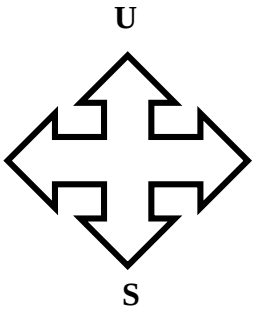
Lampiran 1. Lay Out Penelitian

U1	U2	U3
M0J1	M2J3	M1J1
M1J1	M2J2	M0J2
M2J1	M2J1	M0J1
M2J2	M1J3	M0J3
M1J2	M1J2	M1J3
M0J2	M1J1	M1J2
M2J3	M0J3	M2J3
M0J3	M0J2	M2J2
M1J3	M0J1	M2J1



Keterangan :

Panjang petak : 2 m
Luas petak : 70 m
Jarak antar petak : 30 cm
Jarak antar blok : 40 cm

Lampiran 2. Data Parameter Tinggi Tanaman Umur 14 Hst

Vareabel : Tinggi Tanaman Umur 14 Hst

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	7,6	7,86	4,418	19,88	6,626
M0J2	8,98	8,76	5,148	22,89	7,6293333
M0J3	9,85	9,5	4,328	23,68	7,8926667
M1J1	8	7,96	4,094	20,05	6,6846667
M1J2	9,025	9,4	3,7	22,13	7,375
M1J3	10,24	9,5	3,998	23,74	7,9126667
M2J1	8,7	8,48	4,234	21,41	7,138
M2J2	9,52	9,18	4,534	23,23	7,7446667
M2J3	11,06	10,86	3,856	25,78	8,592
Total	82,975	81,5	38,31	**202,79**	
Rata-rata	9,2194444	9,0555556	4,2566667		

Analisa Ragam Tingggi Tanaman 14 hst

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	143,05607	71,52803611	139,76443	3,6337235	6,2262353	**
Perlak	8	9,5035333	1,187941667	2,3212155	2,5910962	3,8895721	ns
M	2	1,3493029	0,674651444	1,3182561	3,6337235	6,2262353	ns
J	2	7,8668349	3,933417444	7,6858231	3,6337235	6,2262353	**
M x J	4	0,2873956	0,071848889	0,1403914	3,0069173	4,772578	ns
galat	16	8,1884111	0,511775694				
Total	26	160,74802					

FK = 1523,03

KK = 9,52506

Lampiran 3. Data Parameter Tinggi Tanaman Umur 28 Hst

Vareabel : Tinggi Tanaman Umur 28 Hst

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	10,8	11	11,8	33,60	11,2
M0J2	14,6	15	16	45,60	15,2
M0J3	15	14,8	15,8	45,60	15,2
M1J1	14,6	14,8	16,4	45,80	15,266667
M1J2	10,4	15	11,2	36,60	12,2
M1J3	14,2	15,8	16	46,00	15,333333
M2J1	13	14,2	15,4	42,60	14,2
M2J2	14,4	15,4	16,2	46,00	15,333333
M2J3	10,2	11,4	11,4	33,00	11
Total	117,2	127,4	130,2	**374,80**	
Rata-rata	13,022222	14,155556	14,466667		

Analisa Ragam Tingggi Tanaman Umur 28 hst

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	10,402963	5,2014815	6,3062416	3,6337235	6,2262353	**
Perlak	8	84,100741	10,512593	12,745397	2,5910962	3,8895721	**
M	2	2,5718519	1,2859259	1,559048	3,6337235	6,2262353	ns
J	2	2,1540741	1,077037	1,3057925	3,6337235	6,2262353	ns
M x J	4	79,374815	19,843704	24,058374	3,0069173	4,772578	**
Galat	16	13,197037	0,8248148				
Total	26	107,70074					

