LAMPIRAN – LAMPIRAN

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Lampiran 1. Data tinggi tanaman cabai rawit (cm) setelah perlakuan.

Bentuk Urea	Frekuensi Pemupukan			Total U	Rerata U
	F1	F2	F3		
Ut	15,5	29,0	46,0	321,5	26,79
	18,0	29,5	35,0		
	16,5	28,0	34,5		
	0	30,5	39,0		
Up	21,5	29,5	35,0	318	26,5
	23,0	24,0	32,0		
	22,0	26,5	30,5		
	19,5	25,0	29,5		
Total F	136	222	281,5	639,5	
Rerata F	17,0	27,75	35,19		

FK $= \frac{639,5^2}{24} = 17040,01$

JKT $= (15,5^2 + 18,0^2 + 16,5^2 + \ldots\ldots + 29,5^2) - FK$

$= 18992,72 - 17040,01$

$= 1952,74$

JK Urea $= \frac{321,5^2 + 318^2}{12} - FK$

$= 17040,521 - 17040,01$

$= 0,51$

JK Frekuensi $= \frac{136^2 + 222^2 + 281,5^2}{8} - FK$

$= 18377,78 - 17040,01$

$= 1337,77$

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$$JKP = \frac{50^2 + 117^2 + 154{,}5^2 + 86^2 + 105^2 + 127^2}{4} - FK$$

$$= 18652{,}31 - 17040{,}01$$

$$= 1612{,}30$$

JK Interaksi = JKP – JK Urea – JK Frekuensi

= 1612,30 - 0,51- 1337,77

= 274,02

Tabel Anova tinggi tanaman cabai rawit

SK	DB	JK	KT	F hitung	F tabel 5%
Perlakuan	5	1612,30			
Bentuk Urea	1	0,51	0,51	0,023	4,54
Frekuensi	2	1337,77	668,88	29,48*	3,68
Interaksi	2	274,02	137,01	6,04*	3,68
Galat	15	340,44	22,69		
Total	23	1952,74			

* menunjukkan berbeda nyata

Lampiran 2. Perhitungan Uji Jarak Nyata Duncan data tinggi tanaman cabai rawit

Pembandingan pengaruh utama dari faktor frekuensi terhadap tinggi tanaman cabai rawit

$$Sy = \sqrt{\frac{KTG}{ar}} = \sqrt{\frac{22{,}64}{2x4}} = 1{,}68$$

P	Rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	5,06
3	3,16	5,31

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Tabel hasil uji jarak Nyata Duncan pengaruh utama faktor frekuensi terhadap tinggi tanaman cabai rawit .

F	Rerata	Selisih dengan	
		F1	F2
F1	17,0	-	-
F2	27,75	10,75 *	-
F3	35,19	18,19 *	7,44 *

* menunjukkan berbeda nyata

Pembandingan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap tinggi tanaman cabai rawit

$$Sy = \sqrt{\frac{KTG}{r}} = \sqrt{\frac{22,69}{4}} = 2,38$$

P	Rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	7,17
3	3,16	7,52
4	3,25	7,73
5	3,31	7,88
6	3,36	7,99

Tabel hasil uji jarak Nyata Duncan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap tinggi tanaman cabai rawit

Interaksi	Rerata	Selisih dengan				
		UtF1	UpF1	UpF2	UtF2	UpF3
UtF1	12,5	-				
UpF1	21,5	9,0*	-			
UpF2	26,25	13,75*	4,75	-		
UtF2	29,25	16,75*	7,75*	3,0	-	
UpF3	31,75	19,25*	10,25*	5,5	2,5	-
UtF3	38,63	26,13*	17,13*	12,38*	9,38*	6,88*

* menunjukkan berbeda nyata

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Lampiran 3 . Data jumlah daun tanaman cabai rawit setelah perlakuan.

Bentuk Urea	Frekuensi Pemupukan			Total U	Rerata U
	F1	F2	F3		
Ut	18	86	131	893	74,42
	24	67	114		
	26	91	120		
	0	75	141		
Up	67	90	104	913	76,08
	58	62	90		
	62	80	97		
	50	72	81		
Total F	305	623	878	1806	
Rerata F	38,13	77,88	109,75		

Tabel Anova Jumlah Daun Tanaman Cabai Rawit .

SK	DB	JK	KT	F hitung	F tabel 5%
Perlakuan	5	27602			
Bentuk Urea	1	16,67	16,67	0,27	4,54
Frekuensi	2	20603,25	10301,63	169,35*	3,68
Interaksi	2	6982,08	3491,04	57,39*	3,68
Galat	15	912,5	60,83		
Total	23	28514,5			

* menunjukkan berbeda nyata

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Lampiran 4. Perhitungan Uji Jarak Nyata Duncan data jumlah daun tanaman cabai rawit .

