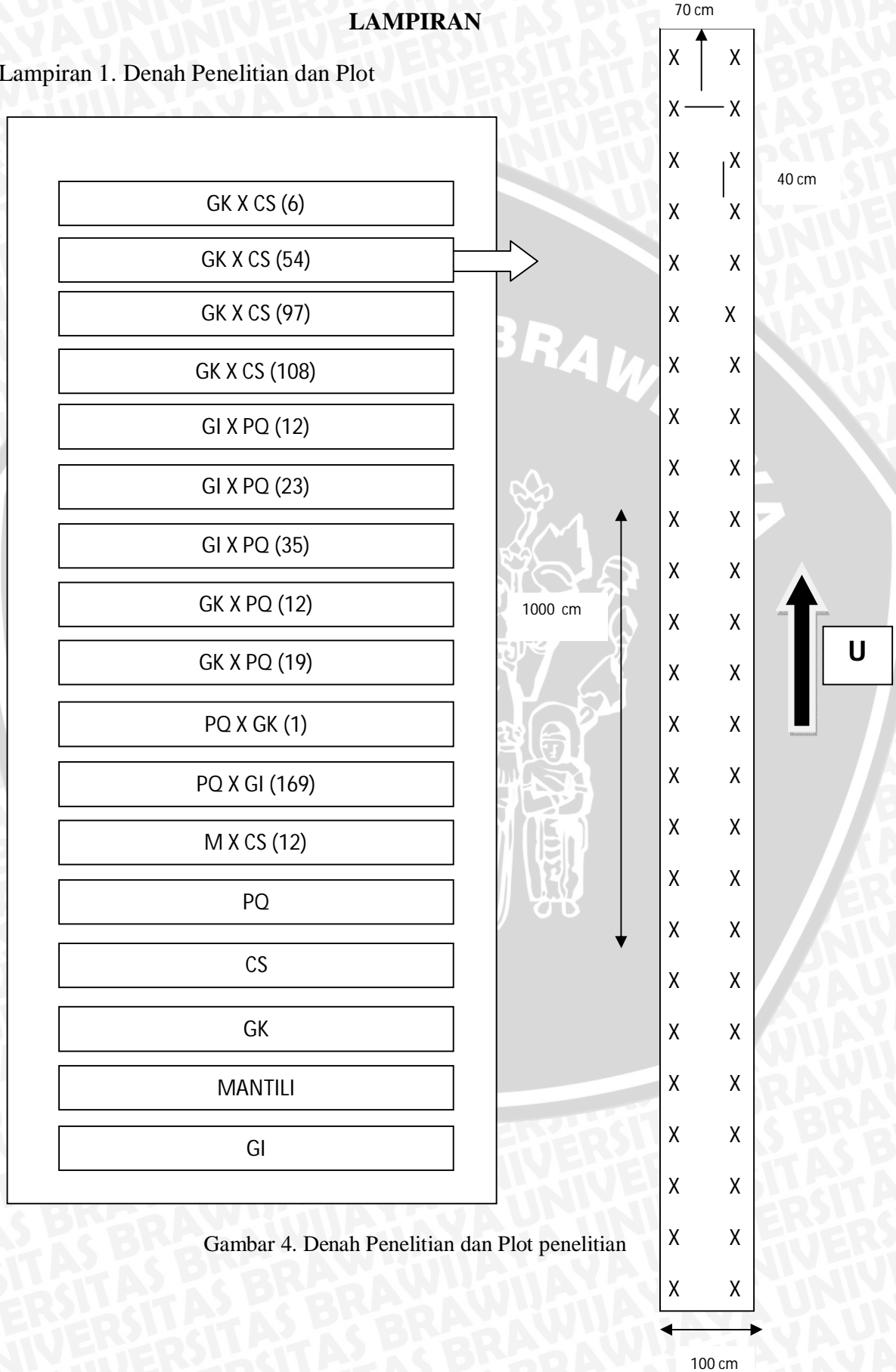


LAMPIRAN

Lampiran 1. Denah Penelitian dan Plot

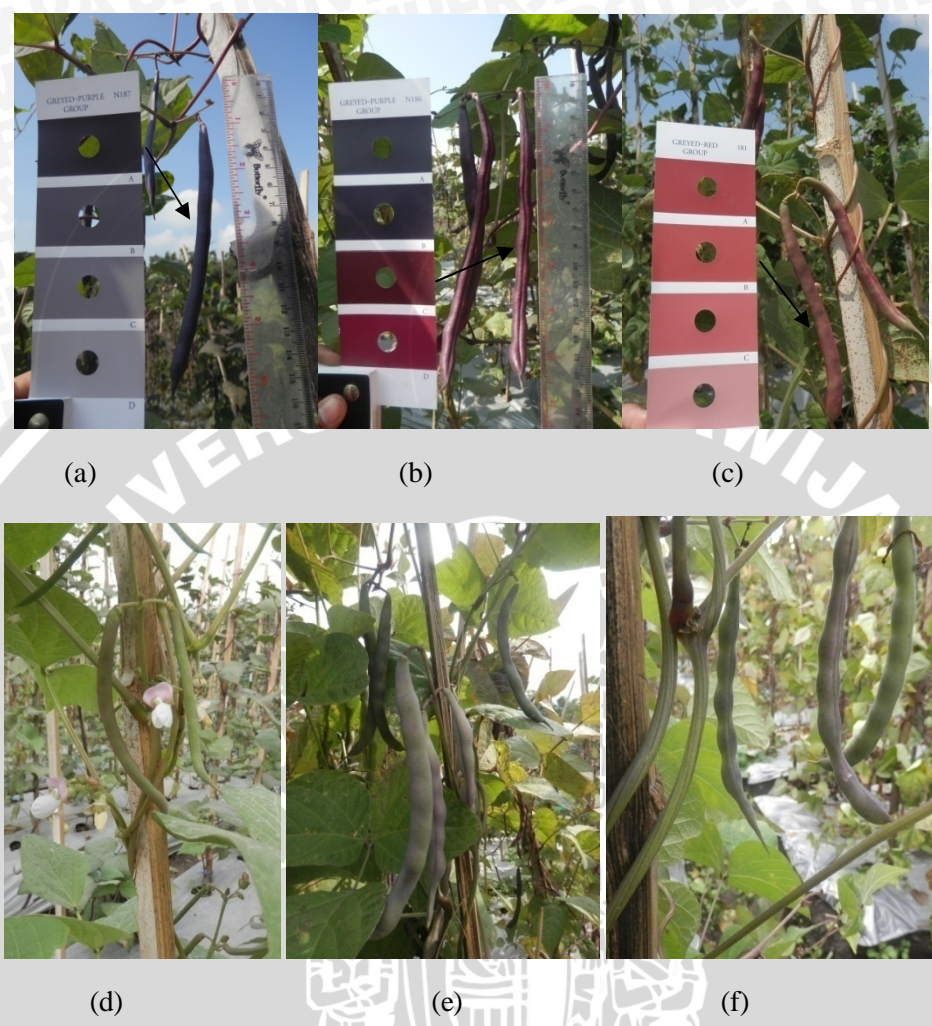


Gambar 4. Denah Penelitian dan Plot penelitian

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



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



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

Lampiran 4. Data Kualitatif Pada 12 Famili F₄ Buncis Polong Ungu

Tabel 23. Data Kualitatif Buncis Famili GKCS-6

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed. 1. GKCS 6-6	6	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	7	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	8	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	10	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	kasar
	11	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	kasar
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	20	tegak	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	25	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	29	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	31	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	32	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	35	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
38	tegak	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang	
41	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang	

Tabel 24. Data Kualitatif Buncis Famili GKCS-54

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 2. GKCS 54-11	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	7	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	kasar
	10	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	11	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	15	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	16	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	19	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	21	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	24	tegak	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	25	tegak	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	31	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	32	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	33	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus	
36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	
37	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus	

Tabel 25. Data Kualitatif Buncis Famili GKCS-97

Nama famili	Tan	Kualitatif						Tekstur polong
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	
bed 3. GKCS 97-2	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	7	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	9	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	11	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	13	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	18	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	19	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	20	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	21	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	22	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	32	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	33	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	35	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	37	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	39	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
40	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	
41	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	
42	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang	

Tabel 26. Data Kualitatif Buncis Famili GKCS-108

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 4. GKCS 108-1	7	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	8	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	9	tegak melilit	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	15	tegak	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	16	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	18	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	33	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	35	tegak	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	37	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	38	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	39	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	40	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
41	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	
42	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	

Tabel 27. Data Kualitatif Buncis Famili GIPQ-12

