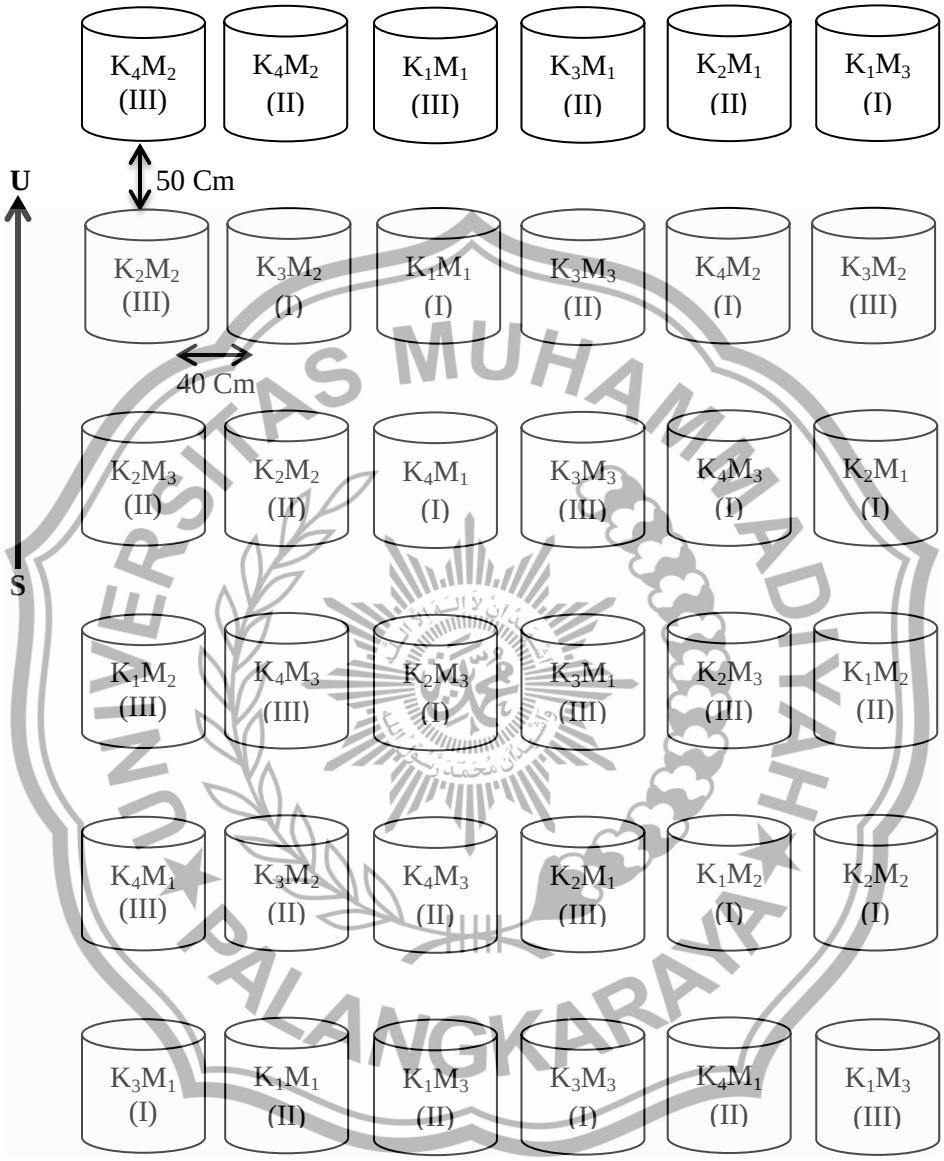
Lampiran 1. Denah Tata Letak Percobaan



Keterangan:

K	= Pupuk Kandang
M	= Pupuk Multi Kalium Fosfat
1,2,3 dan 4	= Dosis Masing-masing Pupuk
I, II dan II	= Ulangan

Lampiran 2. Data Tinggi Tanaman Umur 14 MST

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	28,7	28,5	29,2	86,4	28,80
K_1M_2	29,4	30,3	29,4	89,1	29,70
K_1M_3	29,4	31,3	31,3	92,0	30,67
K_2M_1	31,5	32,3	31,4	95,2	31,73
K_2M_2	35,8	36,1	36,4	108,3	36,10
K_2M_3	40,4	42,2	40,1	122,7	40,90
K_3M_1	40,1	40,7	39,3	120,1	40,03
K_3M_2	43,2	42,5	41,3	127,0	42,33
K_3M_3	50,0	49,4	49,4	148,8	49,60
K_4M_1	46,6	45,6	44,3	136,5	45,50
K_4M_2	48,7	49,2	48,0	145,9	48,63
K_4M_3	50,7	51,0	51,5	153,2	51,07
Total				1425,2	

