

DAFTAR PUSTAKA

- Angraini, A.S. (2022). *Pengaruh Konsentrasi Pati Sagu Sebagai Bahan Dasar Edible coating Terhadap Paprika Merah (Capsicum annum L.) Selama Penyimpanan*. Skripsi Universitas Hasanuddin.
- Arista N A D. (2021). Penanganan Pascapanen Sayuran Serta Strategi Sosialisasinya Kepada Masyarakat Ditengah Pandemic Covid-19. *Agropross*. Doi: 10.25047/agropross.2021.223.
- Badu, S., Yuniarti, K., & Rully, T. (2013). Analisis Kandungan Mikroba Pada Permen Soba Alga Laut *Kappaphycus Alvarezil* Selama Penyimpanan. *Jurnal Perikanan dan Kelautan*, 1(3), 155-159.
- Gaol, R. L., Emanauli, & Oktaria. (2022). Pengaruh Konstrasi Pati Singkong Terhadap Karakteristik Tepung *Whey* Tahu Dengan Metode *Foam Mat Drying*. Universitas Jambi: Jambi.
- Herwindo R. (2014). Kajian Jenis Kemasan dan Simulasi Pengangkutan Terhadap Mutu Fisik Buah Terung (*Solanum melongena* L). *Skripsi*.
- Iflah, T., Sutrisno, & Titi, C.S. (2012). Pengaruh Kemasan *Starch-Based Plastics* (Bioplastik) terhadap Mutu Tomat dan Paprika Selama Penyimpanan Dingin. *Jurnal Teknologi Industri Pertanian*, 22 (3), 189-197.
- Ismiarto, Y.D., Anita, & Arnold. (2018). Perbandingan Pengaruh LIDC yng Dikombinasi dengan Argentum dan Antibiotik untuk Proses Penyembuhan Luka Terinfeksi. *JSK*. Vol.4 (1).
- Jung, W.K., Hye, C.H., Ki, W.K., So.H.K., & Yong, H.P. (2008). Antibacterial Activity and Mechanism of Action of the Silver Ion in *Staphylococcus aureus* dan *Escherichia coli*. *Applied and Environmental Microbiology*. Vol. 74 (7).
- Miskiyah, Widaningrum, & Christina. (2011). *Edible coating* Berbasis Pati Sagu dan Vitamin C untuk Meningkatkan Daya Simpan Paprika Merah (*Capsicum annum* var., *Athena*). *Jurnal Pascapanen*, 8(1): 39-46.
- Ngandhe, Y.W., Rosiana, U., & Bagus, S. (2021). Teknik Pascapanen Paprika (*Capsicum annum* var. *grossum* L) di Agrowisata Puncak Bukit Catu Bedugul-Bali. *Teknologi Pangan dan Ilmu Pertanian*. 3(1):8-12.
- Ningsih K.S. (2021). Respon Pertumbuhan Tanaman Paprika (*Capsicum annum* var. *grossum*) dengan Berbagai Rasio Media Tanam dan Metode Aplikasi Pupuk Organik Cair. *Skripsi*.
- Nursidiq, A., Noor, T. I., & Trimo, L. (2020). Analisis Kinerja Sistem Agribisnis Paprika di Kabupaten Bandung Barat". *Jurnal Ekonomi Pertanian dan Agribisnis*, Vol. 4(4), Hal. 827-837.
- Nofrida, R., Endang, W., & Indah, Y. (2013). Pengaruh Suhu Penyimpanan Terhadap Perubahan Warna Label Cerdas Indikator Warna dari Daun Erpa. *Jurnal Teknologi Industri Pertanian*, 23(3), 232-241.
- Pade, S.W. (2019). *Edible coating* Pati Singkong (*Manihot utilissima pohl*) Terhadap Mutu Nenas Terolah Minimal Selama Penyimpanan. *Agercolere*. 1(1):13-18.
- Putra, G.M.D., Diah, A.S., & Sumarjan. (2018). Rancang Bangun Sistem Sortasi Kematangan Buah Semi Otomatis Berbasis Arduino. *Jurnal Teknoton*. 285.