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 5. GIPQ 12-2	6	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	8	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	10	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	15	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	18	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	23	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	24	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	26	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	31	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	kasar
	34	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	35	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	37	merambat	ungu cerah	gelap	ungu tua	ungu cerah	gilig	halus
	41	merambat	ungu cerah	gelap	ungu tua	ungu gelap	agak pipih	halus
	42	merambat	ungu cerah	gelap	ungu tua	ungu gelap	pipih	halus
	43	merambat	ungu cerah	gelap	ungu tua	ungu gelap	agak pipih	halus
	44	merambat	ungu cerah	gelap	ungu tua	ungu gelap	agak pipih	halus

Tabel 28. Data Kualitatif Buncis Famili GIPQ-23

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 6. GIPQ 23-10	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	8	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	kasar
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	11	merambat	ungu gelap	gelap	ungu tua	ungu cerah	agak pipih	kasar
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	14	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	sedang
	16	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	sedang
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	kasar
	18	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	21	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	25	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	27	merambat	ungu kehijauan	gelap	ungu tua	ungu kehijauan	agak pipih	sedang
	31	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	sedang
	32	merambat	ungu kehijauan	gelap	ungu tua	ungu kehijauan	agak pipih	kasar
	33	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	35	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	37	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	38	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	kasar
	39	merambat	ungu cerah	gelap	ungu tua	ungu cerah	pipih	sedang

Tabel 29. Data Kualitatif Buncis Famili GIPQ-35

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 7. GIPQ 35-11	6	merambat	ungu cerah	gelap	ungu	ungu cerah	pipih	sedang
	7	merambat	ungu cerah	gelap	ungu	ungu cerah	gilig	sedang
	8	merambat	ungu gelap	gelap	ungu	ungu gelap	pipih	sedang
	9	merambat	ungu gelap	gelap	ungu	ungu gelap	pipih	sedang
	12	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	13	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	14	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	15	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	16	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	17	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	22	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	31	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	32	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	halus
	33	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	34	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	36	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	37	merambat	ungu gelap	gelap	ungu	ungu gelap	pipih	sedang
	39	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang
	41	merambat	ungu gelap	gelap	ungu	ungu gelap	pipih	sedang
	42	merambat	ungu gelap	gelap	ungu	ungu gelap	gilig	sedang

Tabel 30. Data Kualitatif Buncis Famili GKPQ-12

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 8. GKPQ 12-4	7	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	9	tegak	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	10	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	11	tegak melilit	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	13	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	15	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	17	merambat	ungu cerah	gelap	ungu	ungu cerah	agak pipih	halus
	18	tegak	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	19	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	33	tegak	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	35	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	36	tegak	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	37	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	38	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	39	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
	41	tegak melilit	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus
44	merambat	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus	
48	tegak	ungu gelap	gelap	ungu	ungu gelap	agak pipih	halus	