FK = 5202,78

KK = 6,54248

Lampiran 4. Data Parameter Tinggi Tanaman Umur 42 Hst

Vareabel : Tinggi Tanaman Umur 42 Hst

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	3,534	3,706	3,574	10,81	3,6046667
M0J2	4,112	3,98	4,302	12,39	4,1313333
M0J3	4,16	3,85	4,328	12,34	4,1126667
M1J1	4,066	4,026	4,094	12,19	4,062
M1J2	3,286	3,818	3,7	10,80	3,6013333
M1J3	4,116	4,058	3,998	12,17	4,0573333
M2J1	3,998	4,158	4,234	12,39	4,13
M2J2	4,09	3,73	4,534	12,35	4,118
M2J3	3,768	3,388	3,856	11,01	3,6706667
Total	35,13	34,714	36,62	**106,46**	
Rata-rata	3,9033333	3,8571111	4,0688889		

Analisa Ragam Tingggi Tanaman Umur 42 hst

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	0,2231849	0,1115924	2,9484414	3,6337235	6,2262353	ns
Perlak	8	1,3873627	0,1734203	4,5820278	2,5910962	3,8895721	**
M	2	0,0201627	0,0100813	0,2663641	3,6337235	6,2262353	ns
J	2	0,0016507	0,0008253	0,0218066	3,6337235	6,2262353	ns
M x J	4	1,3655493	0,3413873	9,0199703	3,0069173	4,772578	**
Galat	16	0,6055671	0,0378479				
Total	26	2,2161147					

FK = 419,799

KK = 4,93381

Lampiran 5. Data Parameter Jumlah Daun

Vareabel : Jumlah Daun

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	11,8	12,2	11,4	35,40	11,8
M0J2	17,2	15,2	18,4	50,80	16,933333
M0J3	19,4	16,2	17	52,60	17,533333
M1J1	15	14	19	48,00	16
M1J2	7,2	9,2	11,8	28,20	9,4
M1J3	14,8	16,8	16,8	48,40	16,133333
M2J1	13,2	16	13	42,20	14,066667
M2J2	15,4	17	18,2	50,60	16,866667
M2J3	11,2	10,2	10,2	31,60	10,533333
Total	125,2	126,8	135,8	**387,80**	
Rata-rata	13,911111	14,088889	15,088889		

Analisa Ragam Jumlah Daun

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	7,2562963	3,6281481	1,402735	3,6337235	6,2262353	ns
Perlak	8	224,08296	28,01037	10,829527	2,5910962	3,8895721	**
M	2	15,14963	7,5748148	2,9286175	3,6337235	6,2262353	ns
J	2	2,7407407	1,3703704	0,5298203	3,6337235	6,2262353	ns
M x J	4	206,19259	51,548148	19,929835	3,0069173	4,772578	**
Galat	16	41,383704	2,5864815				
Total	26	272,72296					

FK = 5569,96

KK = 11,1972

Lampiran 6. Data Parameter Jumlah Anakan

Vareabel : Jumlah Anakan

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	11,2	8,8	8,6	28,60	9,5333333
M0J2	12	11,4	12,8	36,20	12,066667
M0J3	11,8	10,8	13,2	35,80	11,933333
M1J1	7	11,8	11,6	30,40	10,133333
M1J2	11,6	10,2	9	30,80	10,266667
M1J3	11,8	12,2	11,4	35,40	11,8
M2J1	11,4	12,4	12,2	36,00	12
M2J2	9	12,2	13,6	34,80	11,6
M2J3	11,4	7,2	9,2	27,80	9,2666667
Total	97,2	97	101,6	**295,80**	
Rata-rata	10,8	10,777778	11,288889		

Analisa Ragam Jumlah Anakan

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	1,5022222	0,7511111	0,2639079	3,6337235	6,2262353	ns
Perlak	8	31,306667	3,9133333	1,3749756	2,5910962	3,8895721	ns
M	2	0,8888889	0,4444444	0,1561585	3,6337235	6,2262353	ns
J	2	2,5955556	1,2977778	0,4559828	3,6337235	6,2262353	ns
M x J	4	27,822222	6,9555556	2,4438805	3,0069173	4,772578	ns
Galat	16	45,537778	2,8461111				
Total	26	78,346667					