- A. (2019). Pemanfaatan Pati Kulit Ubi Kayu Sebagai Bahan Baku *ing* dengan Penambahan Kitosan untuk Memperpanjang Umur *ik* Rimau Gerga Lebong Bengkulu. *Prosiding Seminar Nasional omasi Komputer dan Sains*, 247-256.
- H., & Chalimatuz, S. (2020). Pendampingan Pengemasan dan Pascapanen pada Kelompok Tani 'Tani Maju 01' Di Bumiaji Kota *si dan Inovasi Ipteks*. 3(2) : 70-75.

- Sitorus, R. F., Terip, K., & Zulkifli, L. (2014). Pengaruh Konsentrasi Kitosan Sebagai *Edible coating* dan Lama Penyimpanan Terhadap Mutu Buah Jambu Biji Merah. *Ilmu dan Teknologi Pangan*. 2(1):37-46.
- Supriatna, J., & Itsna, D.A. (2021). Budidaya Tanaman Paprika (*Capsicum annum var. Grossum*) Secara Hidroponik dengan Sistem Irigasi Tetes di P4S Tottal Cantigi farm. *Jurnal Community Empowerment*. 6(8):1545-1556.
- Tulung, S.M., & Sofia, D. (2011). Pertumbuhan dan Hasil Paprika (*Capsicum annum var.grossum*) pada Beberapa Jenis Naungan. *Eugenia*. 17(2):156-162.
- Usni, A., Karo-Karo, T., & Yusriani, E. (2016). Pengaruh *Edible Coating* Berbasis Pati Kulit Ubi Kayu Terhadap Kualitas dan Umur Simpan Buah Jambu Biji Merah pada Suhu Kamar. *Jurnal Rekayasa Pangan dan Pertanian* 4(3), 293-303.
- Widyastuti, N., & Aminudin. (2013). Pengembangan *Edible coating* Ekstrak Daun Randu dan Pengaruhnya Terhadap Kualitas Mentimun. *Biosaintifika*. 5(2) :106-120.



LAMPIRAN

Lampiran 1. Nilai Rata-rata Parameter Pengukuran Paprika Merah Selama Penyimpanan

Tabel 10. Nilai Rata-rata Susut Bobot Paprika Merah Selama Penyimpanan

Perlakuan	Susut Bobot				Rata-rata
	Hari 1	Hari 6	Hari 11	Hari 16	
Tanpa <i>Edible coating</i> Suhu Ruang	6,40	23,03	43,39	57,52	32,59
<i>Edible coating</i> 5% Pati Singkong Suhu Ruang	4,99	20,73	36,56	64,40	31,67
<i>Edible coating</i> 10% Pati Singkong Suhu Ruang	4,10	22,10	44,11	55,99	31,58
<i>Edible coating</i> 5% Pati Singkong + 5 ml Argentum Suhu Ruang	4,60	25,66	36,57	65,64	33,12
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Ruang	2,81	20,84	43,24	52,85	29,94
Tanpa <i>Edible coating</i> Suhu Dingin	3,78	12,62	19,89	27,90	16,05
<i>Edible coating</i> 5% Pati Singkong Suhu Dingin	2,89	5,77	7,01	14,54	7,55
<i>Edible coating</i> 10% Pati Singkong Suhu Dingin	1,89	4,37	7,47	11,14	6,22
<i>Edible coating</i> 5% Pati Singkong + 5 ml Argentum Suhu Dingin	2,43	6,12	9,72	13,99	8,07
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Dingin	1,58	0,78	8,60	11,52	5,62

Tabel 11. Nilai Rata-rata Kekerasan Paprika Merah Selama Penyimpanan

Perlakuan	Kekerasan				Rata-rata
	Hari 1	Hari 6	Hari 11	Hari 16	
Tanpa <i>Edible coating</i> Suhu Ruang	2,67	1,16	1,45	0,62	1,48
<i>Edible coating</i> 5% Pati g	2,57	2,15	1,27	0,88	1,72
'ati	2,75	2,69	1,15	0,70	1,82
g	1,62	1,27	1,53	0,63	1,26
ti					
ng					



Lanjutan Tabel 11.