Tabel 31. Data Kualitatif Buncis Famili GKPQ-19

Nama famili	Tan	Kualitatif						
		Type tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 9. GKPQ 19-4	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	7	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	8	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	sedang
	10	merambat	ungu kehijauan	gelap	ungu tua	ungu kehijauan	pipih	kasar
	11	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	13	merambat	ungu cerah	gelap	ungu tua	ungu cerah	pipih	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	15	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	17	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	18	merambat	ungu gelap	gelap	ungu tua	ungu gelap	pipih	halus
	32	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	35	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	37	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	38	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	39	merambat	ungu cerah	gelap	ungu tua	ungu cerah	agak pipih	halus
	41	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	42	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	43	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
44	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	

Tabel 32. Data Kualitatif Buncis Famili PQGK-1

Nama famili	Tan	Kualitatif						
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong
bed 10. PQGK 1-12	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	7	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	10	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	11	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	15	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	16	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	18	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	22	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	35	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	37	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	40	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	42	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
43	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus	
44	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus	
46	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus	

Tabel 33. Data Kualitatif Buncis Famili PQGI-169

Nama famili	Tan	Kualitatif						Tekstur polong
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	
bed 11. PQGI 169 -1	6	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	7	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	8	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	9	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	10	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	12	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	13	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	14	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	15	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	31	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	32	merambat	ungu gelap	gelap	ungu tua	ungu gelap	agak pipih	halus
	34	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	35	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	36	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	37	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	38	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	39	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	40	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	41	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus
	42	merambat	ungu gelap	gelap	ungu tua	ungu gelap	gilig	halus

Tabel 34. Data Kualitatif Buncis Famili MCS-13

Nama famili	Tan	Kualitatif							
		Tipe tumbuh	Warna batang	Warna daun	Warna bunga	Warna polong	Bentuk polong	Tekstur polong	
bed.			hijau						
12. MCS	6	merambat	kemerahan	sedang	pink	hijau	pipih	halus	
13-13	7	merambat	ungu	gelap	ungu	ungu cerah	pipih	halus	
	8	merambat	ungu	gelap	ungu	ungu cerah	pipih	halus	
	11	tegak	hijau keungunan	gelap	ungu	hijau keunguan	pipih	sedang	
	13	tegak	hijau kemerahan	sedang	pink	hijau	pipih	sedang	
	14	merambat	hijau kemerahan	sedang	pink	hijau kemerahan	pipih	kasar	
	17	merambat	ungu	gelap	ungu	kehijauan	pipih	kasar	
	19	merambat	ungu	gelap	ungu	ungu cerah	pipih	sedang	
	21	tegak	ungu kehijauan	gelap	ungu	ungu kehijauan	pipih	kasar	
	23	tegak	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	32	merambat	ungu	gelap	ungu	ungu cerah	pipih	kasar	
	33	tegak	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	36	merambat	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	37	tegak	hijau bergaris	pink	gelap	ungu	ungu gelap	pipih	kasar
	38	tegak melilit	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	39	tegak melilit	hijau kemerahan	sedang	pink	hijau	pipih	kasar	
	40	tegak	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	41	merambat	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	43	tegak	ungu	gelap	ungu	ungu gelap	pipih	kasar	
	44	merambat	hijau kemerahan	gelap	pink	hijau	pipih	sedang	

Lampiran 5. Data Kuantitatif Pada 12 Famili F₄ Buncis Polong Ungu

Tabel 35. Data Kuantitatif Buncis Famili GKCS-6

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed. 1. GKCS 6-6	6	30	60	45	4.44	10.64	0.67	49	194.53	2.80
	7	30	80	45	3.20	8.84	0.78	79	313.63	4.00
	8	30	23	45	3.23	9.58	0.81	23	91.31	3.28
	9	30	98	45	4.73	11.04	0.64	94	373.18	3.75
	10	30	94	45	4.03	9.70	0.67	69	273.93	2.10
	11	30	14	45	3.13	9.30	0.53	12	47.64	3.78
	12	30	76	45	4.82	11.38	0.63	73	289.81	4.90
	13	30	83	45	5.19	10.55	0.68	67	265.99	4.95
	14	30	75	45	3.46	9.79	0.64	73	289.81	5.11
	17	30	64	45	4.30	11.45	0.64	60	238.20	2.10
	20	30	55	45	3.78	9.17	0.68	40	158.80	2.00
	25	30	41	45	3.58	9.25	0.57	36	142.92	3.00
29	30	23	45	3.95	10.21	0.57	12	47.64	2.60	
31	30	67	45	3.69	9.82	0.52	62	246.14	4.20	
32	30	65	45	3.95	10.42	0.58	60	238.20	3.80	
34	30	67	45	5.25	10.85	0.59	54	214.38	2.90	
35	30	50	45	5.25	10.85	0.59	46	182.62	4.70	
36	30	65	45	5.47	11.31	0.58	62	246.14	2.67	
38	30	55	45	3.20	9.32	0.57	46	182.62	3.50	
41	30	52	45	4.81	12.34	0.58	44	174.68	3.61	
n		20	20	20	20	20	20	20	20	20
μ		30	60.35	45	4.17	10.29	0.63	53.05	210.61	3.49
sum		600	1207	900	83.47	205.81	12.53	1061	4212.17	69.75
σ		0	22.48	0	0.78	0.94	0.08	21.50	85.37	0.97
σ^2_f		0	505.29	0	0.61	0.89	0.01	462.37	7287.30	0.94
σ^2_e cherokee sun		0	101.43	0	0.43	0.42	0.001	141.92	4498.5	0.44
σ^2_e Gogo Kuning		0	96.84	0	0.56	0.30	0.003	59.50	3482.2	1.42
$\mu \sigma^2_e$		0	99.14	0	0.50	0.36	0.0023	100.71	3990.4	0.93
σ^2_g		0	406.16	0	0.11	0.53	0.0035	361.66	3296.91	0.01
KKG (%)		0	33	0	8	7	9	36	27	3
KKF (%)		0	37	0	19	9	12	41	41	28

Keterangan: 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.