Lampiran 3. Data Tinggi Tanaman Umur 28 HST (cm)

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	58,8	56,6	59,0	174,4	58,13
K_1M_2	62,2	63,0	63,3	188,5	62,83
K_1M_3	65,5	63,3	65,2	194,0	64,67
K_2M_1	63,3	64,2	63,6	191,1	63,70
K_2M_2	66,2	76,0	69,3	211,5	70,50
K_2M_3	70,1	72,0	72,4	214,5	71,50
K_3M_1	68,4	69,2	68,5	206,1	68,70
K_3M_2	76,1	75,5	75,3	226,9	75,63
K_3M_3	81,7	82,7	80,8	245,2	81,73
K_4M_1	82,2	80,7	81,5	244,4	81,47
K_4M_2	84,1	83,6	84,0	251,7	83,90
K_4M_3	86,0	86,2	85,6	257,8	85,93
Total	-	-	-	2606,1	-

Lampiran 3. Data Tinggi Tanaman Umur 42 HST (cm)

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	86,3	89,5	85,8	261,6	87,20
K_1M_2	89,8	88,7	89,0	267,5	89,17
K_1M_3	91,6	93, 3	95,2	186,8	93,40
K_2M_1	94,8	94,4	94,7	283,9	94,63
K_2M_2	95,0	95,8	96,2	287,0	95,67
K_2M_3	96,4	96,0	95,8	288,2	96,07
K_3M_1	97,0	96,8	97,5	291,3	97,10
K_3M_2	98,0	98,7	97,7	294,4	98,13
K_3M_3	98,7	98,4	98,2	295,3	98,43
K_4M_1	98,0	99,6	98,4	296,0	98,67
K_4M_2	99,3	99,0	98,7	297,0	99,00
K_4M_3	102,0	107,2	104,4	313,6	104,53
Total				3362,6	

Lampiran 5. Hasil Analisis Ragam Tinggi Tanaman Umur 14, 28 dan 42 HST

SK	DB	JK	KT	F HIT	F TABEL	
					5%	1%
14 HST						
Perlakuan	11	2177,40	197,95	359,90 **	2,22	3,09
K	3	1849,79	616,59	1117,69 **	3,01	4,72
M	2	259,60	129,80	235,29 **	3,40	5,61
KM	6	68,01	11,35	20,56 **	2,67	3,67
Galat	24	13,24	0,55			
Total	**35**					
28 HST						
Perlakuan	11	2890,30	262,75	320,98**	2,22	3,09
K	3	2445,73	815,24	995,89**	3,01	4,72
M	2	381,91	190,96	233,27**	3,40	5,61
KM	6	62,66	10,44	12,76**	2,51	3,67
Galat	24	19,65	0,82			
Total	**35**					
42 HST						
Perlakuan	11	700,99	63,73	47,44**	2,22	3,09
K	3	570,09	190,03	141,46**	3,01	4,72
M	2	86,74	43,37	32,29**	3,40	5,61
KM	6	44,16	7,36	5,48**	2,51	3,67
Galat	24	32,24	1,34			
Total	**35**					

Keterangan : **= Berpengaruh sangat nyata

Lampiran 6. Data Jumlah Daun Umur 14 HST

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	6,0	7,0	6,0	19,0	6,33
K_1M_2	7,0	6,0	7,0	20,0	6,67
K_1M_3	7,0	8,0	7,0	22,0	7,33
K_2M_1	8,0	7,0	8,0	23,0	7,67
K_2M_2	10,0	10,0	9,0	29,0	9,67
K_2M_3	11,0	11,0	12,0	34,0	11,33
K_3M_1	10,0	10,0	11,0	31,0	10,33
K_3M_2	13,0	14,0	12,0	39,0	13,00
K_3M_3	14,0	15,0	13,0	42,0	14,00
K_4M_1	15,0	14,0	14,0	43,0	14,33
K_4M_2	15,0	14,0	14,0	43,0	14,33
K_4M_3	16,0	15,0	16,0	47,0	15,67
Total				392,0	

