SUPPORTING INFORMATION

Effects of Growing Media and Variety on Growth and Fruit Characteristics of Melon *(Cucumis melo L.)* under Drip Irrigation

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Data description

- The tables below reproduce the 27 experimental-unit observations available in the submitted workbook (nine growing medium × variety combinations across three blocks).
- The manuscript states that each experimental-unit value represents the mean of two plant subsamples. The submitted workbook did not contain the corresponding Plant 1 and Plant 2 observations; therefore, this document presents the experimental-unit values used for ANOVA, not the original plant-level observations.

Table S1. Treatment codes

Factor	Code	Definition
Growing medium	M0	Soil
Growing medium	M1	Cocopeat
Growing medium	M2	Soil + cocopeat (1:1, v/v)
Variety	V1	Kinanti
Variety	V2	Kirani
Variety	V3	Alisha
Block	B1-B3	Blocks 1-3

Table S2. Experimental-unit plant-height data used for ANOVA

Plant height is expressed in centimetres. WAT, weeks after transplanting.

Unit ID	Block	Medium	Variety	1 WAT	2 WAT	3 WAT	4 WAT	5 WAT
M0V1-B1	1	M0	V1	9	22	81	155	229
M0V1-B2	2	M0	V1	9	19	65	147	230
M0V1-B3	3	M0	V1	14	35	104	190	240
M0V2-B1	1	M0	V2	9	13	50	109	188
M0V2-B2	2	M0	V2	14	25	85	154	230
M0V2-B3	3	M0	V2	14	38	102	190	220
M0V3-B1	1	M0	V3	12	24	80	143	190
M0V3-B2	2	M0	V3	9	13	39	96	165
M0V3-B3	3	M0	V3	14	23	85	147	200
M1V1-B1	1	M1	V1	10	25	103	180	240
M1V1-B2	2	M1	V1	15	49	146	210	260
M1V1-B3	3	M1	V1	14	47	148	213	255

Unit ID	Block	Medium	Variety	1 WAT	2 WAT	3 WAT	4 WAT	5 WAT
M1V2-B1	1	M1	V2	12	20	88	175	265
M1V2-B2	2	M1	V2	15	40	120	203	250
M1V2-B3	3	M1	V2	15	39	110	200	240
M1V3-B1	1	M1	V3	12	35	145	197	250
M1V3-B2	2	M1	V3	13	28	103	157	191
M1V3-B3	3	M1	V3	13	35	122	180	210
M2V1-B1	1	M2	V1	19	28	99	180	250
M2V1-B2	2	M2	V1	12	18	96	145	210
M2V1-B3	3	M2	V1	15	45	137	210	230
M2V2-B1	1	M2	V2	15	30	102	170	260
M2V2-B2	2	M2	V2	12	33	100	190	250
M2V2-B3	3	M2	V2	13	26	77	172	220
M2V3-B1	1	M2	V3	11	29	96	170	230
M2V3-B2	2	M2	V3	14	34	113	206	240
M2V3-B3	3	M2	V3	11	22	99	170	230

Table S3. Experimental-unit leaf-number data used for ANOVA

Leaf number was recorded as the number of fully expanded true leaves. WAT, weeks after transplanting.

Unit ID	Block	Medium	Variety	1 WAT	2 WAT	3 WAT	4 WAT	5 WAT
M0V1-B1	1	M0	V1	6	10	15	20	26
M0V1-B2	2	M0	V1	6	9	15	19	24
M0V1-B3	3	M0	V1	6	11	15	20	27
M0V2-B1	1	M0	V2	4	6	8	11	19
M0V2-B2	2	M0	V2	6	9	14	18	25
M0V2-B3	3	M0	V2	6	12	15	21	27
M0V3-B1	1	M0	V3	5	8	13	15	19
M0V3-B2	2	M0	V3	5	8	12	17	26
M0V3-B3	3	M0	V3	6	9	13	21	27
M1V1-B1	1	M1	V1	6	10	15	20	26
M1V1-B2	2	M1	V1	6	10	14	22	28
M1V1-B3	3	M1	V1	6	10	15	20	26
M1V2-B1	1	M1	V2	5	10	15	20	27
M1V2-B2	2	M1	V2	5	10	15	20	26
M1V2-B3	3	M1	V2	6	11	15	22	26
M1V3-B1	1	M1	V3	6	9	15	19	23
M1V3-B2	2	M1	V3	6	8	15	20	26
M1V3-B3	3	M1	V3	6	9	15	19	25
M2V1-B1	1	M2	V1	5	9	16	22	27

