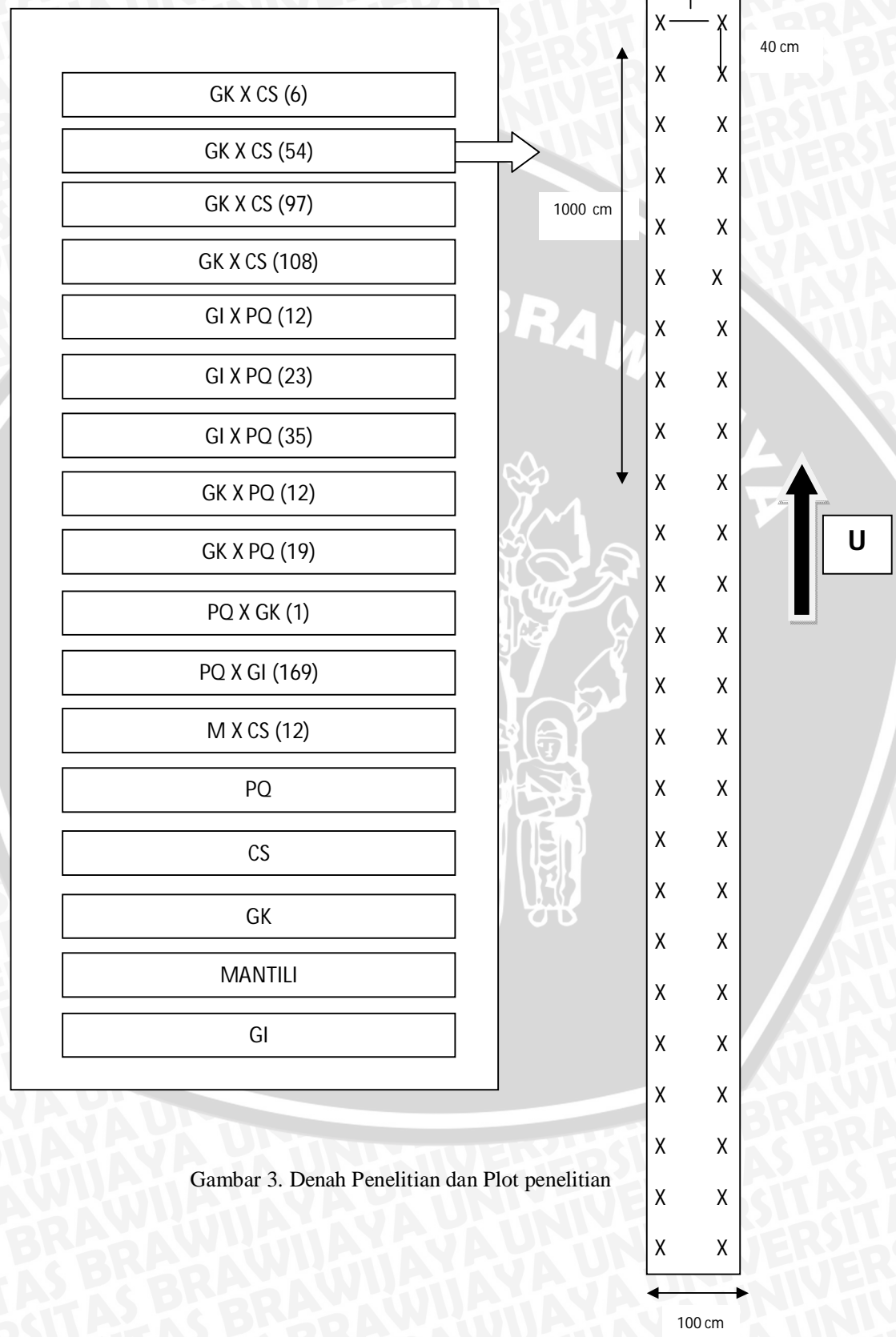


Lampiran 1. Denah Penelitian dan Plot



Gambar 3. Denah Penelitian dan Plot penelitian

Lampiran 2. Deskripsi varietas buncis yang digunakan dalam penelitian F1, Oktarisna, 2013

Deskripsi	Purple Queen	Cherokee Sun	Gogo Kuning	Gilik Ijo	Mantili
Asal –usul	Introduksi	Introduksi	Lokal	Lokal	Lokal
Tipe tumbuh	Merambat	Tegak	Tegak	Merambat	Merambat
Warna bunga	Ungu	Pink	Putih	Putih	Putih
Warna daun	Hijau	Hijau	Hijau	Hijau	Hijau
Warna batang	Ungu	Hijau	Hijau	Hijau	Hijau
Warna polong	Ungu	Kuning	Hijau	Hijau	Hijau
Warna biji	Putih	Hitam	Kuning	Putih	Kuning
Umur berbunga (hst)	42,2	27,6	24,67	34	29,33
Awal panen polong muda (hst)	51,44	35,33	33,67	38,37	40,48
Awal panen polong kering (hst)	88,35	70,33	73,33	78,2	79,4
Panjang polong (cm)	19,5	15,25	15	17,33	19,33
Jumlah biji per polong	8,83	5,4	5,33	10,38	10,77
Bobot per polong (g)	10,28	6,17	8,33	8,48	8,33
Bobot polong per tanaman (g)	800,94	221,00	543,33	810	723,33
Jumlah polong per tanaman	68,83	28,33	51,67	131,67	73,33
Bobot 100 biji (g)	35,96	31,27	33,47	31,67	35,63
Panjang biji (cm)	1,22	1,13	0,86	0,74	0,87
Lebar biji (cm)	0,43	0,38	0,43	0,33	0,46

Lampiran 3. Dokumentasi



(a)

(b)

(c)



(d)

(e)

(f)



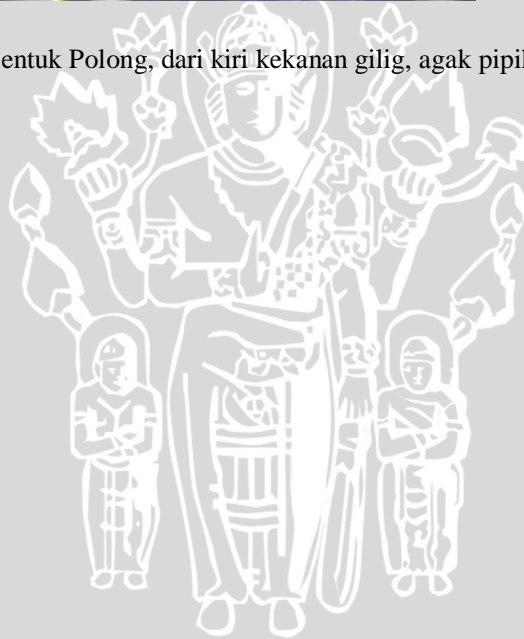
(g)

(h)

Gambar 5. Warna polong buncis, a: ungu gelap, b: ungu cerah, c: merah kehijauan, d: hijau kemerahan, e: ungu kehijauan, f: hijau keunguan, g: hijau, h: kuning