Pembandingan pengaruh utama dari faktor frekuensi terhadap jumlah daun tanaman cabai.

$$Sy = \sqrt{\frac{KTG}{ar}} = \sqrt{\frac{60,83}{2x4}} = 2,76$$

P	rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	8,31
3	3,16	8,72

Tabel hasil uji jarak Nyata Duncan pengaruh utama faktor frekuensi terhadap jumlah daun tanaman cabai rawit.

F	Rerata	Selisih dengan	
		F1	F2
F1	38,13	-	-
F2	77,88	39,75*	-
F3	109,75	71,63*	31,88*

* menunjukkan berbeda nyata

Pembandingan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap jumlah daun tanaman cabai rawit.

$$Sy = \sqrt{\frac{KTG}{r}} = \sqrt{\frac{60,83}{4}} = 3,89$$

P	rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	11,74
3	3,16	12,29
4	3,25	12,64
5	3,31	12,88
6	3,36	13,07

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Tabel hasil uji jarak Nyata Duncan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan jumlah daun tanaman cabai rawit

Interaksi	Rerata	Selisih dengan				
		UtF1	UpF1	UpF2	UtF2	UpF3
UtF1	17,0	-				
UpF1	59,25	42,25*	-			
UpF2	76,0	59,0*	16,75*	-		
UtF2	79,75	62,75*	20,5*	3,75	-	
UpF3	93,0	76,0*	33,75*	17,0*	13,25*	-
UtF3	126,5	109,5*	67,25*	50,5*	46,75*	33,5*

* menunjukkan berbeda nyata

Lampiran 5. Data berat basah tanaman cabai rawit setelah perlakuan.

Bentuk Urea	Frekuensi Pemupukan			Total U	Rerata U
	F1	F2	F3		
Ut	13,6	26,0	38,0	284,3	23,69
	15,3	20,0	29,9		
	14,3	29,5	34,7		
	0	23,5	39,6		
Up	20,0	25,2	30,5	275,7	22,97
	16,5	21,4	25,4		
	19,4	23,8	29,9		
	17,3	23,7	22,6		
Total F	116,30	193,10	250,6	560,0	
Rerata F	14,54	24,14	31,32		

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Tabel Anova Berat Basah Tanaman Cabai Rawit

SK	DB	JK	KT	F hitung	F tabel 5%
Perlakuan	5	139,09			
Bentuk Urea	1	3,08	3,08	0,145	4,54
Frekuensi	2	1135,04	567,52	26,79*	3,68
Interaksi	2	255,97	127,98	6,04*	3,68
Galat	15	317,70	21,18		
Total	23	1711,79			

* menunjukkan berbeda nyata

Lampiran 6. Perhitungan Uji Jarak Nyata Duncan data berat basah tanaman cabai rawit .

Pembandingan pengaruh utama dari faktor frekuensi terhadap berat basah tanaman cabai rawit.

$$Sy = \sqrt{\frac{KTG}{ar}} = \sqrt{\frac{21,18}{2x4}} = 1,63$$

P	Rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	4,91
3	3,16	5,15

Tabel hasil uji jarak Nyata Duncan pengaruh utama faktor frekuensi terhadap berat basah tanaman cabai rawit.

F	Rerata	Selisih dengan	
		F1	F2
F1	14,54	-	-
F2	24,14	9,6*	-
F3	31,32	7,18*	7,18*

* menunjukkan berbeda nyata

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Pembandingan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap berat basah tanaman cabai rawit.

$$Sy = \sqrt{\frac{KTG}{r}} = \sqrt{\frac{21,18}{4}} = 2,30$$

P	Rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	6,92
3	3,16	7,27
4	3,25	7,47
5	3,31	7,61
6	3,36	7,73

Tabel hasil uji jarak Nyata Duncan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap tanaman cabai rawit

Interaksi	Rerata	Selisih dengan				
		UtF1	UpF1	UpF2	UtF2	UpF3
UtF1	10,80	-				
UpF1	18,30	7,5*	-			
UpF2	23,53	12,72*	5,22	-		
UtF2	24,75	13,95*	6,45	1,22	-	
UpF3	27,10	16,30*	8,8*	3,57	2,35	-
UtF3	35,55	24,75*	17,25*	12,02*	10,8*	8,45*

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Lampiran 7. Data berat kering tanaman cabai rawit setelah perlakuan

