LAMPIRAN

Lampiran 1. Sidik Ragam dan Uji Lanjut Helai Daun Tanaman Melon Umur 14, 18, 42 dan 56 HST.

Tests of Between-Subjects Effects

Dependent Variable: Helai Daun 14 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	,167	2	,083	,898	,422
	Error	2,042	22	,093[a]		
V	Hypothesis	,410	3	,137	1,472	,250
	Error	2,042	22	,093[a]		
Ulangan	Hypothesis	,292	2	,146	1,571	,230
	Error	2,042	22	,093[a]		
T * V	Hypothesis	,778	6	,130	1,397	,260
	Error	2,042	22	,093[a]		

Tests of Between-Subjects Effects

Dependent Variable: Helai Daun 28 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	6,681	2	3,340	23,941	,000
	Error	3,069	22	,140[a]		
V	Hypothesis	1,521	3	,507	3,633	,029
	Error	3,069	22	,140[a]		
Ulangan	Hypothesis	12,264	2	6,132	43,950	,000
	Error	3,069	22	,140[a]		
T * V	Hypothesis	3,208	6	,535	3,833	,009
	Error	3,069	22	,140[a]		

Tests of Between-Subjects Effects

Dependent Variable: Helai Daun 42 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	20,514	2	10,257	30,829	,000
	Error	7,319	22	,333[a]		
V	Hypothesis	23,611	3	7,870	23,656	,000
	Error	7,319	22	,333[a]		
Ulangan	Hypothesis	37,514	2	18,757	56,378	,000
	Error	7,319	22	,333[a]		
T * V	Hypothesis	12,097	6	2,016	6,060	,001
	Error	7,319	22	,333[a]		

Tests of Between-Subjects Effects

Dependent Variable: Helai Daun 56 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	26,167	2	13,083	63,963	,000
	Error	4,500	22	,205[a]		
V	Hypothesis	6,465	3	2,155	10,536	,000
	Error	4,500	22	,205[a]		
Ulangan	Hypothesis	16,667	2	8,333	40,741	,000
	Error	4,500	22	,205[a]		
T * V	Hypothesis	4,889	6	,815	3,984	,008
	Error	4,500	22	,205[a]		

Kombinasi Perlakuan	Helai Daun			
	14 HST	28 HST	42 HST	56 HST
T0V0	3,00 a	12,00 a	18,17 a	21,33 a
T0V1	3,50 ab	13,00 ab	20,67 abc	22,33 abc
T0V2	3,17 ab	12,50 a	20,17 abc	22,17 abc
T0V3	3,17 ab	12,67 ab	19,50 abc	21,67 ab
T1V0	3,50 ab	12,50 a	19,17 ab	22,17 abc
T1V1	3,33 ab	12,33 a	19,83 abc	23,33 bcd
T1V2	3,17 ab	12,33 a	20,33 abc	23,50 cd
T1V3	3,50 ab	12,17 a	21,17 bcd	23,17 bcd
T2V0	3,17 ab	12,83 ab	20,00 abc	23,33 bcd
T2V1	3,17 ab	13,17 ab	20,50 abc	23,17 bcd
T2V2	3,17 ab	13,17 ab	22,00 cd	24,50 d
T2V3	3,67 b	14,17 b	23,17 d	24,83 d

Lampiran 2. Sidik Ragam dan Uji Lanjut Diameter Batang Tanaman Melon Umur 14, 18, 42 dan 56 HST.

Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang 14 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	,068	2	,034	1,010	,380
	Error	,746	22	,034[a]		
V	Hypothesis	,518	3	,173	5,095	,008
	Error	,746	22	,034[a]		
Ulangan	Hypothesis	,287	2	,144	4,238	,028
	Error	,746	22	,034[a]		
T * V	Hypothesis	,039	6	,006	,192	,976
	Error	,746	22	,034[a]		

Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang 28 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	,114	2	,057	1,132	,340
	Error	1,104	22	,050[a]		
V	Hypothesis	1,190	3	,397	7,903	,001
	Error	1,104	22	,050[a]		
Ulangan	Hypothesis	,694	2	,347	6,912	,005
	Error	1,104	22	,050[a]		
T * V	Hypothesis	,040	6	,007	,134	,990
	Error	1,104	22	,050[a]		

Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang 42 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	1,005	2	,502	4,954	,017
	Error	2,231	22	,101[a]		
V	Hypothesis	1,725	3	,575	5,670	,005
	Error	2,231	22	,101[a]		
Ulangan	Hypothesis	,710	2	,355	3,500	,048
	Error	2,231	22	,101[a]		
T * V	Hypothesis	1,905	6	,318	3,131	,023
	Error	2,231	22	,101[a]		

Tests of Between-Subjects Effects

Dependent Variable: Diameter Batang 56 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	4,447	2	2,223	50,407	,000
	Error	,970	22	,044[a]		
V	Hypothesis	2,744	3	,915	20,733	,000
	Error	,970	22	,044[a]		
Ulangan	Hypothesis	2,320	2	1,160	26,295	,000
	Error	,970	22	,044[a]		
T * V	Hypothesis	,848	6	,141	3,205	,020
	Error	,970	22	,044[a]		

Kombinasi Perlakuan	Diameter Batang (cm)			
	14 HST	28 HST	42 HST	56 HST
T0V0	1,52 a	3,45 a	5,17 a	5,82 a
T0V1	1,57 ab	3,49 ab	5,86 cde	6,342 ab
T0V2	1,55 ab	3,53 ab	5,32 abc	6,25 ab
T0V3	1,84 ab	3,92 ab	6,02 def	6,77 bcd
T1V0	1,57 ab	3,53 ab	5,78 bcde	6,94 bcd
T1V1	1,67 ab	3,72 ab	5,66 abcd	6,48 abc
T1V2	1,62 ab	3,70 ab	5,20 ab	6,82 bcd
T1V3	1,81 ab	3,98 ab	6,28 ef	7,26 de
T2V0	1,54 ab	3,50 ab	5,91 def	7,00 cd
T2V1	1,75 ab	3,58 ab	5,49 abcd	6,90 bcd
T2V2	1,67 ab	3,67 ab	5,86 cde	6,942 bcd
T2V3	1,95 b	4,02 b	6,48 f	7,70 e

Lampiran 3. Sidik Ragam dan Uji Lanjut Luas Daun Tanaman Melon Umur 14, 18, 42 dan 56 HST.

Tests of Between-Subjects Effects

Dependent Variable: Luas Daun 14 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	67,838	2	33,919	2,126	,143
	Error	351,039	22	15,956[a]		
V	Hypothesis	387,403	3	129,134	8,093	,001
	Error	351,039	22	15,956[a]		
Ulangan	Hypothesis	683,646	2	341,823	21,422	,000
	Error	351,039	22	15,956[a]		
T * V	Hypothesis	228,423	6	38,070	2,386	,063
	Error	351,039	22	15,956[a]		

Tests of Between-Subjects Effects

Dependent Variable: Luas Daun 28 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	8822,444	2	4411,222	7,295	,004
	Error	13303,955	22	604,725[a]		
V	Hypothesis	12848,250	3	4282,750	7,082	,002
	Error	13303,955	22	604,725[a]		
Ulangan	Hypothesis	22994,928	2	11497,464	19,013	,000
	Error	13303,955	22	604,725[a]		
T * V	Hypothesis	1714,986	6	285,831	,473	,821
	Error	13303,955	22	604,725[a]		

Tests of Between-Subjects Effects

Dependent Variable: Luas Daun 42 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	5718,306	2	2859,153	8,083	,002
	Error	7781,538	22	353,706[a]		
V	Hypothesis	17343,526	3	5781,175	16,345	,000
	Error	7781,538	22	353,706[a]		
Ulangan	Hypothesis	13233,726	2	6616,863	18,707	,000
	Error	7781,538	22	353,706[a]		
T * V	Hypothesis	6540,579	6	1090,097	3,082	,024
	Error	7781,538	22	353,706[a]		

Tests of Between-Subjects Effects

Dependent Variable: Luas Daun 56 HST

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	27066,549	2	13533,274	35,895	,000
	Error	8294,528	22	377,024[a]		
V	Hypothesis	14530,431	3	4843,477	12,847	,000
	Error	8294,528	22	377,024[a]		
Ulangan	Hypothesis	16162,050	2	8081,025	21,434	,000
	Error	8294,528	22	377,024[a]		
T * V	Hypothesis	5973,800	6	995,633	2,641	,044
	Error	8294,528	22	377,024[a]		