Gambar 6. Bentuk Polong, dari kiri kekanan gilig, agak pipih, pipih



Lampiran 4. Data Hasil Analisis Pada 12 Famili F4 Buncis Polong Ungu

1. Tabel Hasil Analisis Komponen Hasil Buncis Gogo Kuning x Cherokee Sun (6 - 6)

Nama famili	Tan	Kualitatif										Kuantitatif					
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed. 1. GKCS 6-6	6	2	1	3	1	1	3	3	30	60	45	4.44	10.64	0.67	49	194.53	2.80
	7	2	1	3	1	1	3	3	30	80	45	3.20	8.84	0.78	79	313.63	4.00
	8	1	1	3	1	1	2	1	30	23	45	3.23	9.58	0.81	23	91.31	3.28
	9	3	1	3	1	1	2	2	30	98	45	4.73	11.04	0.64	94	373.18	3.75
	10	1	1	3	1	1	2	3	30	94	45	4.03	9.70	0.67	69	273.93	2.10
	11	1	1	3	1	1	2	1	30	14	45	3.13	9.30	0.53	12	47.64	3.78
	12	3	1	3	1	1	3	3	30	76	45	4.82	11.38	0.63	73	289.81	4.90
	13	3	1	3	1	1	2	2	30	83	45	5.19	10.55	0.68	67	265.99	4.95
	14	3	1	3	1	1	2	3	30	75	45	3.46	9.79	0.64	73	289.81	5.11
	17	3	1	3	1	1	3	3	30	64	45	4.30	11.45	0.64	60	238.20	2.10

20	1	1	3	1	1	3	2	30	55	45	3.78	9.17	0.68	40	158.80	2.00
25	1	1	3	1	1	2	1	30	41	45	3.58	9.25	0.57	36	142.92	3.00
29	3	1	3	1	1	3	3	30	23	45	3.95	10.21	0.57	12	47.64	2.60
31	3	1	3	1	1	3	2	30	67	45	3.69	9.82	0.52	62	246.14	4.20
32	3	1	3	1	1	2	1	30	65	45	3.95	10.42	0.58	60	238.20	3.80
34	3	1	3	1	1	3	1	30	67	45	5.25	10.85	0.59	54	214.38	2.90
35	3	1	3	1	1	3	2	30	50	45	5.25	10.85	0.59	46	182.62	4.70
36	3	1	3	1	1	3	2	30	65	45	5.47	11.31	0.58	62	246.14	2.67
38	1	1	3	1	1	3	2	30	55	45	3.20	9.32	0.57	46	182.62	3.50
41	3	1	3	1	1	3	2	30	52	45	4.81	12.34	0.58	44	174.68	3.61
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	2.3	1	3	1	1	2.6	2.1	30	60.35	45	4.17	10.29	0.63	53.05	210.61	3.49
sum	46	20	60	20	20	52	42	600	1207	900	83.47	205.81	12.53	1061	4212.17	69.75
σ	0.92	0	0	0	0	0.50	0.79	0	22.48	0	0.78	0.94	0.08	21.50	85.37	0.97
σ^2_f	0.85	0	0	0	0	0.25	0.62	0	505.29	0	0.61	0.89	0.01	462.37	7287.30	0.94
σ^2_e cherokee																
sun	0	0	0	0	0	0	0	0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
σ^2_e Gogo	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42

Kuning																	
$\mu \sigma^2 e$	0	0	0	0	0	0	0	0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93	
$\sigma^2 g$	0.85	0	0	0	0	0.25	0.62	0	406.16	0	0.11	0.53	0.0035	361.66	3296.91	0.01	
KKG	0.40	0	0	0	0	0.19	0.38	0	0.33	0	0.08	0.07	0.09	0.36	0.27	0.03	
KKF	0.40	0	0	0	0	0.19	0.38	0	0.37	0	0.19	0.09	0.12	0.41	0.41	0.28	

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

2. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gogo Kuning x Cherokee Sun (54 - 11)

Nama famili	Tan	Kualitatif							Kuantitatif								
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 2. GKC S 54- 11	6	3	1	3	1	1	3	2	31	41	45	8.20	11.94	0.67	24	112.80	5.36
	7	1	1	3	1	1	2	3	31	117	45	4.00	10.23	0.68	80	376.00	4.67
	10	3	1	3	1	1	3	1	31	33	45	5.82	12.34	0.60	28	131.60	4.60
	11	1	1	3	1	1	2	1	31	31	45	5.59	12.69	0.61	23	108.10	5.11
	12	3	1	3	1	1	3	1	31	90	45	4.64	12.11	0.70	88	413.60	4.50
	13	3	1	3	1	1	3	1	31	51	45	4.72	10.67	0.73	46	216.20	6.06

14	3	1	3	1	1	2	1	31	47	45	3.13	12.15	0.73	41	192.70	5.78
15	3	1	3	1	1	3	1	31	38	45	2.69	9.95	0.70	36	169.20	2.12
16	3	1	3	1	1	2	1	31	49	45	7.47	13.93	0.67	44	206.80	5.93
17	3	1	3	1	1	2	1	31	77	45	3.79	10.01	0.74	74	347.80	5.88
19	2	1	3	1	1	3	1	31	35	45	4.80	11.33	0.54	24	112.80	4.75
21	3	1	3	1	1	2	1	31	55	45	7.09	14.04	0.70	45	211.50	5.80
24	1	1	3	1	1	3	1	31	49	45	2.68	8.69	0.57	47	220.90	2.40
25	1	1	3	1	1	3	1	31	47	45	2.31	8.00	0.77	44	206.80	2.17
31	3	1	3	1	1	2	1	31	54	45	3.45	10.33	0.44	45	211.50	5.75
32	3	1	3	1	1	2	1	31	30	45	6.03	14.80	0.77	20	94.00	3.90
33	3	1	3	1	1	2	1	31	33	45	4.00	11.72	0.58	27	126.90	4.90
34	3	1	3	1	1	3	1	31	60	45	5.21	11.55	0.62	56	263.20	6.40
36	3	1	3	1	1	2	1	31	29	45	1.92	7.00	1.00	23	108.10	5.78
37	3	1	3	1	1	3	1	31	55	45	5.14	12.99	0.63	44	206.80	6.50

n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	2.55	1	3	1	1	2.5	1.15	31	51.05	45	4.63	11.32	0.67	42.95	201.87	4.92
sum	51	20	60	20	20	50	23	620	1021	900	92.67	226.47	13.46	859	4037.30	98.35
σ	0.83	0	0	0	0	0.51	0.49	0	22.02	0	1.74	2.01	0.11	19.39	91.14	1.34
σ^2_f	0.68	0	0	0	0	0.26	0.24	0	484.89	0	3.01	4.04	0.01	376.05	8306.94	1.81
σ^2_e cherokee sun	0	0	0	0	0	0	0	0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
σ^2_e Gogo Kuning	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42
$\mu \sigma^2_e$	0	0	0	0	0	0	0	0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93
σ^2_g	0.68	0	0	0	0	0.26	0.24	0	385.76	0	2.52	3.68	0.01	275.34	4316.55	0.88
KKG	0.32	0	0	0	0	0.21	0.43	0	0.38	0	0.34	0.17	0.15	0.39	0.33	0.19
KKF	0.32	0	0	0	0	0.21	0.43	0	0.43	0	0.37	0.18	0.17	0.45	0.45	0.27

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

3. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gogo Kuning x Cherokee Sun (97 - 2)

Nama famili	Tan	Kualitatif							Kuantitatif								
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 3.																	
GKC	6	3	1	3	1	1	1	1	32	81	45	4.12	10.57	0.68	57	255.36	4.60
S 97-2	7	3	1	3	1	1	2	1	32	63	45	4.25	11.39	0.61	48	215.04	1.50