Lampiran 7. Data Jumlah Daun Umur 28 HST

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	15,0	17,0	18,0	50,00	16,67
K_1M_2	20,0	18,0	21,0	59,00	19,67
K_1M_3	20,0	21,0	21,0	62,00	20,67
K_2M_1	22,0	20,0	24,0	66,00	22,00
K_2M_2	23,0	22,0	25,0	70,00	23,33
K_2M_3	25,0	26,0	25,0	76,00	25,33
K_3M_1	24,0	26,0	28,0	78,00	26,00
K_3M_2	29,0	32,0	33,0	94,00	31,33
K_3M_3	35,0	37,0	38,0	110,00	36,67
K_4M_1	37,0	38,0	38,0	113,00	37,67
K_4M_2	36,0	38,0	39,0	113,00	37,67
K_4M_3	38,0	40,0	42,0	120,00	40,00
Total				1011,00	

Lampiran 8. Data Jumlah Daun Umur 42 HST

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	33,0	34,0	32,0	99,0	33,00
K_1M_2	33,0	33,0	34,0	100,0	33,33
K_1M_3	35,0	34,0	35,0	104,0	34,67
K_2M_1	37,0	36,0	35,0	108,0	36,00
K_2M_2	38,0	36,0	38,0	112,0	37,33
K_2M_3	39,0	39,0	40,0	118,0	39,33
K_3M_1	41,0	42,0	42,0	125,0	41,67
K_3M_2	42,0	42,0	42,0	126,0	42,00
K_3M_3	44,0	43,0	45,0	132,0	44,00
K_4M_1	43,0	44,0	44,0	131,0	43,67
K_4M_2	48,0	46,0	45,0	139,0	46,33
K_4M_3	50,0	49,0	53,0	152,0	50,67
Total				1446,0	

Lampiran 9. Hasil Analisi Ragam Jumlah Umur 14, 28 dan 42 HST

SK	DB	JK	KT	F HIT	F TABEL	
					5%	1%
14 HST						
Perlakuan	11	372,89	33,90	77,04**	2,22	3,09
K	3	326,00	108,67	244,50**	3,01	4,72
M	2	35,06	17,53	39,44**	3,40	5,61
KM	6	11,83	1,97	4,44**	2,51	3,67
Galat	24	10,67	0,44			
Total	**35**					
28 HST						
Perlakuan	11	2212,75	201,1591	83,24**	2,22	3,09
K	3	1988,31	662,77	274,25**	3,01	4,72
M	2	155,17	77,58	32,10**	3,40	5,61
KM	6	69,28	11,55	4,78**	2,51	3,67
Galat	24	58,00	2,42			
Total	**35**					
42 HST						
Perlakuan	11	1005,67	91,42	86,61**	2,22	3,09
K	3	899,67	299,89	284,11**	3,01	4,72
M	2	80,17	40,08	37,97**	3,40	5,61
KM	5	25,83	5,17	4,89**	2,51	3,67
Galat	24	25,33	1,06			
Total	**35**					

Keterangan :**= Berpengaruh sangat nyata

Lampiran 10. Data Jumlah Cabang Produktif

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	2,0	2,0	3,0	7,0	2,33
K_1M_2	3,0	3,0	2,0	8,0	2,67
K_1M_3	3,0	3,0	3,0	9,0	3,00
K_2M_1	4,0	5,0	4,0	13,0	4,33
K_2M_2	6,0	6,0	6,0	18,0	6,00
K_2M_3	6,0	7,0	7,0	20,0	6,67
K_3M_1	9,0	8,0	8,0	25,0	8,33
K_3M_2	8,0	9,0	8,0	25,0	8,33
K_3M_3	9,0	9,0	9,0	27,0	9,00
K_4M_1	9,0	9,0	9,0	27,0	9,00
K_4M_2	9,0	10,0	9,0	28,0	9,33
K_4M_3	11,0	10,0	10,0	31,0	10,33
Total				238,0	

Lampiran 11. Data Jumlah Buah Pertanaman

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	1,0	1,0	1,0	3,0	1,00
K_1M_2	1,0	1,0	1,0	3,0	1,00
K_1M_3	2,0	1,0	1,0	4,0	1,33
K_2M_1	2,0	2,0	1,0	5,0	1,67
K_2M_2	2,0	2,0	2,0	6,0	2,00
K_2M_3	2,0	3,0	2,0	7,0	2,33
K_3M_1	3,0	3,0	2,0	8,0	2,67
K_3M_2	3,0	3,0	3,0	9,0	3,00
K_3M_3	4,0	4,0	4,0	12,0	4,00
K_4M_1	4,0	4,0	4,0	12,0	4,00
K_4M_2	5,0	5,0	5,0	15,0	5,00
K_4M_3	6,0	6,0	6,0	18,0	6,00
Total				102,0	