Kombinasi Perlakuan	Luas Daun (cm)			
	14 HST	28 HST	42 HST	56 HST
T0V0	62,75 a	195,28 a	257,78 a	331,50 a
T0V1	66,225 a	207,75 ab	296,89 ab	354,38 ab
T0V2	63,903 a	212,29 ab	288,72 ab	346,97ab
T0V3	68,24 a	249,41 ab	321,57 b	362,40 abc
T1V0	67,102 a	239,61 ab	308,19 ab	354,18 ab
T1V1	66,27 a	210,70 ab	301,84 ab	359,99 abc
T1V2	66,93 a	223,73 ab	290,71 ab	360,79 abc
T1V3	69,73 ab	268,30 ab	331,31 bc	394,65 bc
T2V0	62,94 a	245,31 ab	293,74 ab	384,81 abc
T2V1	66,90 a	232,97 ab	291,42 ab	381,08 abc
T2V2	64,52 a	256,56 ab	323,99 b	418,28 cd
T2V3	79,95 b	283,28 b	379,14 c	471,84 d

Lampiran 4. Sidik Ragam dan Uji Lanjut Bobot Buah Tanaman Melon.

Tests of Between-Subjects Effects

Dependent Variable: Bobot Buah

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	129204,799	2	64602,399	61,857	,000
	Error	22976,421	22	1044,383[a]		
V	Hypothesis	23708,374	3	7902,791	7,567	,001
	Error	22976,421	22	1044,383[a]		
Ulangan	Hypothesis	33764,295	2	16882,148	16,165	,000
	Error	22976,421	22	1044,383[a]		
T * V	Hypothesis	17788,346	6	2964,724	2,839	,033
	Error	22976,421	22	1044,383[a]		

a. MS(Error)

Kombinasi Perlakuan	Bobot Buah (gram)
T0V0	607,50 a
T0V1	617,50 ab
T0V2	629,17 abc
T0V3	674,17 abcd
T1V0	705,83 bcde
T1V1	618,50 ab
T1V2	724,17 de
T1V3	717,58 cde
T2V0	743,47 def
T2V1	778.67 ef
T2V2	761,85 def
T2V3	828 f

Lampiran 5. Sidik Ragam dan Uji Lanjut Diameter Buah Tanaman Melon.

Tests of Between-Subjects Effects

Dependent Variable: Diameter Buah

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
T	Hypothesis	3,966	2	1,983	4,095	,031
	Error	10,653	22	,484[a]		
V	Hypothesis	51,175	3	17,058	35,227	,000
	Error	10,653	22	,484[a]		
Ulangan	Hypothesis	21,878	2	10,939	22,590	,000
	Error	10,653	22	,484[a]		
T * V	Hypothesis	8,032	6	1,339	2,764	,037
	Error	10,653	22	,484[a]		

Kombinasi Perlakuan	Diameter Buah (cm)
T0V0	32,42 a
T0V1	33,32 ab
T0V2	34,25 abc
T0V3	36,12 cd
T1V0	33,50 ab
T1V1	34,22 abc
T1V2	34,90 bcd
T1V3	36,10 cd
T2V0	33,62 ab
T2V1	35,00 bcd
T2V2	33,42 ab
T2V3	37,07 d

Lampiran 6. Persiapan Sebelum Tanam

Gambar 9. Sanitasi Sisa – sisa Tanaman dan Gulma serta Pembersihan Dripeer

(Sumber: Dokumen Pribadi, 2024)

Gambar 10. Pencampuran dan Pewadahan media dan kohe serta Pengecekan pH media Tanam

(Sumber: Dokumen Pribadi, 2024)

Gambar 11. Kalibrasi Pengairan; Penakaran dan Penghitungan air hasil kalibrasi

(Sumber: Dokumen Pribadi, 2024)

Gambar 12. Sterilisasi Ghreenhouse

(Sumber: Dokumen Pribadi, 2024)

Lampiran 7. Perkecambahan Benih dan Penanaman

Gambar 13. Benih tanaman melon var. Honey Orange; Perendaman benih dengan air hangat (suhu ± 15 – 37 ºC).

(Sumber: Dokumen Pribadi, 2024)

Gambar 14. Perendaman benih dengan air hangat selama ± 1 jam; Penirisan benih yang direndam.