9	1	1	3	1	1	2	1	33	61	45	4.00	11.06	0.60	41	183.68	5.00
11	3	1	3	1	1	1	1	30	70	45	5.39	12.82	0.64	68	304.64	4.50
13	1	1	3	1	1	2	1	31	49	45	4.36	10.90	0.58	32	143.36	4.02
18	3	1	3	1	1	2	1	32	77	45	5.45	12.52	0.75	12	53.76	6.50
19	2	1	3	1	1	2	1	29	59	45	4.29	10.72	0.56	44	197.12	4.00
20	3	1	3	1	1	2	1	30	43	45	3.59	10.74	0.61	40	179.20	3.11
21	1	1	3	1	1	2	1	32	47	45	2.79	8.96	0.59	34	152.32	5.26
22	2	1	3	1	1	2	1	32	53	45	4.44	11.22	0.63	49	219.52	5.00
32	1	1	3	1	1	2	1	32	76	45	4.55	10.82	0.62	61	273.28	3.89
33	1	1	3	1	1	2	1	32	77	45	4.41	10.97	0.54	33	147.84	5.83
34	3	1	3	1	1	2	1	32	64	45	5.26	12.16	0.51	54	241.92	4.67
35	3	1	3	1	1	2	1	32	71	45	3.40	10.08	0.50	42	188.16	5.00
36	3	1	3	1	1	2	1	32	72	45	4.02	11.21	0.50	51	228.48	3.00
37	1	1	3	1	1	2	1	32	63	45	3.52	9.84	0.52	25	112.00	2.67

	39	1	1	3	1	1	2	1	32	65	45	4.49	10.74	0.59	19	85.12	4.33
	40	3	1	3	1	1	2	1	32	50	45	5.67	12.35	0.56	56	250.88	3.86
	41	3	1	3	1	1	2	1	32	43	45	3.60	10.90	0.43	46	206.08	4.92
	42	3	1	3	1	1	2	2	32	42	45	4.00	10.94	0.47	36	161.28	4.30
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ		2.2	1	3	1	1	1.9	1.05	31.65	61.30	45	4.28	11.04	0.57	42.4	189.952	4.29776
sum		44	20	60	20	20	38	21	633	1226	900	85.61	220.90	11.47	848	3799.04	85.9552
σ		0.95	0	0	0	0	0.31	0.22	0.93	12.58	0	0.74	0.91	0.07	14.12	63.26	1.13
σ^2_f		0.91	0	0	0	0	0.09	0.05	0.87	158.33	0	0.55	0.83	0.0056	199.41	4002.25	1.28
σ^2_e cherokee		0	0	0	0	0	0	0	0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
σ^2_e Gogo		0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42
Kuning		0	0	0	0	0	0	0	0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93
$\mu \sigma^2_e$		0	0	0	0	0	0	0	0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93
σ^2_g		0.91	0	0	0	0	0.09	0.05	0.87	59.19	0	0.05	0.47	0.0034	98.70	11.86	0.35
KKG		0.43	0	0	0	0	0.16	0.21	0.03	0.13	0	0.05	0.06	0.10	0.23	0.02	0.14
KKF		0.43	0	0	0	0	0.16	0.21	0.03	0.21	0	0.17	0.08	0.13	0.33	0.33	0.26

4. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gogo Kuning x Cherokee Sun (108 - 1)

Nama famili	Tan	Kualitatif											Kuantitatif				
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 4. GKCS 108-1	7	3	1	3	1	1	2	1	33	45	45	4.00	11.29	0.44	36	181.44	2.50
	8	2	1	3	1	1	2	1	29	50	45	4.27	11.55	0.66	43	216.72	2.70
	9	2	1	3	1	1	2	1	28	53	45	4.83	11.69	0.70	27	136.08	4.45
	12	3	1	3	1	1	1	1	30	56	45	5.13	13.11	0.63	43	216.72	5.60
	13	3	1	3	1	1	1	1	30	58	45	5.19	12.53	0.66	45	226.80	5.30
	14	3	1	3	1	1	2	1	32	58	45	5.37	12.77	0.63	46	231.84	3.40
	15	1	1	3	1	1	1	1	33	41	45	4.24	10.97	0.64	29	146.16	3.50
	16	3	1	3	1	1	1	1	33	56	45	5.78	12.92	0.68	46	231.84	5.00
	17	3	1	3	1	1	2	1	29	47	45	5.45	12.41	0.70	47	236.88	3.30
	18	1	1	3	1	1	2	1	29	58	45	4.97	13.23	0.61	40	201.60	5.22
	33	3	1	3	1	1	2	1	32	49	45	4.37	11.54	0.62	49	246.96	3.30

	34	3	1	3	1	1	2	1	32	75	45	5.63	13.43	0.64	69	347.76	6.03
	35	1	1	3	1	1	2	1	33	69	45	4.36	11.82	0.61	66	332.64	3.42
	36	3	1	3	1	1	2	1	32	102	45	6.70	12.84	0.62	90	453.60	5.50
	37	3	1	3	1	1	2	1	32	99	45	5.42	12.90	0.63	83	418.32	4.25
	38	3	1	3	1	1	2	1	32	82	45	4.91	12.36	0.62	78	393.12	3.50
	39	3	1	3	1	1	2	1	32	69	45	5.65	12.12	0.65	59	297.36	4.32
	40	3	1	3	1	1	2	1	32	43	45	6.25	13.42	0.70	40	201.60	4.05
	41	3	1	3	1	1	2	1	32	63	45	4.39	11.68	0.57	52	262.08	2.50
	42	3	1	3	1	1	2	1	32	52	45	4.84	12.28	0.59	45	226.80	4.00
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	2.6	1	3	1	1	1.8	1	1	31.35	61.25	45	5.09	12.34	0.63	51.65	260.32	4.09
sum	52	20	60	20	20	36	20	20	627	1225	900	101.76	246.86	12.59	1033	5206.32	81.83
σ	0.75	0	0	0	0	0.41	0	0	1.57	17.10	0	0.71	0.74	0.06	17.28	87.12	1.07
$\sigma^2 f$	0.57	0	0	0	0	0.17	0	0	2.45	292.41	0	0.51	0.54	0.0032	298.77	7589.13	1.14
$\sigma^2 e$ cherokee	0	0	0	0	0	0	0	0	0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
$\sigma^2 e$ Gogo	0	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42

$\mu \sigma^2 e$	0	0	0	0	0	0	0	0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93
$\sigma^2 g$	0.57	0	0	0	0	0.17	0	2.45	193.27	0	0.01	0.18	0.0009	198.06	3598.74	0.21
KKG	0.29	0	0	0	0	0.23	0	0.05	0.23	0	0.02	0.03	0.05	0.27	0.23	0.11
KKF	0.29	0	0	0	0	0.23	0	0.05	0.28	0	0.14	0.06	0.09	0.33	0.33	0.26

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

5. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gilik Ijo x Purple Queen (12 - 2)

Nama famili	Tan	Kualitatif										Kuantitatif					
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 5. GIPQ 12-2	6	3	2	3	1	2	2	1	30	118	45	6.10	15.26	0.57	109	673.62	6.12
	8	3	1	3	1	1	2	1	30	36	45	6.49	15.44	0.62	31	191.58	5.88
	9	3	1	3	1	1	2	1	30	39	45	4.23	13.50	0.41	35	216.30	6.00
	10	3	1	3	1	1	2	1	30	75	45	6.27	14.68	0.56	72	444.96	4.50
	12	3	1	3	1	1	1	1	30	60	45	5.34	13.75	0.58	43	265.74	6.25
	14	3	1	3	1	1	1	1	30	62	45	6.38	15.44	0.63	61	376.98	7.30