Perlakuan	Kekerasan				Rata-rata
	Hari 1	Hari 6	Hari 11	Hari 16	
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Ruang Tanpa <i>Edible coating</i> Suhu Dingin	2,98	1,91	1,45	0,37	1,68
<i>Edible coating</i> 5% Pati Singkong Suhu Dingin	3,78	3,69	3,19	2,30	3,24
<i>Edible coating</i> 10% Pati Singkong Suhu Dingin	5,38	3,41	3,17	1,73	3,42
<i>Edible coating</i> 5% Pati Singkong + 5 ml Argentum Suhu Dingin	1,15	3,12	4,44	1,91	3,91
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Dingin	5,46	4,48	3,01	1,05	3,50
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Dingin	5,29	4,79	3,89	2,09	4,02

Tabel 12. Nilai Rata-rata Total Padatan Terlarut Paprika Merah Selama Penyimpanan

Perlakuan	Total Padatan Terlarut				Rata-rata
	Hari 1	Hari 6	Hari 11	Hari 16	
Tanpa <i>Edible coating</i> Suhu Ruang	8,60	8,90	10,20	17,40	11,28
<i>Edible coating</i> 5% Pati Singkong Suhu Ruang	8,20	8,70	10,70	21,00	12,15
<i>Edible coating</i> 10% Pati Singkong Suhu Ruang	7,20	8,60	9,10	17,70	10,65
<i>Edible coating</i> 5% Pati Singkong + 5 ml Argentum Suhu Ruang	7,90	10,70	8,90	22,90	12,60
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Ruang	7,50	9,20	11,00	13,60	10,33
Tanpa <i>Edible coating</i> Suhu Dingin	6,10	7,60	9,40	13,00	9,03
<i>Edible coating</i> 5% Pati Singkong Suhu Dingin	7,80	8,90	7,60	8,40	8,18
<i>Edible coating</i> 10% Pati Singkong Suhu Dingin	6,80	7,70	7,00	10,00	7,88
<i>Edible coating</i> 5% Pati Singkong + 5 ml Argentum Suhu Dingin	8,20	8,10	8,60	8,70	8,40
<i>Edible coating</i> 10% Pati Singkong + 5 ml Argentum Suhu Dingin	7,30	8,90	8,10	9,40	8,43



Lampiran 2. Hasil Analisis Statistik Pengukuran Warna Nilai L* Paprika Merah Selama Penyimpanan

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Warna_L_Hari_1	Between Groups	33,330	9	3,703	24,501	.000
	Within Groups	1,511	10	.151		
	Total	34,841	19			
Warna_L_Hari_6	Between Groups	14,851	9	1,650	.738	.670
	Within Groups	22,344	10	2,234		
	Total	37,195	19			
Warna_L_Hari_1 1	Between Groups	155,373	9	17,264	12,473	.000
	Within Groups	13,841	10	1,384		
	Total	169,214	19			
Warna_L_Hari_1 6	Between Groups	806,349	9	89,594	42,842	.000
	Within Groups	20,913	10	2,091		
	Total	827,262	19			

Hari Ke-1

Warna_L_Hari_1						
Duncan ^a						
		Subset for alpha = 0.05				
Perlakuan	N	1	2	3	4	5
Edible coating 10% Pati Singkong suhu dingin	2	28,3500				
Edible coating 10% Pati Singkong suhu dingin	2		30,2800			
Edible coating 10% Pati Singkong suhu dingin	2		30,5150			



<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2		31,1050	31,1050		
suhu dingin tanpa <i>edible coating</i>	2		31,1350	31,1350		
suhu ruang tanpa <i>edible coating</i>	2			31,9200	31,9200	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2				32,0450	
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2				32,1150	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2				32,3850	32,3850
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2					33,1600
Sig.		1.000	.067	.073	.290	.074

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 2.000.

