

## LAMPIRAN

### Lampiran 1. Perhitungan Kebutuhan Pupuk

Perhitungan Populasi Per Ha.

Diket : 1 ha = 10.000 m<sup>2</sup>

Jarak Tanam = 60 cm x 70 cm = 0,6 m x 0,7 m

Faktor Konvensi (rigasi, dll) = 0,8

Maka Populasi :

$$\begin{aligned} \frac{10.000 \times 0,8}{60 \times 70} &= \frac{10.000 \times 0,8}{0,6 \times 0,7} \\ &= \frac{10.000}{0,42} \times 0,8 \\ &= 23809 \times 0,8 \\ &= 19047 \end{aligned}$$

Kebutuhan pupuk/tanaman :

Kebutuhan pupuk :  $\frac{\text{dosis anjuran}}{\text{Populasi}}$

P0 : 0 kg/ha

$$= \frac{0 \text{ kg/ha}}{19047 \text{ tan}} = \frac{0}{19047} = 0 \text{ gr/tanaman}$$

P1 : 150 kg/ha.

$$= \frac{150 \text{ kg/ha}}{19047 \text{ tan}} = \frac{150.000}{19047} = 7,8 \text{ gr/tanaman}$$

P2 : 300 kg/ha.

$$= \frac{300 \text{ kg/ha}}{19047 \text{ tan}} = \frac{300.000}{19047} = 15,75 \text{ gr/tanaman}$$

P3 : 450 kg/ha.

$$= \frac{450 \text{ kg/ha}}{19047 \text{ tan}} = \frac{450.000}{19047} = 23,6 \text{ gr/tanaman}$$

P4 : 600 kg/ha.

$$= \frac{600 \text{ kg/ha}}{19047 \text{ tan}} = \frac{600.000}{19047} = 31,5 \text{ gr/tanaman}$$

## Lampiran 2. Dokumentasi Kegiatan Lapangan



Gambar 1. Pembersihan Lahan



Gambar 2. Pengolahan Lahan



Gambar 3. Pembagian Lahan



Gambar 4. Membuat lubang tanam



Gambar 5. Pengisian Benih



Gambar 6. Kondisi Lahan 9 HST



Gambar 7. Pengamatan Jumlah daun



Gambar 8. Pemberian Pupuk Npk



Gambar 9. Penyiraman



Gambar 10. Panen



Gambar 11. Penimbangan



Gambar 12. PHP

### Lampiran 3. Data Hasil Pengamatan Tinggi Tanaman

#### 14 HST

Perlakuan	14 HST			Total	Rata-rata
	1	2	3		
P0	34.5	31	30	95.5	31.83
P1	30	39	37	106	35.33
P2	46	28	38	112	37.33
P3	45	40	34	119	39.67
P4	44.5	36	14	94.5	31.50
P0	45	40	26	111	37.00
P1	18	31	28	77	25.67
P2	44	55	40	139	46.33
P3	29	36	27	92	30.67
P4	25	48	17	90	30.00
P0	42	40	43	125	41.67
P1	24	38	51	113	37.67
P2	29	42	39	110	36.67
P3	39	30	25	94	31.33
P4	38	44	44	126	42.00

#### 28 HST

Perlakuan	28 HST			Total	Rata-rata
	1	2	3		
P0	65	40	45	150	50.00
P1	56	49	51	156	52.00
P2	41	49	45.7	135.7	45.23
P3	52	66	45.8	163.8	54.60
P4	55.3	49	47	151.3	50.43
P0	61	76	59	196	65.33
P1	42	57.4	35	134.4	44.80
P2	61	76	59	196	65.33
P3	40	52	54	146	48.67
P4	54	58	64	176	58.67
P0	56.3	60.4	51.4	168.1	56.03
P1	48.6	54.3	66.5	169.4	56.47
P2	62	69	52	183	61.00
P3	54	58.6	49	161.6	53.87
P4	48.5	51.6	60.3	160.4	53.47