15	3	1	3	1	1	2	1	30	75	45	6.22	15.21	0.53	71	438.78	6.20
17	3	1	3	1	1	2	1	30	43	45	5.63	14.40	0.62	35	216.30	6.43
18	3	2	3	1	2	2	1	30	59	45	3.93	13.93	0.41	54	333.72	9.40
23	3	2	3	1	2	2	1	30	29	45	6.29	14.96	0.78	27	166.86	4.19
24	3	2	3	1	2	2	1	30	61	45	3.57	10.99	0.55	33	203.94	5.17
26	3	1	3	1	1	2	2	30	37	45	2.20	8.92	0.38	38	234.84	5.71
31	3	1	3	1	1	2	3	30	48	45	7.97	16.34	0.70	31	191.58	8.50
34	3	2	3	1	2	2	1	30	102	45	5.90	14.78	0.59	98	605.64	7.00
35	3	2	3	1	2	2	1	30	69	45	6.96	15.54	0.68	67	414.06	6.38
37	3	2	3	1	2	1	1	30	49	45	5.79	13.97	0.70	44	271.92	5.31
41	3	2	3	1	1	2	1	30	81	45	6.67	15.80	0.64	77	475.86	5.67
42	3	2	3	1	1	3	1	30	56	45	6.91	15.08	0.59	48	296.64	6.50
43	3	2	3	1	1	2	1	30	55	45	6.50	14.65	0.61	55	339.90	5.00
44	3	2	3	1	1	2	1	30	69	45	7.46	16.27	0.68	61	376.98	5.40

n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	3	1.55	3	1	1.35	1.9	1.15	30	61.15	45	5.84	14.44	0.59	54.5	336.81	6.14
sum	60	31	60	20	27	38	23	600	1223	900	116.82	288.89	11.84	1090	6736.20	9
σ		0.51	0	0	0.49	0.45	0.49	0	22.08	0	1.39	1.75	0.10	22.74	140.56	1.24
σ^2f	0	0.26	0	0	0.24	0.20	0.24	0	487.50	0	1.95	3.08	0.01	517.32	19757.53	1.53
σ^2e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2e Gilik Ijo	0	0	0	0	0	0	0	0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21
$\mu \sigma^2e$	0	0	0	0	0	0	0	0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50
σ^2g	0	0.26	0	0	0.24	0.20	0.24	0	194.27	0	0.87	2.28	0.0004	358.90	14466.28	1.03
KKG	0	0.33	0	0	0.36	0.24	0.43	0	0.23	0	0.16	0.10	0.03	0.35	0.36	0.17
KKF	0	0.33	0	0	0.36	0.24	0.43	0	0.36	0	0.24	0.12	0.17	0.42	0.42	0.20

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

6. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gilik Ijo x Purple Queen (23 - 10)

Nama famili	Tan	Kualitatif										Kuantitatif					
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 6. GIPQ 23-10	6	3	1	3	1	1	2	2	31	41	45	5.95	13.48	0.72	32	200.64	2.71
	8	3	1	3	1	1	2	3	31	70	45	3.98	15.50	0.45	52	326.04	5.08

9	3	1	3	1	1	1	1	31	50	45	5.95	14.46	0.66	35	219.45	2.25
11	3	1	3	1	2	2	3	31	18	45	6.49	14.20	0.70	17	106.59	3.00
13	3	1	3	1	1	3	1	31	36	45	6.98	15.64	0.70	17	106.59	3.40
14	3	2	3	1	2	2	2	31	43	45	6.17	14.81	0.64	26	163.02	5.25
16	3	2	3	1	2	2	2	31	55	45	8.00	16.31	0.83	46	288.42	6.00
17	3	1	3	1	1	3	3	31	63	45	6.66	16.14	0.61	58	363.66	3.60
18	3	1	3	1	1	3	2	31	49	45	6.13	14.65	0.65	47	294.69	7.33
21	3	1	3	1	1	2	2	31	63	45	5.79	14.42	0.57	52	326.04	2.50
25	3	1	3	1	1	2	2	31	57	45	5.36	13.31	0.63	54	338.58	3.60
27	3	5	3	1	5	2	2	31	81	45	9.03	15.69	0.87	52	326.04	6.20
31	3	1	3	1	1	2	2	31	69	45	6.55	15.47	0.65	53	332.31	3.67
32	3	5	3	1	5	2	3	31	89	45	5.47	13.55	0.68	65	407.55	5.38
33	3	1	3	1	1	2	1	31	60	45	5.81	14.68	0.63	46	288.42	6.00
34	3	1	3	1	1	2	1	31	45	45	5.49	14.15	0.51	40	250.80	4.00

	35	3	1	3	1	1	3	1	31	54	45	6.42	14.75	0.69	52	326.04	6.70
	37	3	1	3	1	1	3	2	31	91	45	6.54	15.96	0.63	71	445.17	5.89
	38	3	2	3	1	2	2	3	31	74	45	7.36	14.29	0.80	51	319.77	6.70
	39	3	2	3	1	2	3	2	31	64	45	8.40	16.10	0.88	59	369.93	6.00
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	3	1.6	3	1	1.65	2.25	2	31	58.6	45	6.43	14.88	0.68	46.25	289.99	4.66	
sum	60	32	60	20	33	45	40	620	1172	900	128.53	297.57	13.52	925	5799.75	88.56	
σ	0	1.23	0	0	1.23	0.55	0.73	0	17.95	0	1.14	0.93	0.11	14.54	91.15	1.56	
σ^2_f	0	1.52	0	0	1.50	0.30	0.53	0	322.15	0	1.30	0.86	0.01	211.36	8308.99	2.44	
σ^2_e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78	
σ^2_e Gilik Ijo	0	0	0	0	0	0	0	0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21	
$\mu \sigma^2_e$	0	0	0	0	0	0	0	0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50	
σ^2_g	0	1.52	0	0	1.50	0.30	0.53	0	28.92	0	0.22	0.06	0.0020	52.94	3017.73	1.94	
KKG	0	0.77	0	0	0.74	0.24	0.36	0	0.09	0	0.07	0.02	0.07	0.16	0.19	0.30	
KKF	0	0.77	0	0	0.74	0.24	0.36	0	0.31	0	0.18	0.06	0.16	0.31	0.31	0.34	

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

7. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gilik Ijo x Purple Queen (35 - 11)

Nama famili	Tan	Kualitatif										Kuantitatif					
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 7. GIPQ 35-11	6	2	2	3	2	2	3	2	30	76	45	4.71	13.16	0.58	72	390.24	6.30
	7	2	2	3	2	2	2	2	33	64	45	5.44	14.35	0.59	61	330.62	6.20
	8	2	1	3	2	1	3	2	32	66	45	4.27	12.27	0.54	61	330.62	6.50
	9	2	1	3	2	1	3	2	31	41	45	5.66	13.73	0.58	38	205.96	5.50
	12	2	1	3	2	1	2	2	30	73	45	6.86	14.88	0.66	53	287.26	5.40
	13	2	1	3	2	1	2	2	31	96	45	6.85	15.29	0.66	73	395.66	3.80
	14	2	1	3	2	1	2	2	30	62	45	5.13	14.23	0.55	54	292.68	6.60
	15	2	1	3	2	1	2	2	32	87	45	6.27	14.17	0.66	84	455.28	4.30
	16	2	1	3	2	1	2	2	32	54	45	6.05	14.96	0.62	54	292.68	5.00
	17	2	1	3	2	1	2	2	32	69	45	6.00	15.25	0.78	55	298.10	7.00
22	2	1	3	2	1	2	2	33	77	45	7.61	14.55	0.84	71	384.82	6.40	