Tabel 36. Data Kuantitatif Buncis Famili GKCS-54

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 2. GKCS 54-11	6	31	41	45	8.20	11.94	0.67	24	112.80	5.36
	7	31	117	45	4.00	10.23	0.68	80	376.00	4.67
	10	31	33	45	5.82	12.34	0.60	28	131.60	4.60
	11	31	31	45	5.59	12.69	0.61	23	108.10	5.11
	12	31	90	45	4.64	12.11	0.70	88	413.60	4.50
	13	31	51	45	4.72	10.67	0.73	46	216.20	6.06
	14	31	47	45	3.13	12.15	0.73	41	192.70	5.78
	15	31	38	45	2.69	9.95	0.70	36	169.20	2.12
	16	31	49	45	7.47	13.93	0.67	44	206.80	5.93
	17	31	77	45	3.79	10.01	0.74	74	347.80	5.88
	19	31	35	45	4.80	11.33	0.54	24	112.80	4.75
	21	31	55	45	7.09	14.04	0.70	45	211.50	5.80
	24	31	49	45	2.68	8.69	0.57	47	220.90	2.40
	25	31	47	45	2.31	8.00	0.77	44	206.80	2.17
	31	31	54	45	3.45	10.33	0.44	45	211.50	5.75
	32	31	30	45	6.03	14.80	0.77	20	94.00	3.90
	33	31	33	45	4.00	11.72	0.58	27	126.90	4.90
	34	31	60	45	5.21	11.55	0.62	56	263.20	6.40
	36	31	29	45	1.92	7.00	1.00	23	108.10	5.78
	37	31	55	45	5.14	12.99	0.63	44	206.80	6.50
n		20	20	20	20	20	20	20	20	20
μ		31	51.05	45	4.63	11.32	0.67	42.95	201.87	4.92
sum		620	1021	900	92.67	226.47	13.46	859	4037.30	98.35
σ		0	22.02	0	1.74	2.01	0.11	19.39	91.14	1.34
$\sigma 2f$		0	484.89	0	3.01	4.04	0.01	376.05	8306.94	1.81
$\sigma 2e$ cherokee sun		0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
$\sigma 2e$ Gogo Kuning		0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42
$\mu \sigma 2e$		0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93
$\sigma 2g$		0	385.76	0	2.52	3.68	0.01	275.34	4316.55	0.88
KKG (%)		0	38	0	34	17	15	39	33	19
KKF (%)		0	43	0	37	18	17	45	45	27

Keterangan: 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.

Tabel 37. Data Kuantitatif Buncis Famili GKCS-97

Nama famili	Tan	Kuantitatif									
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB	
bed GKCS 97-2	3.	6	32	81	45	4.12	10.57	0.68	57	255.36	4.60
		7	32	63	45	4.25	11.39	0.61	48	215.04	1.50
		9	33	61	45	4.00	11.06	0.60	41	183.68	5.00
		11	30	70	45	5.39	12.82	0.64	68	304.64	4.50
		13	31	49	45	4.36	10.90	0.58	32	143.36	4.02
		18	32	77	45	5.45	12.52	0.75	12	53.76	6.50
		19	29	59	45	4.29	10.72	0.56	44	197.12	4.00
		20	30	43	45	3.59	10.74	0.61	40	179.20	3.11
		21	32	47	45	2.79	8.96	0.59	34	152.32	5.26
		22	32	53	45	4.44	11.22	0.63	49	219.52	5.00
		32	32	76	45	4.55	10.82	0.62	61	273.28	3.89
		33	32	77	45	4.41	10.97	0.54	33	147.84	5.83
		34	32	64	45	5.26	12.16	0.51	54	241.92	4.67
		35	32	71	45	3.40	10.08	0.50	42	188.16	5.00
		36	32	72	45	4.02	11.21	0.50	51	228.48	3.00
		37	32	63	45	3.52	9.84	0.52	25	112.00	2.67
		39	32	65	45	4.49	10.74	0.59	19	85.12	4.33
		40	32	50	45	5.67	12.35	0.56	56	250.88	3.86
	41	32	43	45	3.60	10.90	0.43	46	206.08	4.92	
	42	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
μ		31.65	61.30	45	4.28	11.04	0.57	42.4	189.952	4.2978	
sum		633	1226	900	85.61	220.90	11.47	848	3799.04	85.955	
σ		0.93	12.58	0	0.74	0.91	0.07	14.12	63.26	1.13	
σ^2_f		0.87	158.33	0	0.55	0.83	0.0056	199.41	4002.25	1.28	
σ^2_e cherokee sun		0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44	
σ^2_e Gogo Kuning		0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42	
$\mu \sigma^2_e$		0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93	
σ^2_g		0.87	59.19	0	0.05	0.47	0.0034	98.70	11.86	0.35	
KKG (%)		3	13	0	5	6	10	23	2	14	
KKF (%)		3	21	0	17	8	13	33	33	26	

Keterangan: 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.