Lampiran 12. Data Berat Buah Segar Pertanaman (g)

Perlakuan	Ulangan			Total	Rata-rata
	I	II	III		
K_1M_1	225,3	210,4	230,6	666,3	222,10
K_1M_2	240,4	220,5	225,7	686,6	228,87
K_1M_3	401,1	250,6	240,3	892,0	297,33
K_2M_1	331,1	336,3	240,5	907,9	302,63
K_2M_2	350,8	386,4	390,4	1127,6	375,87
K_2M_3	340,6	517,3	425,7	1283,6	427,87
K_3M_1	550,7	452,2	385,6	1388,5	462,83
K_3M_2	530,5	537,2	576,7	1644,4	548,13
K_3M_3	791,5	691,4	661,4	2144,3	714,77
K_4M_1	697,4	776,9	729,0	2203,3	734,43
K_4M_2	852,5	886,7	962,3	2701,5	900,50
K_4M_3	1052,6	1147,3	1082	3282,0	1094,00
Total				18928,0	

Lampiran 13. Analisis Data jumlah cabang produktif, jumlah buah dan berat buah

SK	DB	JK	KT	F HIT	F TABEL	
					5%	1%
Jumlah Cabang Produktif						
Perlakuan	11	310,75	28,25	169,50**	2,22	3,09
K	3	291,64	97,21	583,28**	3,01	4,72
M	2	15,17	7,59	45,51**	3,40	5,61
KM	5	3,94	0,79	4,73**	2,67	3,67
Galat	24	4,00	0,17			
Total	**35**					
Jumlah Buah						
Perlakuan	11	86,44	7,86	70,64**	2,22	3,09
K	3	76,66	25,55	229,69**	3,01	4,72
M	2	7,17	3,59	32,22**	3,40	5,61
KM	6	2,61	0,44	3,91**	2,67	3,67
Galat	24	2,67	0,11			
Total	**35**					
Berat Buah						
Perlakuan	11	2581891,49	234717,41	72,83**	2,22	3,09
K	3	2255699,00	751899,67	233,32**	3,01	4,72
M	2	249565,40	124782,70	38,72**	3,40	5,61
KM	6	76627,09	12771,18	3,96**	2,67	3,67
Galat	24	77343,50	3222,65			
Total	**35**					