**36 HST**

Perlakuan	36 HST			Total	Rata-rata
	1	2	3		
P0	78.9	80	75	233.9	77.97
P1	79	81	85.5	245.5	81.83
P2	76.9	75.6	86	238.5	79.50
P3	81	89.6	94.7	265.3	88.43
P4	78	62	71	211	70.33
P0	97	116	120	333	111.00
P1	90	83	70	243	81.00
P2	84	105	103	292	97.33
P3	69	80	92	241	80.33
P4	102	69	87	258	86.00
P0	73	82	74	229	76.33
P1	115	77	103	295	98.33
P2	104	90	87	281	93.67
P3	80	120	87	287	95.67
P4	68.5	78	80	226.5	75.50

**42 HST**

Perlakuan	42 HST			Total	Rata-rata
	1	2	3		
P0	116	113	128	357	119.00
P1	118	201	135	454	151.33
P2	123	121	101	345	115.00
P3	202	138	146	486	162.00
P4	119	106	110	335	111.67
P0	129	150	153	432	144.00
P1	148	130	119	397	132.33
P2	136	160	178	474	158.00
P3	120	127	135	382	127.33
P4	149	117	126	392	130.67
P0	143	107	134	384	128.00
P1	87	118	146	351	117.00
P2	117	124	120	361	120.33
P3	127	168	131	426	142.00
P4	115	120	128	363	121.00

**Lampiran 4. Data Hasil Pengamatan Jumlah Daun****14 HST**

Perlakuan	14 HST			Total	Rata-rata
	1	2	3		
P0	5	4	4	13	4.33
P1	6	6	5	17	5.67
P2	6	5	6	17	5.67
P3	6	5	5	16	5.33
P4	6	5	3	14	4.67
P0	6	5	6	17	5.67
P1	4	4	4	12	4.00
P2	6	6	5	17	5.67
P3	3	5	4	12	4.00
P4	4	6	4	14	4.67
P0	5	5	5	15	5.00
P1	4	6	7	17	5.67
P2	4	5	4	13	4.33
P3	4	6	5	15	5.00
P4	6	6	6	18	6.00

**28 HST**

Perlakuan	28 HST			Total	Rata-rata
	1	2	3		
P0	8	7	7	22	7.33
P1	8	7	10	25	8.33
P2	7	8	8	23	7.67
P3	9	7	7	23	7.67
P4	7	7	9	23	7.67
P0	8	6	7	21	7.00
P1	8	7	7	22	7.33
P2	7	9	8	24	8.00
P3	7	8	7	22	7.33
P4	6	6	7	19	6.33
P0	8	9	9	26	8.67
P1	8	9	8	25	8.33
P2	6	8	8	22	7.33
P3	9	8	8	25	8.33
P4	8	8	9	25	8.33

**36 HST**

Perlakuan	36 HST			Total	Rata-rata
	1	2	3		
P0	10	9	10	29	9.67
P1	10	9	10	29	9.67
P2	9	10	10	29	9.67
P3	11	9	10	30	10.00
P4	10	9	12	31	10.33
P0	11	10	9	30	10.00
P1	10	13	11	34	11.33
P2	11	13	10	34	11.33
P3	8	13	10	31	10.33
P4	12	10	10	32	10.67
P0	9	9	9	27	9.00
P1	10	10	11	31	10.33
P2	8	10	10	28	9.33
P3	9	9	13	31	10.33
P4	10	12	11	33	11.00

**42 HST**

Perlakuan	42 HST			Total	Rata-rata
	1	2	3		
P0	18	15	16	49	16.33
P1	16	18	18	52	17.33
P2	14	15	15	44	14.67
P3	16	14	15	45	15.00
P4	18	13	17	48	16.00
P0	15	18	18	51	17.00
P1	18	18	18	54	18.00
P2	16	18	14	48	16.00
P3	13	14	15	42	14.00
P4	18	14	15	47	15.67
P0	14	16	15	45	15.00
P1	18	17	18	53	17.67
P2	16	16	14	46	15.33
P3	13	15	16	44	14.67
P4	16	17	16	49	16.33

**Lampiran 5. Data Hasil Panen Bobot Per Tanaman**

Ulangan	Perlakuan	pengamatan			Total	Rata-rata
		1	2	3		
U1	P0	477	417	508	1402	467
	P1	469	435	468	1372	457
	P2	371	391	342	1104	368
	P3	382	452	366	1200	400
	P4	422	451	476	1349	450
U2	P0	456	469	335	1260	420
	P1	593	496	453	1542	514
	P2	465	500	375	1340	447
	P3	368	588	436	1392	464
	P4	482	549	354	1385	462
U3	P0	436	407	475	1318	439
	P1	549	446	456	1451	484
	P2	358	451	348	1157	386
	P3	361	311	470	1142	381
	P4	543	447	290	1280	427