Tabel 38. Data Kuantitatif Buncis Famili GKCS-108

Nama famili	Tan	Kuantitatif									
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB	
bed 4. GKCS 108-1	7	33	45	45	4.00	11.29	0.44	36	181.44	2.50	
	8	29	50	45	4.27	11.55	0.66	43	216.72	2.70	
	9	28	53	45	4.83	11.69	0.70	27	136.08	4.45	
	12	30	56	45	5.13	13.11	0.63	43	216.72	5.60	
	13	30	58	45	5.19	12.53	0.66	45	226.80	5.30	
	14	32	58	45	5.37	12.77	0.63	46	231.84	3.40	
	15	33	41	45	4.24	10.97	0.64	29	146.16	3.50	
	16	33	56	45	5.78	12.92	0.68	46	231.84	5.00	
	17	29	47	45	5.45	12.41	0.70	47	236.88	3.30	
	18	29	58	45	4.97	13.23	0.61	40	201.60	5.22	
	33	32	49	45	4.37	11.54	0.62	49	246.96	3.30	
	34	32	75	45	5.63	13.43	0.64	69	347.76	6.03	
	35	33	69	45	4.36	11.82	0.61	66	332.64	3.42	
	36	32	102	45	6.70	12.84	0.62	90	453.60	5.50	
	37	32	99	45	5.42	12.90	0.63	83	418.32	4.25	
	38	32	82	45	4.91	12.36	0.62	78	393.12	3.50	
	39	32	69	45	5.65	12.12	0.65	59	297.36	4.32	
	40	32	43	45	6.25	13.42	0.70	40	201.60	4.05	
	41	32	63	45	4.39	11.68	0.57	52	262.08	2.50	
	42	32	52	45	4.84	12.28	0.59	45	226.80	4.00	
	n		20	20	20	20	20	20	20	20	20
	μ		31.35	61.25	45	5.09	12.34	0.63	51.65	260.32	4.09
sum		627	1225	900	101.76	246.86	12.59	1033	5206.32	81.83	
σ		1.57	17.10	0	0.71	0.74	0.06	17.28	87.12	1.07	
σ^2_f		2.45	292.41	0	0.51	0.54	0.0032	298.77	7589.13	1.14	
σ^2_e cherokee sun		0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44	
σ^2_e Gogo Kuning		0	96.84	0	0.56	0.30	0.0033	59.50	3482.24	1.42	
$\mu \sigma^2_e$		0	99.14	0	0.50	0.36	0.0023	100.71	3990.39	0.93	
σ^2_g		2.45	193.27	0	0.01	0.18	0.0009	198.06	3598.74	0.21	
KKG (%)		5	23	0	2	3	5	27	23	11	
KKF(%)		5	28	0	14	6	9	33	33	26	

Keterangan: 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.

Tabel 39. Data Kuantitatif Buncis Famili GIPQ-12

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 5. GIPQ 12-2	6	30	118	45	6.10	15.26	0.57	109	673.62	6.12
	8	30	36	45	6.49	15.44	0.62	31	191.58	5.88
	9	30	39	45	4.23	13.50	0.41	35	216.30	6.00
	10	30	75	45	6.27	14.68	0.56	72	444.96	4.50
	12	30	60	45	5.34	13.75	0.58	43	265.74	6.25
	14	30	62	45	6.38	15.44	0.63	61	376.98	7.30
	15	30	75	45	6.22	15.21	0.53	71	438.78	6.20
	17	30	43	45	5.63	14.40	0.62	35	216.30	6.43
	18	30	59	45	3.93	13.93	0.41	54	333.72	9.40
	23	30	29	45	6.29	14.96	0.78	27	166.86	4.19
	24	30	61	45	3.57	10.99	0.55	33	203.94	5.17
	26	30	37	45	2.20	8.92	0.38	38	234.84	5.71
	31	30	48	45	7.97	16.34	0.70	31	191.58	8.50
	34	30	102	45	5.90	14.78	0.59	98	605.64	7.00
	35	30	69	45	6.96	15.54	0.68	67	414.06	6.38
	37	30	49	45	5.79	13.97	0.70	44	271.92	5.31
	41	30	81	45	6.67	15.80	0.64	77	475.86	5.67
	42	30	56	45	6.91	15.08	0.59	48	296.64	6.50
	43	30	55	45	6.50	14.65	0.61	55	339.90	5.00
44	30	69	45	7.46	16.27	0.68	61	376.98	5.40	
n		20	20	20	20	20	20	20	20	20
μ		30	61.15	45	5.84	14.44	0.59	54.5	336.81	6.14
sum		600	1223	900	116.82	288.89	11.84	1090	6736.20	122.89
σ		0	22.08	0	1.39	1.75	0.10	22.74	140.56	1.24
σ^2_f		0	487.50	0	1.95	3.08	0.01	517.32	19757.53	1.53
σ^2_e purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2_e Gilik Ijo		0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21
$\mu \sigma^2_e$		0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50
σ^2_g		0	194.27	0	0.87	2.28	0.0004	358.90	14466.28	1.03
KKG (%)		0	23	0	16	10	3	35	36	17
KKF (%)		0	36	0	24	12	17	42	42	20

Keterangan: 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.

Tabel 40. Data Kuantitatif Buncis Famili GIPQ-23

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 6.	6	31	41	45	5.95	13.48	0.72	32	200.64	2.71
GIPQ	8	31	70	45	3.98	15.50	0.45	52	326.04	5.08
23-10	9	31	50	45	5.95	14.46	0.66	35	219.45	2.25
	11	31	18	45	6.49	14.20	0.70	17	106.59	3.00
	13	31	36	45	6.98	15.64	0.70	17	106.59	3.40
	14	31	43	45	6.17	14.81	0.64	26	163.02	5.25
	16	31	55	45	8.00	16.31	0.83	46	288.42	6.00
	17	31	63	45	6.66	16.14	0.61	58	363.66	3.60
	18	31	49	45	6.13	14.65	0.65	47	294.69	7.33
	21	31	63	45	5.79	14.42	0.57	52	326.04	2.50
	25	31	57	45	5.36	13.31	0.63	54	338.58	3.60
	27	31	81	45	9.03	15.69	0.87	52	326.04	6.20
	31	31	69	45	6.55	15.47	0.65	53	332.31	3.67
	32	31	89	45	5.47	13.55	0.68	65	407.55	5.38
	33	31	60	45	5.81	14.68	0.63	46	288.42	6.00
	34	31	45	45	5.49	14.15	0.51	40	250.80	4.00
	35	31	54	45	6.42	14.75	0.69	52	326.04	6.20
	37	31	91	45	6.54	15.96	0.63	71	445.17	5.89
	38	31	74	45	7.36	14.29	0.80	51	319.77	6.70
	39	31	64	45	8.40	16.10	0.88	59	369.93	6.00
n		20	20	20	20	20	20	20	20	20
μ		31	58.6	45	6.43	14.88	0.68	46.25	289.99	4.66
sum		620	1172	900	128.53	297.57	13.52	925	5799.75	88.56
σ		0	17.95	0	1.14	0.93	0.11	14.54	91.15	1.56
σ^2_f		0	322.15	0	1.30	0.86	0.01	211.36	8308.99	2.44
σ^2_e purple queen		0	201.41	0	1.37	1.11	0.01	148.6	4981.33	0.78
σ^2_e Gilik Ijo		0	385.05	0	0.78	0.48	0.01	168.2	5601.18	0.21
$\mu \sigma^2_e$		0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50
σ^2_g		0	28.92	0	0.22	0.06	0.0020	52.94	3017.73	1.94
KKG (%)		0	9	0	7	2	7	16	19	30
KKF (%)		0	31	0	18	6	16	31	31	34