	31	2	1	3	2	1	2	2	32	59	45	3.24	13.55	0.39	54	292.68	6.20
	32	2	1	3	2	1	2	1	32	62	45	5.11	14.81	0.59	61	330.62	6.00
	33	2	1	3	2	1	2	2	31	76	45	3.94	13.19	0.51	50	271.00	6.90
	34	2	1	3	2	1	2	2	31	73	45	3.31	12.54	0.44	45	243.90	6.80
	36	2	1	3	2	1	2	2	31	90	45	3.47	13.13	0.45	56	303.52	5.90
	37	2	1	3	2	1	3	2	31	39	45	5.81	14.31	0.55	36	195.12	6.00
	39	2	1	3	2	1	2	2	30	57	45	5.16	14.60	0.59	47	254.74	3.50
	41	2	1	3	2	1	3	2	30	35	45	4.02	15.00	0.65	17	92.14	6.10
	42	2	1	3	2	1	2	2	31	37	45	5.02	13.56	0.61	36	195.12	5.70
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	2	1.1	3	2	1.1	2.25	1.95	31.25	64.65	45	5.20	14.08	0.59	53.9	292.14	5.81	
sum	40	22	60	40	22	45	39	625	1293	900	103.94	281.53	11.82	1078	5842.76	116.1	
σ	0	0.31	0	0	0.31	0.44	0.22	0.97	17.43	0	1.23	0.89	0.11	15.30	82.91	0.98	
σ^2_f	0	0.09	0	0	0.09	0.20	0.05	0.93	303.92	0	1.52	0.80	0.01	233.99	6873.77	0.96	
σ^2_e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78	
σ^2_e Gilik Ijo	0	0	0	0	0	0	0	0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21	
$\mu \sigma^2_e$	0	0	0	0	0	0	0	0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50	

σ^2g	0	0.09	0	0	0.09	0.20	0.05	0.93	10.69	0	0.45	0.0007	0.0013	75.57	1582.51	0.47
KKG	0	0.28	0	0	0.28	0.20	0.11	0.03	0.05	0	0.13	0.0019	0.06	0.16	0.14	0.12
KKF	0	0.28	0	0	0.28	0.20	0.11	0.03	0.27	0	0.24	0.06	0.18	0.28	0.28	0.17

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

8. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gogo Kuning x Purple Queen (12 - 4)

Nama famili	Tan	Kualitatif							Kuantitatif								
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 8. GKPQ 12-4	7	3	1	3	2	1	2	1	32	59	45	2.43	9.95	0.53	32	142.40	4.22
	9	1	1	3	2	1	2	1	30	19	45	3.15	10.48	0.35	15	66.75	5.60
	10	3	1	3	2	1	2	1	30	66	45	6.02	16.15	0.69	57	253.65	6.50
	11	2	1	3	2	1	2	1	33	39	45	4.05	11.39	0.56	18	80.10	5.90
	12	3	1	3	2	1	2	1	32	41	45	3.43	11.41	0.51	39	173.55	5.90
	13	3	1	3	2	1	2	1	32	28	45	5.02	13.13	0.60	27	120.15	5.20
	15	3	1	3	2	1	2	1	31	54	45	3.13	11.42	0.51	24	106.80	4.75

	17	3	2	3	2	2	2	1	31	42	45	4.76	11.67	0.53	35	155.75	6.00
	18	1	1	3	2	1	2	1	31	49	45	3.70	11.59	0.61	44	195.80	4.60
	19	3	1	3	2	1	2	1	32	39	45	6.31	14.21	0.68	26	115.70	4.00
	33	1	1	3	2	1	2	1	33	58	45	3.90	10.96	0.51	47	209.15	6.40
	34	3	1	3	2	1	2	1	34	78	45	4.43	12.48	0.58	63	280.35	5.25
	35	3	1	3	2	1	2	1	34	89	45	4.66	12.69	0.57	86	382.70	6.30
	36	1	1	3	2	1	2	1	34	51	45	4.50	13.50	0.56	39	173.55	4.00
	37	3	1	3	2	1	2	1	35	88	45	4.40	12.93	0.59	65	289.25	7.40
	38	3	1	3	2	1	2	1	33	45	45	3.31	11.97	0.46	22	97.90	6.50
	39	3	1	3	2	1	2	1	32	88	45	3.80	11.60	0.56	80	356.00	4.80
	41	2	1	3	2	1	2	1	32	54	45	5.32	14.21	0.62	46	204.70	6.00
	44	3	1	3	2	1	2	1	30	47	45	6.22	17.20	0.72	35	155.75	8.40
	48	1	1	3	2	1	2	1	31	45	45	4.45	11.51	0.56	34	151.30	4.75
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ		2.40	1.05	3	2	1.05	2	1	32.10	53.95	45	4.35	12.52	0.56	41.70	185.57	5.62

sum	48	21	60	40	21	40	20	642	1079	900	86.97	250.42	11.29	834	3711.30	112.47
σ	0.88	0.22	0	0	0.22	0	0	1.45	19.48	0	1.06	1.82	0.08	19.75	87.87	1.14
σ^2_f	0.78	0.05	0	0	0.05	0	0	2.09	379.31	0	1.13	3.32	0.0067	389.91	7721.10	1.30
σ^2_e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2_e Gogo Kuning	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42
$\mu \sigma^2_e$	0	0	0	0	0	0	0	0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10
σ^2_g	0.78	0.05	0	0	0.05	0	0	2.09	230.19	0	0.16	2.61	0.0001	285.86	3489.31	0.20
KKG	0.37	0.21	0	0	0.21	0	0	0.05	0.28	0	0.09	0.13	0.0139	0.41	0.32	0.08
KKF	0.37	0.21	0	0	0.21	0	0	0.05	0.36	0	0.24	0.15	0.15	0.47	0.47	0.20

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

9. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Gogo Kuning x Purple Queen (19 - 4)

Nama famili	Tan	Kualitatif								Kuantitatif							
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 9. GKPQ 19-4	6	3	1	3	1	1	3	1	32	39	45	5.12	14.79	0.50	32	134.08	5.40
	7	3	1	3	1	1	3	2	32	61	45	3.58	12.83	0.42	58	243.02	5.97
	8	3	1	3	1	1	3	2	32	57	45	4.43	12.83	0.45	25	104.75	6.97

9	3	1	3	1	1	3	2	32	54	45	3.65	12.37	0.53	46	192.74	5.08
10	3	5	3	1	5	3	3	32	82	45	2.81	13.50	0.50	74	310.06	5.24
11	3	2	3	1	2	2	1	32	51	45	3.23	13.75	0.50	47	196.93	6.23
13	3	2	3	1	2	3	1	32	54	45	4.81	12.61	0.44	50	209.50	4.82
14	3	1	3	1	1	2	1	32	27	45	3.08	11.00	0.43	14	58.66	4.89
15	3	1	3	1	1	3	1	32	28	45	6.37	12.70	0.75	24	100.56	6.02
17	3	1	3	1	1	2	1	29	30	45	4.42	11.58	0.58	26	108.94	5.65
18	3	1	3	1	1	3	1	33	33	45	4.42	11.40	0.58	23	96.37	5.69
32	3	2	3	1	2	2	1	32	42	45	3.44	10.25	0.45	23	96.37	4.37
35	3	2	3	1	2	2	1	32	80	45	4.79	13.39	0.53	76	318.44	6.79
37	3	2	3	1	2	2	1	34	39	45	4.32	11.90	0.64	21	87.99	3.85
38	3	2	3	1	2	2	1	32	31	45	5.46	15.25	0.45	19	79.61	5.70
39	3	2	3	1	2	2	1	35	33	45	4.81	12.65	0.50	25	104.75	5.74
41	3	1	3	1	1	2	1	32	56	45	5.20	12.21	0.51	27	113.13	7.67