Unit ID	Block	Medium	Variety	1 WAT	2 WAT	3 WAT	4 WAT	5 WAT
M2V1-B2	2	M2	V1	5	9	15	21	27
M2V1-B3	3	M2	V1	6	10	16	25	30
M2V2-B1	1	M2	V2	6	8	15	16	23
M2V2-B2	2	M2	V2	5	9	12	18	27
M2V2-B3	3	M2	V2	6	9	13	21	24
M2V3-B1	1	M2	V3	5	9	15	19	25
M2V3-B2	2	M2	V3	6	10	15	22	26
M2V3-B3	3	M2	V3	6	9	15	21	25

Table S4. Experimental-unit fruit-characteristic data used for ANOVA

TSS, total soluble solids.

Unit ID	Block	Medium	Variety	Fruit weight (kg)	Flesh thickness (cm)	TSS (°Brix)
M0V1-B1	1	M0	V1	1.6	2.2	9
M0V1-B2	2	M0	V1	1.6	2.8	12
M0V1-B3	3	M0	V1	1.5	2.6	12
M0V2-B1	1	M0	V2	1.5	2.6	14
M0V2-B2	2	M0	V2	1.4	3.1	13
M0V2-B3	3	M0	V2	1.3	2.3	12
M0V3-B1	1	M0	V3	1.1	3.7	12
M0V3-B2	2	M0	V3	1.0	3.4	10
M0V3-B3	3	M0	V3	1.2	2.0	10
M1V1-B1	1	M1	V1	1.2	3.0	12
M1V1-B2	2	M1	V1	1.5	2.3	14
M1V1-B3	3	M1	V1	1.5	3.5	15
M1V2-B1	1	M1	V2	1.1	3.2	15
M1V2-B2	2	M1	V2	1.1	3.3	14
M1V2-B3	3	M1	V2	1.1	3.0	14
M1V3-B1	1	M1	V3	1.3	3.9	12
M1V3-B2	2	M1	V3	1.4	3.2	13
M1V3-B3	3	M1	V3	1.2	3.5	12
M2V1-B1	1	M2	V1	1.3	3.1	13
M2V1-B2	2	M2	V1	1.2	3.6	11
M2V1-B3	3	M2	V1	1.2	3.1	14
M2V2-B1	1	M2	V2	1.1	2.9	14
M2V2-B2	2	M2	V2	1.0	2.7	12
M2V2-B3	3	M2	V2	1.0	3.0	11
M2V3-B1	1	M2	V3	1.1	3.4	11

Unit ID	Block	Medium	Variety	Fruit weight (kg)	Flesh thickness (cm)	TSS (°Brix)
M2V3-B2	2	M2	V3	1.2	3.3	11
M2V3-B3	3	M2	V3	1.3	3.3	13

Table S5. Available days-to-flowering summary from the submitted workbook

Growing medium	Kinanti (V1)	Kirani (V2)	Alisha (V3)	Mean
Soil (M0)	22.00	25.00	22.00	23.00
Cocopeat (M1)	22.00	24.00	22.00	22.67
Soil + cocopeat (M2)	22.00	25.00	22.00	23.00
Mean	22.00b	24.67a	22.00b	22.89

Available ANOVA output: growing medium, F = 1.000, P = 0.3897; variety, F = 64.000, P < 0.0001; growing medium × variety, F = 1.000, P = 0.4362; residual df = 16; CV = 2.52%. Means followed by the same lowercase letter are not significantly different according to Duncan’s Multiple Range Test at P = 0.05.