Keterangan: 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.

Tabel 41. Data Kuantitatif Buncis Famili GIPQ-35

Nama famili	Tan	Kuantitatif									
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB	
bed GIPQ 35-11	7. 6	30	76	45	4.71	13.16	0.58	72	390.24	6.30	
	7	33	64	45	5.44	14.35	0.59	61	330.62	6.20	
	8	32	66	45	4.27	12.27	0.54	61	330.62	6.50	
	9	31	41	45	5.66	13.73	0.58	38	205.96	5.50	
	12	30	73	45	6.86	14.88	0.66	53	287.26	5.40	
	13	31	96	45	6.85	15.29	0.66	73	395.66	3.80	
	14	30	62	45	5.13	14.23	0.55	54	292.68	6.60	
	15	32	87	45	6.27	14.17	0.66	84	455.28	4.30	
	16	32	54	45	6.05	14.96	0.62	54	292.68	5.00	
	17	32	69	45	6.00	15.25	0.78	55	298.10	7.00	
	22	33	77	45	7.61	14.55	0.84	71	384.82	6.40	
	31	32	59	45	3.24	13.55	0.39	54	292.68	6.20	
	32	32	62	45	5.11	14.81	0.59	61	330.62	6.00	
	33	31	76	45	3.94	13.19	0.51	50	271.00	6.90	
	34	31	73	45	3.31	12.54	0.44	45	243.90	6.80	
	36	31	90	45	3.47	13.13	0.45	56	303.52	5.90	
	37	31	39	45	5.81	14.31	0.55	36	195.12	6.00	
	39	30	57	45	5.16	14.60	0.59	47	254.74	3.50	
	41	30	35	45	4.02	15.00	0.65	17	92.14	6.10	
	42	31	37	45	5.02	13.56	0.61	36	195.12	5.70	
n		20	20	20	20	20	20	20	20	20	
μ		31.25	64.65	45	5.20	14.08	0.59	53.9	292.14	5.81	
sum		625	1293	900	103.94	281.53	11.82	1078	5842.76	116.1	
σ		0.97	17.43	0	1.23	0.89	0.11	15.30	82.91	0.98	
σ^2_f		0.93	303.92	0	1.52	0.80	0.01	233.99	6873.77	0.96	
σ^2_e purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78	
σ^2_e Gilik Ijo		0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21	
$\mu \sigma^2_e$		0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50	
σ^2_g		0.93	10.69	0	0.45	0.0007	0.0013	75.57	1582.51	0.47	
KKG (%)		3	5	0	13	0.19	6	16	14	12	
KKF (%)		3	27	0	24	6	18	28	28	17	

Keterangan: 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.

Tabel 42. Data Kuantitatif Buncis Famili GKPQ-12

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed8. GKPQ 12-4	7	32	59	45	2.43	9.95	0.53	32	142.40	4.22
	9	30	19	45	3.15	10.48	0.35	15	66.75	5.60
	10	30	66	45	6.02	16.15	0.69	57	253.65	6.50
	11	33	39	45	4.05	11.39	0.56	18	80.10	5.90
	12	32	41	45	3.43	11.41	0.51	39	173.55	5.90
	13	32	28	45	5.02	13.13	0.60	27	120.15	5.20
	15	31	54	45	3.13	11.42	0.51	24	106.80	4.75
	17	31	42	45	4.76	11.67	0.53	35	155.75	6.00
	18	31	49	45	3.70	11.59	0.61	44	195.80	4.60
	19	32	39	45	6.31	14.21	0.68	26	115.70	4.00
	33	33	58	45	3.90	10.96	0.51	47	209.15	6.40
	34	34	78	45	4.43	12.48	0.58	63	280.35	5.25
	35	34	89	45	4.66	12.69	0.57	86	382.70	6.30
	36	34	51	45	4.50	13.50	0.56	39	173.55	4.00
	37	35	88	45	4.40	12.93	0.59	65	289.25	7.40
	38	33	45	45	3.31	11.97	0.46	22	97.90	6.50
	39	32	88	45	3.80	11.60	0.56	80	356.00	4.80
	41	32	54	45	5.32	14.21	0.62	46	204.70	6.00
	44	30	47	45	6.22	17.20	0.72	35	155.75	8.40
48	31	45	45	4.45	11.51	0.56	34	151.30	4.75	
n		20	20	20	20	20	20	20	20	20
μ		32.10	53.95	45	4.35	12.52	0.56	41.70	185.57	5.62
sum		642	1079	900	86.97	250.42	11.29	834	3711.30	112.47
σ		1.45	19.48	0	1.06	1.82	0.08	19.75	87.87	1.14
$\sigma^2 f$		2.09	379.31	0	1.13	3.32	0.0067	389.91	7721.10	1.30
$\sigma^2 e$ purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.3	0.78
$\sigma^2 e$ Gogo Kuning		0	96.84	0	0.56	0.30	0.003	59.50	3482.2	1.42
$\mu \sigma^2 e$		0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10
$\sigma^2 g$		2.09	230.19	0	0.16	2.61	0.0001	285.86	3489.31	0.20
KKG (%)		5	28	0	9	13	1.39	41	32	8
KKF (%)		5	36	0	24	15	15	47	47	20

Keterangan: 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.

