

Penulis, Andi Saputra lahir pada tanggal 02 februari 1995 di Desa Tepas, Kecamatan Brang Rea, Kabupaten Sumbawa Barat, Nusa Tenggara Barat, merupakan anak kedua dari tiga bersaudara dari pasangan Bapak Adi Hartono dan Ibu Rafiah.

Riwayat pendidikan sebagai berikut:

1. Lulus Sekolah Dasar pada tahun 2007 di SDN 01 Tepas

2. Lulus Sekolah Menengah Pertama pada tahun 2011

 SMPN 04 Brang Rea

3. Lulus Sekolah Menengah Atas pada tahun 2014 di

SMAN 01 Brang Rea

4. Pada tahun 2014 masuk Fakultas Peternakan Universitas Mataram