Bentuk Urea	Frekuensi Pemupukan			Total U	Rerata U
	F1	F2	F3		
Ut	1,6	4,3	7,2	49,7	4,14
	2,0	3,7	5,3		
	1,7	4,9	5,8		
	0	4,0	9,2		
Up	3,5	4,0	6,0	46,6	3,88
	2,5	3,6	5,0		
	3,0	3,9	5,2		
	2,8	3,8	3,3		
Total F	17,10	32,2	47,0	96,3	
Rerata F	2,14	4,03	5,88		

Tabel Anova Berat Kering Tanaman Cabai Rawit

SK	DB	JK	KT	F hitung	F tabel 5%
Perlakuan	5	69,41			
Bentuk Urea	1	0,4	0,4	0,35	4,54
Frekuensi	2	55,88	27,94	24,73*	3,68
Interaksi	2	13,13	6,56	5,8*	3,68
Galat	15	16,92	1,13		
Total	23	86,33			

* menunjukkan berbeda nyata

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Lampiran 8. Perhitungan Uji Jarak Nyata Duncan data berat kering tanaman cabai rawit .

Pembandingan pengaruh utama dari faktor frekuensi terhadap berat kering tanaman cabai rawit.

$$Sy = \sqrt{\frac{KTG}{ar}} = \sqrt{\frac{1,13}{2x4}} = 0,38$$

P	rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	1,14
3	3,16	1,20

Tabel hasil uji jarak Nyata Duncan pengaruh utama faktor frekuensi terhadap berat kering tanaman cabai rawit.

F	Rerata	Selisih dengan	
		F1	F2
F1	2,14	-	-
F2	4,03	1,89*	-
F3	5,88	3,74*	1,85*

* menunjukkan berbeda nyata

Pembandingan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap berat kering tanaman cabai rawit.

$$Sy = \sqrt{\frac{KTG}{r}} = \sqrt{\frac{1,13}{4}} = 0,53$$

P	Rp = P(5%,p,dbs)	Rp = rp x Sy
2	3,01	1,60
3	3,16	1,67
4	3,25	1,72
5	3,31	1,75
6	3,36	1,78

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Tabel hasil uji jarak Nyata Duncan pengaruh interaksi antara faktor bentuk urea dengan faktor frekuensi pemupukan terhadap berat kering tanaman cabai rawit.

Interaksi	Rerata	Selisih dengan				
		UtF1	UpF1	UpF2	UtF2	UpF3
UtF1	1,325	-				
UpF1	2,950	1,63*	-			
UpF2	3,825	2,5*	0,88	-		
UtF2	4,225	2,9*	1,28	0,4	-	
UpF3	4,875	3,55*	1,93*	1,05	0,65	-
UtF3	6,875	5,55*	3,93*	3,05*	2,65*	2,0*

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Lampiran 9. Data suhu lingkungan dan kelembaban bulan Juni – September 1999

Minggu ke	Tanggal	Suhu (°C)	Kelembaban (%)
1	28 Juni – 4 Juli	29,7	71,9
2	5 –11 Juli	30	73,3
3	12 – 18 Juli	29,7	71,4
4	19 – 25 Juli	28,9	72,4
5	26 Juli – 1 Agt	28,7	72,3
6	2 – 8 Agt	30	74,2
7	9 – 15 Agt	30,3	80,9
8	16 – 22 Agt	30,4	75,6
9	23 – 29 Agt	30,7	76,8
10	30 Agt – 5 Sept	28,7	80,3
11	6 – 12 Sept	30	75,6
12	13 – 19 Sept	29,8	74,5
Rata-rata		29,74	74,93

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Lampiran 10. Data pH tanah pada setiap kombinasi perlakuan selama penelitian

Minggu Ke	pH tanah pada kombinasi perlakuan					
	UpF1	UtF1	UpF2	UtF2	UpF3	UtF3
0	6,5	6,5	6,5	6,5	6,5	6,5
I	6,7	6,5	6,7	6,6	6,6	6,7
II	5,5	6,7	5,8	6,0	5,9	6,8
III	6,0	6,6	6,1	6,4	6,4	6,3
IV	6,3	6,0	6,4	6,5	6,3	6,0
V	6,6	5,0	6,5	6,6	6,6	6,6
VI	6,7	5,3	6,7	6,8	6,7	6,9
VII	6,3	6,0	5,9	6,3	6,0	6,0
VIII	6,4	6,2	6,1	5,9	6,2	5,9
IX	6,3	6,2	6,3	6,0	6,5	6,2
X	6,2	6,1	6,2	6,2	6,4	6,4
XI	6,3	6,2	6,2	6,3	6,0	6,3
XII	6,3	6,1	6,2	6,3	6,1	6,2

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