	42	3	1	3	1	1	2	1	32	39	45	4.19	12.75	0.52	31	129.89	5.84
	43	3	1	3	1	1	2	1	32	31	45	2.76	12.75	0.50	22	92.18	3.20
	44	3	1	3	1	1	2	1	33	56	45	6.23	13.83	0.70	49	205.31	7.91
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	3.00	1.55	3.00	1.00	1.55	2.40	1.25	32.20	46.15	45	4.36	12.72	0.52	35.60	149.16	5.65	
sum	60	31	60	20	31	48	25	644	923	900	87.11	254.34	10.48	712	2983.28	113.02	
σ	0	0.94	0	0	0.94	0.50	0.55	1.11	16.29	0	1.04	1.20	0.09	18.14	76.00	1.16	
σ^2f	0	0.89	0	0	0.89	0.25	0.30	1.22	265.40	0	1.08	1.43	0.0078	328.99	5775.77	1.34	
σ^2e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78	
σ^2e Gogo Kuning	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42	
$\mu \sigma^2e$	0	0	0	0	0	0	0	0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10	
σ^2g	0	0.89	0	0	0.89	0.25	0.30	1.22	116.27	0	0.11	0.73	0.0012	224.94	1543.99	0.24	
KKG	0	0.61	0	0	0.61	0.21	0.44	0.03	0.23	0	0.08	0.07	0.07	0.42	0.26	0.09	
KKF	0	0.61	0	0	0.61	0	0	0.03	0.35	0	0.24	0.09	0.17	0.51	0.51	0.21	

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

10. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Purple Queen x Gogo Kuning (1 - 12)

Nama famili	Tan	Kualitatif										Kuantitatif					
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed 10. PQK 1-12	6	3	1	3	1	1	2	1	36	64	45	7.03	18.13	0.51	54	370.44	7.40
	7	3	1	3	1	1	1	1	36	27	45	5.57	17.24	0.47	19	130.34	8.56
	9	3	1	3	1	1	1	1	35	34	45	4.69	16.18	0.49	23	157.78	7.33
	10	3	1	3	1	1	1	1	35	65	45	8.65	19.48	0.53	55	377.30	5.90
	11	3	1	3	1	1	2	1	35	63	45	9.58	19.86	0.61	39	267.54	6.50
	13	3	1	3	1	1	1	1	37	27	48	5.95	16.53	0.42	23	157.78	6.67
	14	3	1	3	1	1	2	1	35	55	45	8.12	19.06	0.55	51	349.86	7.57
	15	3	1	3	1	1	1	1	35	36	45	8.46	18.79	0.52	29	198.94	8.00
16	3	1	3	1	1	1	1	35	37	48	4.63	15.73	0.37	29	198.94	7.02	

	18	3	1	3	1	1	2	1	35	17	48	2.22	14.50	0.30	13	89.18	8.31
	22	3	1	3	1	1	1	1	35	51	45	6.24	13.39	0.63	25	171.50	6.09
	34	3	1	3	1	1	1	1	34	37	48	7.51	18.64	0.46	33	226.38	7.40
	35	3	1	3	1	1	1	1	35	35	45	7.43	18.45	0.50	33	226.38	5.78
	36	3	1	3	1	1	1	1	35	45	48	7.71	18.66	0.50	30	205.80	5.20
	37	3	1	3	1	1	1	1	35	39	48	7.12	18.18	0.47	31	212.66	7.50
	40	3	1	3	1	1	1	1	37	45	45	7.54	17.81	0.51	44	301.84	8.43
	42	3	1	3	1	1	1	1	34	30	45	9.93	19.80	0.55	29	198.94	8.83
	43	3	1	3	1	1	1	1	35	49	45	7.79	18.76	0.48	38	260.68	7.00
	44	3	1	3	1	1	1	1	36	30	48	6.67	17.40	0.78	29	198.94	6.88
	46	3	1	3	1	1	2	1	34	33	45	5.34	15.86	0.39	25	171.50	4.98
n	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ	3	1	3	1	1	1.25	1		35.2	40.95	46.05	6.91	17.62	0.50	32.60	223.64	7.07
sum	60	20	60	20	20	25	20		704	819	921	138.17	352.44	10.05	652	4472.72	141.34
σ	0	0	0	0	0	0.44	0		0.83	13.38	1.47	1.83	1.76	0.10	11.31	77.56	1.09
σ^2f	0	0	0	0	0	0.20	0		0.69	179.00	2.16	3.34	3.11	0.01	127.83	6015.70	1.20

σ^2 e purple queen	0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2 e Gogo Kuning	0	0	0	0	0	0	0	0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42
μ σ^2 e	0	0	0	0	0	0	0	0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10
σ^2 g	0	0	0	0	0	0.20	0	0.69	29.87	2.16	2.37	2.41	0.0036	23.79	1783.92	0.10
KKG	0	0	0	0	0	0.36	0	0.02	0.13	0.03	0.22	0.09	0.12	0.15	0.19	0.04
KKF	0	0	0	0	0	0	0	0.02	0.33	0.03	0.26	0.10	0.20	0.35	0.35	0.15

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

11. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Purple Queen x Gilik Ijo (169 - 1)

Nama famili	Tan	Kualitatif							Kuantitatif								
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed																	
11. PQGI	6	3	1	3	1	1	1	1	35	59	48	7.52	17.45	0.59	47	288.58	5.75
169 -1	7	3	1	3	1	1	1	1	36	38	48	4.48	14.50	0.55	31	190.34	5.27
	8	3	1	3	1	1	2	1	33	44	45	5.55	15.87	0.48	42	257.88	5.10
	9	3	1	3	1	1	2	1	36	99	48	5.89	16.07	0.55	52	319.28	4.80
	10	3	1	3	1	1	2	1	37	59	48	4.68	15.41	0.51	39	239.46	7.00

12	3	1	3	1	1	1	1	34	66	48	6.32	16.59	0.60	54	331.56	5.20
13	3	1	3	1	1	1	1	30	51	45	4.59	16.52	0.60	46	282.44	6.53
14	3	1	3	1	1	1	1	30	54	45	4.59	15.18	0.31	48	294.72	6.10
15	3	1	3	1	1	1	1	29	31	45	5.43	16.83	0.59	28	171.92	7.17
31	3	1	3	1	1	1	1	35	61	48	5.34	15.64	0.41	51	313.14	5.44
32	3	1	3	1	1	2	1	36	63	48	6.83	16.14	0.57	57	349.98	6.70
34	3	1	3	1	1	1	1	35	91	48	6.34	16.41	0.52	86	528.04	7.09
35	3	1	3	1	1	1	1	37	45	48	6.47	16.70	0.40	41	251.74	6.69
36	3	1	3	1	1	1	1	35	60	48	7.28	16.99	0.57	36	221.04	7.29
37	3	1	3	1	1	1	1	37	78	48	7.33	16.70	0.59	49	300.86	6.46
38	3	1	3	1	1	1	1	36	49	48	7.78	17.60	0.57	37	227.18	5.88
39	3	1	3	1	1	1	1	36	47	48	8.01	18.02	0.77	38	233.32	6.60
40	3	1	3	1	1	1	1	36	37	48	7.96	18.30	0.69	26	159.64	5.33
41	3	1	3	1	1	1	1	37	74	48	7.55	17.87	0.56	48	294.72	6.85