(Sumber: Dokumen Pribadi, 2024)

Gambar 15. a). Perendaman benih dengan air biasa selama ± 8 jam; b). Setelah perendaman selama ± 8 jam.

(Sumber: Dokumen Pribadi, 2024)

Gambar 16. a). Penirisan benih yang direndam selamalaman; b). Pemeraman benih selama 24 x 2 dengan kain lembab

(Sumber: Dokumen Pribadi, 2024)

Gambar 17. Kondisi kecambah benih melon selama 24 jam; Kondisi kecambah benih melon selama 48 jam

(Sumber: Dokumen Pribadi, 2024)

Gambar 18. Pembasahan Media Sebelum Tanam dan penanaman kecambah benih

(Sumber: Dokumen Pribadi, 2024)

Lampiran 8. Pupuk dan Pemupukan

Gambar 19. Pupuk Makro (NPK dan Boron)

(Sumber: Dokumen Pribadi, 2024)

Gambar 20. Pupuk Makro (Calsium dan MKP)

(Sumber: Dokumen Pribadi, 2024)

Gambar 21. Pupuk Makro (KNO3) dan cairan Zat Aktivator Tanaman (ZAT)

(Sumber: Dokumen Pribadi, 2024)

Gambar 22. Pupuk Mikro (Qiuvita Hijau dan Qiuvita Merah)

(Sumber: Dokumen Pribadi, 2024)

Gambar 23. Kotoran Hewan (Kohe) Ayam dan *Trichoderma* sp.

(Sumber: Dokumen Pribadi, 2024)

Lampiran 9. Penakaran Dosis dan Pengaplikasian *Trichoderma* sp.

Gambar 24. *Trichoderma* sp. 5 gram
(Sumber: Dokumen Pribadi, 2024)

Gambar 25. *Trichoderma* sp. 10 gram
(Sumber: Dokumen Pribadi, 2024)

Gambar 26. *Trichoderma* sp. 15 gram
(Sumber: Dokumen Pribadi, 2024)

Gambar 27. Pengaplikasian *Trichoderma* sp. Pada Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Lampiran 10. Perawatan Tanaman

Gambar 28. Perambatan Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 29. Pemotongan Tunas Air Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 30. Pemotongan Sulur Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 31. Pengecekan Hama Kutu Daun Pada Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 32. Pengairan Pada Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 33. Seleksi dan Penggantungan Buah Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 34. Pembumbunan Media Pada Pangkal Tanaman Melon
(Sumber: Dokumen Pribadi, 2024)

Lampiran 11. Insektisida dan Fungisida

Gambar 35. Insektisida Pengendali Hama Pada Tanaman Melon (Bahan aktif: *Deltrametrin*)

(Sumber: Dokumen Pribadi, 2024)

a). 

b). 

Gambar 36. Fungisida Pengendali Jamur Pada Tanaman Melon (a). Bahan aktif: *Mankozeb*; b). Bahan aktif: *Propineb* 70%

(Sumber: Dokumen Pribadi, 2024)

Lampiran 12. Dokumentasi Panen

Gambar 37. Pengecekan brix buah Tanaman Melon Sebelum Panen
(Sumber: Dokumen Pribadi, 2024)

Gambar 38. Pemanenan atau Pemotongan Buah Buah dari Tangkai Tanaman
(Sumber: Dokumen Pribadi, 2024)

Gambar 39. Pensortiran Grade Buah Melon
(Sumber: Dokumen Pribadi, 2024)

Gambar 40. Pengangkutan Buah Setelah Disortir
(Sumber: Dokumen Pribadi, 2024)

Lampiran 13. Pengambilan Data Penelitian

Gambar 41. Jumlah Helai Daun Tanaman Melon

(Sumber: Dokumen Pribadi, 2024)

Gambar 42. Pengukuran Diameter Batang Tanaman Melon

(Sumber: Dokumen Pribadi, 2024)

Gambar 43. Pengukuran Luas Daun Tanaman Melon

(Sumber: Dokumen Pribadi, 2024)

Gambar 44. Penimbangan Bobot Buah Tanaman Melon

(Sumber: Dokumen Pribadi, 2024)

Gambar 45. Pengukuran Diameter Buah Tanaman Melon

(Sumber: Dokumen Pribadi, 2024)