Tabel 43. Data Kuantitatif Buncis Famili GKPQ-19

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 9. GKPQ 19-4	6	32	39	45	5.12	14.79	0.50	32	134.08	5.40
	7	32	61	45	3.58	12.83	0.42	58	243.02	5.97
	8	32	57	45	4.43	12.83	0.45	25	104.75	6.97
	9	32	54	45	3.65	12.37	0.53	46	192.74	5.08
	10	32	82	45	2.81	13.50	0.50	74	310.06	5.24
	11	32	51	45	3.23	13.75	0.50	47	196.93	6.23
	13	32	54	45	4.81	12.61	0.44	50	209.50	4.82
	14	32	27	45	3.08	11.00	0.43	14	58.66	4.89
	15	32	28	45	6.37	12.70	0.75	24	100.56	6.02
	17	29	30	45	4.42	11.58	0.58	26	108.94	5.65
	18	33	33	45	4.42	11.40	0.58	23	96.37	5.69
	32	32	42	45	3.44	10.25	0.45	23	96.37	4.37
	35	32	80	45	4.79	13.39	0.53	76	318.44	6.79
	37	34	39	45	4.32	11.90	0.64	21	87.99	3.85
	38	32	31	45	5.46	15.25	0.45	19	79.61	5.70
	39	35	33	45	4.81	12.65	0.50	25	104.75	5.74
	41	32	56	45	5.20	12.21	0.51	27	113.13	7.67
	42	32	39	45	4.19	12.75	0.52	31	129.89	5.84
	43	32	31	45	2.76	12.75	0.50	22	92.18	3.20
	44	33	56	45	6.23	13.83	0.70	49	205.31	7.91
n		20	20	20	20	20	20	20	20	20
μ		32.20	46.15	45	4.36	12.72	0.52	35.60	149.16	5.65
sum		644	923	900	87.11	254.34	10.48	712	2983.28	113.02
σ		1.11	16.29	0	1.04	1.20	0.09	18.14	76.00	1.16
σ^2f		1.22	265.40	0	1.08	1.43	0.0078	328.99	5775.77	1.34
σ^2e purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2e Gogo Kuning		0	96.84	0	0.56	0.30	0.003	59.50	3482.24	1.42
$\mu \sigma^2e$		0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10
σ^2g		1.22	116.27	0	0.11	0.73	0.0012	224.94	1543.99	0.24
KKG (%)		3	23	0	8	7	7	42	26	9
KKF (%)		3	35	0	24	9	17	51	51	21

Keterangan: 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.

Tabel 44. Data Kuantitatif Buncis Famili PQGK-1

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 10. PQGK 1-12	6	36	64	45	7.03	18.13	0.51	54	370.44	7.40
	7	36	27	45	5.57	17.24	0.47	19	130.34	8.56
	9	35	34	45	4.69	16.18	0.49	23	157.78	7.33
	10	35	65	45	8.65	19.48	0.53	55	377.30	5.90
	11	35	63	45	9.58	19.86	0.61	39	267.54	6.50
	13	37	27	48	5.95	16.53	0.42	23	157.78	6.67
	14	35	55	45	8.12	19.06	0.55	51	349.86	7.57
	15	35	36	45	8.46	18.79	0.52	29	198.94	8.00
	16	35	37	48	4.63	15.73	0.37	29	198.94	7.02
	18	35	17	48	2.22	14.50	0.30	13	89.18	8.31
	22	35	51	45	6.24	13.39	0.63	25	171.50	6.09
	34	34	37	48	7.51	18.64	0.46	33	226.38	7.40
	35	35	35	45	7.43	18.45	0.50	33	226.38	5.78
	36	35	45	48	7.71	18.66	0.50	30	205.80	5.20
	37	35	39	48	7.12	18.18	0.47	31	212.66	7.50
	40	37	45	45	7.54	17.81	0.51	44	301.84	8.43
	42	34	30	45	9.93	19.80	0.55	29	198.94	8.83
	43	35	49	45	7.79	18.76	0.48	38	260.68	7.00
	44	36	30	48	6.67	17.40	0.78	29	198.94	6.88
46	34	33	45	5.34	15.86	0.39	25	171.50	4.98	
n		20	20	20	20	20	20	20	20	20
μ		35.2	40.95	46.05	6.91	17.62	0.50	32.60	223.64	7.07
sum		704	819	921	138.17	352.44	10.05	652	4472.7	141.34
σ		0.83	13.38	1.47	1.83	1.76	0.10	11.31	77.56	1.09
σ^2_f		0.69	179.00	2.16	3.34	3.11	0.01	127.83	6015.70	1.20
σ^2_e purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.3	0.78
σ^2_e Gogo Kuning		0	96.84	0	0.56	0.30	0.003	59.50	3482.2	1.42
$\mu \sigma^2_e$		0	149.13	0	0.97	0.71	0.0067	104.05	4231.79	1.10
σ^2_g		0.69	29.87	2.16	2.37	2.41	0.0036	23.79	1783.92	0.10
KKG (%)		2	13	3	22	9	12	15	19	4
KKF (%)		2	33	3	26	10	20	35	35	15

Keterangan: 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.