	42	3	1	3	1	1	1	1	36	30	48	6.67	17.40	0.78	29	178.06	6.85
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ		3	1	3	1	1	1.2	1	34.80	56.80	47.40	6.33	16.61	0.56	44.25	271.70	6.20
sum		60	20	60	20	20	24	20	696	1136	948	126.62	332.20	11.21	885	5433.90	124.09
σ		0	0	0	0	0	0.41	0	2.44	18.48	1.23	1.20	0.9981	0.11	13.33	81.84	0.79
σ^2_f		0	0	0	0	0	0.17	0	5.96	341.43	1.52	1.45	0.9962	0.0124	177.67	6698.13	0.63
σ^2_e purple queen		0	0	0	0	0	0	0	0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2_e Gilik Ijo		0	0	0	0	0	0	0	0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21
$\mu \sigma^2_e$		0	0	0	0	0	0	0	0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50
σ^2_g		0	0	0	0	0	0.17	0	5.96	48.20	1.52	0.38	0.20	0.0024	19.26	1406.87	0.13
KKG		0	0	0	0	0	0.34	0	0.07	0.12	0.03	-0.0969	0.03	0.09	0.0992	0.14	0.06
KKF		0	0	0	0	0	0.34	0	0.07	0.33	0.03	0.19	0.06	0.20	0.30	0.30	0.13

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

12. Tabel Hasil Analisis Karakter Kuantitatif Komponen Hasil Buncis Mantili x Cherokee Sun (13 – 13)

Nama famili	Tan	Kualitatif							Kuantitatif								
		TT	WB	WD	WB	WP	BP	TP	UB	JB	UP	RBP	RPP	RDP	JP	BP/T	RJB
bed.																	
12.	6	3	4	2	3	7	3	1	32	146	45	5.78	13.25	0.56	110	504.90	4.63

MCS																	
13-13	7	3	1	3	2	2	3	1	32	62	45	4.34	10.91	0.68	52	238.68	3.40
	8	3	1	3	2	2	3	1	36	45	48	2.26	13.50	0.37	32	146.88	4.40
	11	1	3	3	2	6	3	2	30	54	45	3.53	9.51	0.55	47	215.73	5.20
	13	1	4	2	3	7	3	2	30	50	45	4.49	11.43	0.65	43	197.37	3.40
	14	3	4	2	3	4	3	3	35	90	48	6.57	14.33	0.55	86	394.74	4.75
	17	3	1	3	2	5	3	3	32	89	45	7.09	12.09	0.63	86	394.74	4.73
	19	3	1	3	2	2	3	2	31	45	45	4.08	10.23	0.61	39	179.01	3.26
	21	1	2	3	2	5	3	3	30	61	45	3.58	9.67	0.62	58	266.22	4.42
	23	1	1	3	2	1	3	3	30	55	45	4.73	11.09	0.58	50	229.50	3.51
	32	3	1	3	2	2	3	3	31	32	45	5.87	10.08	0.59	19	87.21	3.61
	33	1	1	3	2	1	3	3	33	42	45	4.11	10.59	0.64	32	146.88	4.44
	36	3	1	3	2	1	3	3	32	41	45	3.52	10.21	0.54	40	183.60	3.80
	37	1	4	3	2	1	3	3	32	49	45	3.60	10.34	0.55	45	206.55	4.55
	38	2	1	3	2	1	3	3	33	44	45	4.15	10.79	0.63	40	183.60	3.40

	39	2	4	2	3	7	3	3	31	63	48	4.92	12.89	0.58	44	201.96	2.60
	40	1	1	3	2	1	3	3	32	70	45	4.76	11.44	0.53	62	284.58	3.75
	41	3	1	3	2	1	3	3	32	76	45	4.98	11.40	0.65	70	321.30	3.98
	43	1	1	3	2	1	3	3	30	46	45	5.11	12.36	0.60	46	211.14	5.81
	44	3	4	3	3	7	3	2	32	75	48	5.34	13.27	0.56	70	321.30	4.50
n		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
μ		2.1	2.05	2.8	2.25	3.2	3	2.5	31.80	61.75	45.60	4.64	11.47	0.58	53.55	245.79	4.11
sum		42	41	56	45	64	60	50	636	1235	912	92.81	229.39	11.68	1071	4915.89	82.13
σ		0.97	1.39	0.41	0.44	2.48	0	0.76	1.61	25.47	1.23	1.14	1.40	0.07	21.78	99.99	0.77
σ ² f		0.94	1.94	0.17	0.20	6.17	0	0.58	2.59	648.62	1.52	1.30	1.95	0.0044	474.58	9998.42	0.59
σ ² e cherokee		0	0	0	0	0	0	0	0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
σ ² e Mantili		0	0	0	0	0	0	0	0	161.12	0	2.05	0.79	0.0045	157.67	15484.57	0.42
μ σ ² e		0	0	0	0	0	0	0	0	131.28	0	1.24	0.605	0.0029	149.80	9991.56	0.43
σ ² g		0.94	1.94	0.17	0.20	6.17	0	0.58	2.59	517.34	1.52	0.06	1.34	0.0016	324.78	6.87	0.16
KKG		0.46	0.68	0.15	0.20	0.78	0	0.30	0.05	0.37	0.03	0.05	0.10	0.07	0.34	0.01	0.10
KKF		0.46	0.68	0.15	0.20	0.78	0	0.30	0.05	0.41	0.03	0.25	0.12	0.11	0.41	0.41	0.19

Keterangan: TT=tipe tumbuh, WB=warna batang, WD=warna daun, WP=warna polong, BP=bentuk polong, dan TP=tekstur polong. UB=umur berbunga, JB=jumlah bunga, UP=umur panen (pertama), RBP=rata-rata bobot per polong, RPP=rata-rata panjang polong, RDP=rata-rata diameter polong, JP=jumlah polong/tanaman, BP/T=bobot polong/tanaman, RJB=rata-rata jumlah biji/polong.