FK = 3240,65

KK = 15,399

Lampiran 7. Data Parameter Hasil Bobot Umbel

Vareabel : Bobot Umbel

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	18,34	20,32	20,26	58,92	19,64
M0J2	22,62	22,9	24,1	69,62	23,206667
M0J3	23,5	22,3	24,68	70,48	23,493333
M1J1	23,3	23,3	23,18	69,78	23,26
M1J2	18,52	21,38	20,4	60,30	20,1
M1J3	23,1	23,7	22,66	69,46	23,153333
M2J1	23,28	23,82	23,66	70,76	23,586667
M2J2	22,92	23,66	24,92	71,50	23,833333
M2J3	3,768	18,66	20,6	43,03	14,342667
Total	179,348	200,04	204,46	**583,85**	
Rata-rata	19,927556	22,226667	22,717778		

Analisa Ragam Hasil Bobot Umbel

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	39,937326	19,968663	2,2301455	3,6337235	6,2262353	ns
Perlak	8	237,07338	29,634172	3,3096115	2,5910962	3,8895721	*
M	2	14,516953	7,2584764	0,8106431	3,6337235	6,2262353	ns
J	2	22,826073	11,413036	1,2746338	3,6337235	6,2262353	ns
M x J	4	199,73035	49,932588	5,5765845	3,0069173	4,772578	**
Galat	16	143,26357	8,9539731				
Total	26	420,27427					

FK = 12625

KK = 13,838

Lampiran 8. Data Diameter Umbel

Vareabel : Diameter Umbel

Desain : RAK Faktorial 3x3

Perlakuan	Ulangan			Jml	Rata
	1	2	3		
M0J1	3,534	3,706	3,574	10,81	3,6046667
M0J2	4,112	3,98	4,302	12,39	4,1313333
M0J3	4,16	3,85	4,328	12,34	4,1126667
M1J1	4,066	4,026	4,094	12,19	4,062
M1J2	3,286	3,818	3,7	10,80	3,6013333
M1J3	4,116	4,058	3,998	12,17	4,0573333
M2J1	3,998	4,158	4,234	12,39	4,13
M2J2	4,09	3,73	4,534	12,35	4,118
M2J3	3,768	3,388	3,856	11,01	3,6706667
Total	35,13	34,714	36,62	**106,46**	
Rata-rata	3,9033333	3,8571111	4,0688889		

Analisa Ragam Diameter Umbel

SK	db	JK	KT	F-Hit	5%	1%	not
Kelp	2	0,2231849	0,1115924	2,9484414	3,6337235	6,2262353	ns
Perlak	8	1,3873627	0,1734203	4,5820278	2,5910962	3,8895721	**
M	2	0,0201627	0,0100813	0,2663641	3,6337235	6,2262353	ns
J	2	0,0016507	0,0008253	0,0218066	3,6337235	6,2262353	ns
M x J	4	1,3655493	0,3413873	9,0199703	3,0069173	4,772578	**
galat	16	0,6055671	0,0378479				
Total	26	2,2161147					

FK = 419,799

KK = 4,93381

Lampiran Foto Penlitian


1. Persiapan pembuatan bedengan


2. Proses Penanaman bawang Merah


3. Tanaman Umur 14 HST


4. Tanaman Umur 28 HST


5. Tanaman Umur 42 HST


6. Pemupukan tanaman NPK dengan metode spray (14, 19, 24 HST)


7. Pemupukan tanaman NPK dengan metode Kocor (50, 55 HST)


8. Penghitungan Jumlah Daun


9. Penghitungan Jumlah Anakan


10. Pemanenan Bawang Merah


11. Penibangan Bobot Umbel


12. Pengukuran Diameter Umbel