**Lampiran 6. Data Bobot Tongkol Per petak**

Ulangan	Perlakuan	rata-rata
U1	P0	9340
	P1	9140
	P2	7360
	P3	8000
	P4	9000
U2	P0	8400
	P1	10280
	P2	8940
	P3	9280
	P4	9240
U3	P0	8780
	P1	9680
	P2	7720
	P3	7620
	P4	8540



**Lampiran 7. Bobot Tongkol Per Ha**

Ulangan	Perlakuan	rata-rata	kg/ha
U1	P0	15504	155.04
	P1	15172	151.72
	P2	12218	122.18
	P3	13280	132.80
	P4	14940	149.40
U2	P0	13944	139.44
	P1	17065	170.65
	P2	14840	148.40
	P3	15405	154.05
	P4	15338	153.38
U3	P0	14575	145.75
	P1	16069	160.69
	P2	12815	128.15
	P3	12649	126.49
	P4	14176	141.76

**Lampiran 8. Tabel Anova Tinggi Tanaman Jagung Manis**

**14 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	40.66	20.33	0.72	tn	4.10	7.56
Perlakuan	4	100.03	25.01	0.88	tn	3.48	5.99
Galat	10	282.75	28.27				
Total	14	423.44					

**28 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	116.89	58.44	1.33	tn	4.46	8.65
Perlakuan	4	90.73	22.68	0.52	tn	3.84	7.01
Galat	8	351.19	43.90				
Total	14	558.81					

**36 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	353.08	176.54	1.38	tn	4.46	8.65
Perlakuan	4	314.56	78.64	0.61	tn	3.84	7.01
Galat	8	1025.89	128.24				
Total	14	1693.53					

**42 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	409.84	204.92	0.69	tn	4.46	8.65
Perlakuan	4	789.57	197.39	0.66	tn	3.84	7.01
Galat	8	2387.42	298.43				

**Lampiran 9. Tabel Anova Jumlah Daun Jagung Manis****14 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	0.45	0.23	0.32	tn	4.46	8.65
Perlakuan	4	0.35	0.09	0.12	tn	3.84	7.01
Galat	8	5.64	0.70				
Total	14	6.44					

**28 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	2.50	1.25	3.94	tn	4.46	8.65
Perlakuan	4	0.48	0.12	0.38	tn	3.84	7.01
Galat	8	2.55	0.32				
Total	14	5.53					

**36 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	2.17	3.71	3.72	**	4.46	8.65
Perlakuan	4	2.09	0.52	1.80	tn	3.84	7.01
Galat	8	2.34	0.29				
Total	14	6.60					

**42 HST**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	0.31	0.16	0.35	tn	4.46	8.65
Perlakuan	4	15.89	3.97	8.81	**	3.84	7.01
Galat	8	3.61	0.45				
Total	14	19.80					

**Lampiran 10. Tabel Anova Bobot Tongkol Per Tanaman**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	4263.33	2131.67	2.70	tn	4.46	8.65
Perlakuan	4	12725.60	3181.40	4.02	*	3.84	7.01
Galat	8	6324.00	790.50				
Total	14	23312.93					

**Lampiran 11. Tabel Anova Bobot Tongkol Per Petak**

SK	DB	JK	KT	F HIT		F TAB	
						0.05	0.01
Kelompok	2	9325173.33	4662586.67	7.33	**	4.46	8.65
Perlakuan	4	1705333.33	426333.33	0.67	tn	3.84	7.01
Galat	8	5090240.00	636280.00				
Total	14	9325173.33					

**Lampiran 12. Tabel Anova Bobot Per Ha**

DB	JK	KT	F HIT		F TAB	
					0.05	0.01
2	2569.31	1284.65	9.16	**	4.10	7.56
4	470.02	117.50	0.84	tn	3.48	5.99
10	1402.35	140.24				
14	2569.31					