Tabel 45. Data Kuantitatif Buncis Famili PQGI-169

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed 11.	6	35	59	48	7.52	17.45	0.59	47	288.58	5.75
PQGI	7	36	38	48	4.48	14.50	0.55	31	190.34	5.27
169 -1	8	33	44	45	5.55	15.87	0.48	42	257.88	5.10
	9	36	99	48	5.89	16.07	0.55	52	319.28	4.80
	10	37	59	48	4.68	15.41	0.51	39	239.46	7.00
	12	34	66	48	6.32	16.59	0.60	54	331.56	5.20
	13	30	51	45	4.59	16.52	0.60	46	282.44	6.53
	14	30	54	45	4.59	15.18	0.31	48	294.72	6.10
	15	29	31	45	5.43	16.83	0.59	28	171.92	7.17
	31	35	61	48	5.34	15.64	0.41	51	313.14	5.44
	32	36	63	48	6.83	16.14	0.57	57	349.98	6.70
	34	35	91	48	6.34	16.41	0.52	86	528.04	7.09
	35	37	45	48	6.47	16.70	0.40	41	251.74	6.69
	36	35	60	48	7.28	16.99	0.57	36	221.04	7.29
	37	37	78	48	7.33	16.70	0.59	49	300.86	6.46
	38	36	49	48	7.78	17.60	0.57	37	227.18	5.88
	39	36	47	48	8.01	18.02	0.77	38	233.32	6.60
	40	36	37	48	7.96	18.30	0.69	26	159.64	5.33
	41	37	74	48	7.55	17.87	0.56	48	294.72	6.85
	42	36	30	48	6.67	17.40	0.78	29	178.06	6.85
n		20	20	20	20	20	20	20	20	20
μ		34.80	56.80	47.40	6.33	16.61	0.56	44.25	271.70	6.20
sum		696	1136	948	126.62	332.20	11.21	885	5433.90	124.09
σ		2.44	18.48	1.23	1.20	0.9981	0.11	13.33	81.84	0.79
σ^2_f		5.96	341.43	1.52	1.45	0.9962	0.0124	177.67	6698.13	0.63
σ^2_e purple queen		0	201.41	0	1.37	1.11	0.01	148.59	4981.33	0.78
σ^2_e Gilik Ijo		0	385.05	0	0.78	0.48	0.01	168.24	5601.18	0.21
$\mu \sigma^2_e$		0	293.23	0	1.08	0.80	0.01	158.42	5291.26	0.50
σ^2_g		5.96	48.20	1.52	0.38	0.20	0.0024	19.26	1406.87	0.13
KKG (%)		7	12	3	9.69	3	9	9.92	14	6
KKF (%)		7	33	3	19	6	20	30	30	13

Keterangan: 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.

Tabel 46. Data Kuantitatif Buncis Famili MCS-13

Nama famili	Tan	Kuantitatif								
		UB	JB	UP	RBP (g)	RPP (cm)	RDP (mm)	JP	BP/T (g)	RJB
bed. 12.	6	32	146	45	5.78	13.25	0.56	110	504.90	4.63
MCS 13	7	32	62	45	4.34	10.91	0.68	52	238.68	3.40
-13	8	36	45	48	2.26	13.50	0.37	32	146.88	4.40
	11	30	54	45	3.53	9.51	0.55	47	215.73	5.20
	13	30	50	45	4.49	11.43	0.65	43	197.37	3.40
	14	35	90	48	6.57	14.33	0.55	86	394.74	4.75
	17	32	89	45	7.09	12.09	0.63	86	394.74	4.73
	19	31	45	45	4.08	10.23	0.61	39	179.01	3.26
	21	30	61	45	3.58	9.67	0.62	58	266.22	4.42
	23	30	55	45	4.73	11.09	0.58	50	229.50	3.51
	32	31	32	45	5.87	10.08	0.59	19	87.21	3.61
	33	33	42	45	4.11	10.59	0.64	32	146.88	4.44
	36	32	41	45	3.52	10.21	0.54	40	183.60	3.80
	37	32	49	45	3.60	10.34	0.55	45	206.55	4.55
	38	33	44	45	4.15	10.79	0.63	40	183.60	3.40
	39	31	63	48	4.92	12.89	0.58	44	201.96	2.60
	40	32	70	45	4.76	11.44	0.53	62	284.58	3.75
	41	32	76	45	4.98	11.40	0.65	70	321.30	3.98
	43	30	46	45	5.11	12.36	0.60	46	211.14	5.81
	44	32	75	48	5.34	13.27	0.56	70	321.30	4.50
n		20	20	20	20	20	20	20	20	20
μ sum		31.80	61.75	45.60	4.64	11.47	0.58	53.55	245.79	4.11
σ		1.61	25.47	1.23	1.14	1.40	0.07	21.78	99.99	0.77
$\sigma^2 f$		2.59	648.62	1.52	1.30	1.95	0.0044	474.58	9998.42	0.59
$\sigma^2 e$ cherokee sun		0	101.43	0	0.43	0.42	0.0012	141.92	4498.54	0.44
$\sigma^2 e$ Mantili		0	161.12	0	2.05	0.79	0.0045	157.67	15484.57	0.42
$\mu \sigma^2 e$		0	131.28	0	1.24	0.605	0.0029	149.80	9991.56	0.43
$\sigma^2 g$		2.59	517.34	1.52	0.06	1.34	0.0016	324.78	6.87	0.16
KKG (%)		5	37	3	5	10	7	34	1	10
KKF (%)		5	41	3	25	12	11	41	41	19

Keterangan: 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 6. 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							
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	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	22,68	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	18,20	6		
19	19,60	23,10	20,40	20,68	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 1/NO.2 KEMAYORAN JAKARTA PUSAT**

DATA-DATA KLIMATOLOGI									
GARIS LINTANG :					BULAN : Februari 2014				
TINGGI DIATAS PERMUKAAN LAUT :					STASIUN : KP PUNTEU				
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	20,50	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	732,60	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							
GARIS LINTANG :		BULAN :Maret 2014							
TINGGI DIATAS PERMUKAAN LAUT :		STASIUN : KP PUNTEN							
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	21,20	25,10	21,00	22,43	26,80	16,60	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	28,90	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	20,80	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		