Keterangan : ** = Berpengaruh sangat nyata

Lampiran 14. Dokumen Kegiatan

Gambar 1. Persemaian Terung

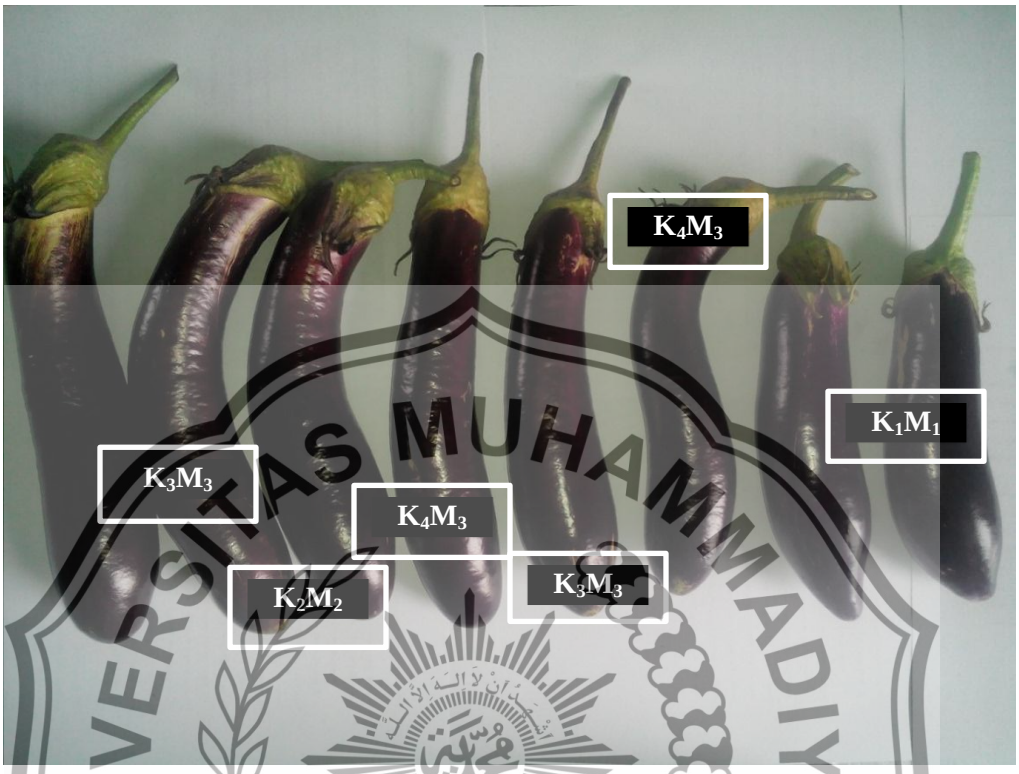
Gambar 2. Umur 7 hari setelah tanam

Gambar 3. Terung umur 14 HST

Gambar 4. Pertumbubuhan terung umur 28 HS

Gambar 5. Pertumbuhan terung umur 42 HST

Gambar 6. Buah terung perlakuan K_4M_3



Gambar 7. Sampel buah teru

Gambar 8. Sampel panen buah terung

Gambar 9. Pupuk Multi KP

Gambar 10. Varietas Terung

Gambar 11. Sampel PH tanah setelah di pupuk

Lampiran 15. Deskripsi Tanaman Terung

Kriteria	Keterangan
Varietas Produksi	PT. BISI Internasional Tbk Suranaya-Jawa Timur
Nama Varietas	RATIH UNGU F1
Golongan Varietas	Benih Terong Hibrida
Panjang Buah	± 28 cm
Diameter Buah	± 5 cm
Warna Buah	Ungu
Umur Panen	± 60 Hari Setelah Tanam
Potensi Hasil	3,5 kg/tanaman
Kesesuaian lahan	Cocok ditanam di dataran rendah sampai menengah
Daya Tumbuh	Min 90%
Kemurnian	Min 98%

Lampiran 15 . Cara menghitung dosis pupuk

Diketahui:

Berat tanah/polybag = 15 Kg
Berat tanah berpaksir perhektar = V x BD
Kedalaman tanah bepasir yang diambil (K) = 20 cm = 0,2 m
1 ha = 10.000 m^2 = 100 x 100 m
BD = 1,54 g/cm^2

Jadi,

V= P x L x K

Maka Volume tanah berpasir
= 100 x 100 x 0,2
= 2.000 m^2 / ha

Berat tanah berpasir perhektar = V x BD
= 2.000 m^3 x 1,54 g/cm^3
= 2.000.000.000 cm^3 x 1,54 g/cm^3
= 3.080.000.000 g
= 3.080 ton/ha

$$\text{Jumlah pupuk} = \frac{\text{Berat tanah perpolybag}}{\text{Berat tanah berpasir perhektar}} \times \text{Dosis Rekomendasi}$$

1 Pupuk Kandang

Dosis 10 ton/ha (K_1) $= \frac{15 \text{ kg}}{3.080.000} \times 10.000$
$= 0{,}0487$
$= 48{,}70$

Dosis 20 ton/ha (K_2) $= \frac{15}{3.080.000} \times 20.000$
$= 0{,}09470$
$= 97{,}40$

Dosis 30 ton/ha (K_3) $= \frac{15}{3.080.000} \times 30.000$
$= 0{,}14610$
$= 146{,}10$

Dosis 40 ton/ha (K_4) $= \frac{15}{} \times 40.000$

3.080.000
= 0,19481
= 194,81

2 Pupuk Multi Kalium Fosfat

Dosis 300 kg/ha (M_1) $= \frac{15}{3.080.000} \text{ X } 300$

= 0,00146
= 1,46

Dosis 600 kg/ha (M_2) $= \frac{15}{3.080.000} \text{ X } 600$

= 0,00292
= 2,92

Dosis 900 kg/ha (M_3) $= \frac{15}{3.080.000} \text{ X } 900$

= 0,00438
= 4,38

Lampiran 16. Volume penyiraman air

Perlakuan	Volume Penyiraman (ml)	
	Fase Vegetatif	Fase Generatif
K_1M_1	500	1000
K_1M_2	500	1000
K_1M_3	500	1000
K_2M_1	500	1000
K_2M_2	500	1000
K_2M_3	500	1000
K_3M_1	500	1000
K_3M_2	500	1000
K_3M_3	500	1000
K_4M_1	500	1000
K_4M_2	500	1000
K_4M_3	500	1000

Keterangan :

- Fase vegetatif yaitu pada saat tanam sampai mulai munculnya bunga
- Fase generatif yaitu pada saat mulai munculnya bunga hingga panen atau sampai selesai.
- Penyiraman dilakukan dengan menggunakan gayung yang diberi lubang menyerupai gembor kemudian diberi tanda sesuai volume.