Lampiran 5. Data klimatologi Januari – Maret 2014

DEPARTEMEN PERHUBUNGAN
 BADAN METEOROLOGI DAN GEOFISIKA
 JL. ANGKASA I/NO.2 KEMAYORAN JAKARTA PUSAT

GARIS BUJUR :		DATA-DATA KLIMATOLOGI						STASIUN : KP PUNTEN		
GARIS LINTANG :		BULAN : Januari 2014						TANGGAL		
TINGGI DIATAS PERMUKAAN LAUT :		TEMPERATUR					CURAH HUJAN (mm)	PENYINARAN MATAHARI (%)	PERISTIWA CUACA KHUSUS	
TANGGAL	07.00	13.00	18.00	RATA2	MAX	MIN	DITAKAR JAM 07.00	0800-1600		
1	20,00	22,60	20,60	20,80	23,50	19,90	1,5			
2	19,00	23,60	22,00	20,90	25,00	17,40				
3	19,00	24,60	21,10	20,93	26,30	17,50	17			
4	21,40	25,80	22,10	22,88	26,70	18,00	26,5			
5	22,30	24,20	21,40	22,55	25,20	17,40	23,7			
6	18,90	22,80	21,10	20,43	24,40	18,60	1,5			
7	20,90	24,70	21,50	22,00	25,20	19,00	3,5			
8	21,40	25,90	20,10	22,20	27,00	19,40	48,5			
9	20,80	25,10	22,10	22,20	26,50	17,60				
10	20,20	25,90	22,00	22,08	26,70	17,80				
11	21,30	25,60	21,40	22,40	26,50	19,00	41,5			
12	20,80	25,10	20,70	21,85	26,50	17,00	6,5			
13	19,50	24,90	21,40	21,33	25,40	18,90	23,5			
14	20,00	24,10	20,10	21,05	25,40	19,50	1,5			
15	20,60	21,10	21,00	20,83	22,00	19,90	6			
16	21,20	23,60	20,00	21,50	24,10	19,40				
17	20,90	24,10	20,10	21,50	25,00	19,00	3,5			
18	20,80	23,90	20,10	21,40	24,10	19,20	6			
19	19,60	23,10	20,40	20,88	24,00	19,60	9			
20	20,80	23,00	21,00	21,40	24,00	20,00	19			
21	20,80	23,60	20,70	21,48	24,40	19,60	16,5			
22	20,00	23,00	20,00	20,75	25,40	19,40	22,5			
23	20,30	23,60	19,80	21,00	24,80	19,40	4			
24	19,60	23,70	20,20	20,78	25,00	19,40	5			
25	19,00	22,40	21,10	20,38	25,40	18,20	2,5			
26	20,80	25,10	21,40	22,03	26,40	18,40				
27	21,60	25,70	22,60	22,88	27,00	18,40				
28	21,10	24,40	22,00	22,15	25,50	19,40	25			
29	19,90	25,00	21,30	21,53	26,10	19,60				
30	19,50	24,80	21,10	21,23	26,40	19,80	10			
31	20,00	24,20	20,90	21,28	25,20	19,80	73,5			
JUMLAH	632,00	749,20	651,30	666,13	785,60	584,50	397,7			
RATA2	20,387	24,168	21,0097	21,488	25,342	18,855	24			

**DEPARTEMEN PERHUBUNGAN
BADAN METEOROLOGI DAN GEOFISIKA
JL. ANGKASA I/NO.2 KEMAYORAN JAKARTA PUSAT**

DATA-DATA KLIMATOLOGI									
GARIS LINTANG :									
TINGGI DIATAS PERMUKAAN LAUT :									
TANGGAL	TEMPERATUR						CURAH HUJAN (mm) DITAKAR JAM 07.00	PENYINARAN MATAHARI (%) 0800-1600	PERISTIWA CUACA KHUSUS
	07.00	13.00	18.00	RATA2	MAX	MIN			
1	21,40	26,10	23,40	23,63	27,00	19,10	5		
2	20,70	23,40	20,90	21,67	25,20	20,00	7		
3	21,60	24,10	21,80	22,50	25,30	19,80	4		
4	21,80	25,60	22,10	23,40	26,30	20,00			
5	22,00	25,90	22,60	24,17	26,80	20,20	6,5		
6	22,70	27,00	23,90	23,40	27,50	21,80	1,5		
7	20,80	25,80	22,40	23,20	26,60	18,90	9		
8	21,50	26,80	22,30	23,53	27,30	19,60			
9	22,40	25,10	21,40	22,77	26,10	19,70	4,5		
10	21,20	25,90	22,00	23,00	26,60	20,20			
11	21,10	24,00	22,00	22,23	25,60	20,80			
12	20,00	27,10	22,70	22,93	28,40	18,80			
13	20,60	25,10	21,20	22,87	27,20	18,20			
14	21,40	25,40	22,10	22,20	26,60	18,70			
15	21,00	24,10	20,20	21,90	25,60	17,30			
16	20,60	24,50	21,00	22,23	25,50	19,00	7		
17	19,60	26,20	22,60	22,30	26,10	18,40	1		
18	19,70	25,30	21,00	22,40	26,40	19,20	32,5		
19	21,30	23,00	20,60	22,37	24,10	18,60	9,5		
20	22,40	25,20	21,70	22,50	26,70	18,80			
21	21,20	24,60	21,10	22,20	25,50	17,30	4		
22	22,00	22,10	20,00	21,27	25,00	18,50	41		
23	21,60	24,10	20,10	22,17	25,10	18,00			
24	21,40	24,40	21,00	21,80	25,30	18,70	13		
25	20,40	24,90	20,60	22,50	25,60	18,40	3,5		
26	20,60	25,20	22,00	21,60	26,80	19,00			
27	18,50	25,70	21,10	22,17	26,60	17,80	25,5		
28	19,10	24,90	21,70	24,90	25,80	18,80	19		
29									
30									
31									
JUMLAH	588,50	701,50	605,50	633,80	732,80	533,60	193,5		
RATA2	21,018	25,054	21,625	22,636	26,1643	19,057	17		

**DEPARTEMEN PERHUBUNGAN
BADAN METEOROLOGI DAN GEOFISIKA
JL. ANGKASA I/NO.2 KEMAYORAN JAKARTA PUSAT**

GARIS BUJUR :		DATA-DATA KLIMATOLOGI						STASIUN : KP PUNTEN		
GARIS LINTANG :		BULAN : Maret 2014								
TINGGI DIATAS PERMUKAAN LAUT :		TEMPERATUR						CURAH HUJAN (mm) DITAKAR JAM 07.00	PENYINARAN MATAHARI (%) 0800-1600	PERISTIWA CUACA KHUSUS
TANGGAL	07.00	13.00	18.00	RATA2	MAX	MIN				
1	21,20	25,10	21,00	22,43	26,80	18,60	21			
2	21,40	25,20	21,50	22,70	26,20	17,20				
3	19,00	24,80	21,00	21,60	25,60	17,70	4,5			
4	20,20	25,20	20,80	22,07	26,20	18,00	4,5			
5	18,10	24,40	21,00	21,17	25,40	17,40	1			
6	17,40	25,70	21,60	21,57	26,60	16,60				
7	18,20	26,10	22,20	22,17	27,00	17,10				
8	19,70	25,80	22,10	22,53	26,90	17,80				
9	19,90	25,70	21,90	22,50	26,90	17,50				
10	19,80	25,20	21,70	22,23	27,10	17,70	35			
11	21,00	24,60	20,90	22,17	25,70	19,60	61			
12	20,10	25,40	20,60	22,03	27,20	17,60	25			
13	20,30	25,10	20,20	21,87	26,50	18,20	26,5			
14	19,30	24,20	20,40	21,30	24,80	17,40	3			
15	19,90	24,40	21,00	21,77	25,40	18,10	24,5			
16	20,00	25,20	21,40	22,20	26,80	18,60				
17	20,80	25,80	22,10	22,90	26,40	18,70				
18	21,20	26,00	22,00	23,07	27,00	18,30				
19	20,30	26,10	22,30	22,90	27,20	19,60				
20	19,20	21,20	21,00	20,47	23,10	18,10	4,5			
21	19,20	26,10	22,00	22,43	27,80	18,20				
22	22,40	25,90	21,40	23,23	27,20	18,00				
23	20,60	27,40	23,10	23,70	28,50	18,00				
24	20,20	25,70	21,90	22,60	27,50	18,00				
25	17,60	26,40	22,20	22,07	28,20	16,00				
26	20,00	27,60	24,00	23,87	28,00	16,80				
27	19,60	26,50	22,60	22,90	27,80	16,80				
28	18,60	25,70	21,50	21,93	27,10	18,00				
29	21,40	27,50	22,40	23,77	28,20	18,40				
30	21,70	26,70	22,60	23,67	27,80	18,80				
31	21,90	27,40	22,50	23,93	28,10	17,90				
JUMLAH	620,20	794,10	672,90	695,73	831,00	552,70	210,50			
RATA2	20,01	25,62	21,71	22,44	26,81	17,83	11,00			