Hari Ke-6

Warna_L_Hari_6		
Duncan ^a		
Perlakuan	N	Subset for alpha = 0.05 1
suhu dingin tanpa <i>edible coating</i>	2	28,2600
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	28,3700
Singkong + 5 ml	2	29,0450
Singkong + 5 ml	2	29,4700



<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	29,9850
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	30,0050
suhu ruang tanpa <i>edible coating</i>	2	30,2550
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	30,2750
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	30,7350
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	30,8050
Sig.		.152
Means for groups in homogeneous subsets are displayed. a. Uses Harmonic Mean Sample Size = 2.000.		

Hari Ke-11

Warna_L_Hari_11						
Duncan ^a						
Perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	13,9100				
suhu ruang tanpa <i>edible coating</i>	2	14,9600	14,9600			
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	16,6300	16,6300	16,6300		
	2		16,9300	16,9300		
	2			18,3000	18,3000	
	2				20,1350	20,1350



<i>Edible coating</i> 10% Pati Singkong suhu dingin	2				20,5500	20,5500
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2				20,9200	20,9200
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2					21,7600
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2					22,3650
Sig.		.051	.141	.205	.064	.112
Means for groups in homogeneous subsets are displayed. a. Uses Harmonic Mean Sample Size = 2.000.						

Hari Ke-16

Warna_L_Hari_16			
Duncan ^a			
Perlakuan	N	Subset for alpha = 0.05	
		1	2
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	15,8050	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	16,9350	
suhu ruang tanpa <i>edible coating</i>	2	17,1200	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	17,5850	
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	19,0600	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2		29,1150
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2		29,4650



<i>Edible coating 5% Pati Singkong suhu dingin</i>	2		29,7750
<i>Edible coating 10% Pati Singkong + 5 ml argentum suhu dingin</i>	2		30,4800
<i>Edible coating 10% Pati Singkong suhu dingin</i>	2		30,5950
Sig.		.065	.367
Means for groups in homogeneous subsets are displayed.			
a. Uses Harmonic Mean Sample Size = 2.000.			

Lampiran 3. Hasil Analisis Statistik Pengukuran Warna Nilai a* Paprika Merah Selama Penyimpanan

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Warna_a_Hari_1	Between Groups	117,104	9	13,012	1,925	.161
	Within Groups	67,592	10	6,759		
	Total	184,696	19			
Warna_a_Hari_6	Between Groups	115,358	9	12,818	2,490	.086
	Within Groups	51,482	10	5,148		
	Total	166,839	19			
Warna_a_Hari_1 1	Between Groups	1092,397	9	121,377	3,225	.041
	Within Groups	376,382	10	37,638		
	Total	1468,779	19			
Warna_a_Hari_1 6	Between Groups	5215,789	9	579,532	53,269	.000
	Within Groups	108,794	10	10,879		
	Total	5324,583	19			



Hari Ke-1

Warna_a_Hari_1			
Duncan ^a		Subset for alpha = 0.05	
Perlakuan	N	1	2
suhu dingin tanpa <i>edible coating</i>	2	26,0400	
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	26,0450	
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	27,1200	27,1200
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	27,2300	27,2300
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	27,7200	27,7200
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	30,1550	30,1550
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	30,8950	30,8950
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	31,1950	31,1950
suhu ruang tanpa <i>edible coating</i>	2	32,2700	32,2700
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2		32,5300
Sig.		.057	.090
Means for groups in homogeneous subsets are displayed.			
Sample Size = 2.000.			



Hari Ke-6

Warna_a_Hari_6			
Duncan ^a			
Perlakuan	N	Subset for alpha = 0.05	
		1	2
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	28,1600	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	28,7000	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	28,7750	
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	28,9150	
suhu dingin tanpa <i>edible coating</i>	2	29,3950	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	30,3800	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	30,7850	30,7850
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	31,5500	31,5500
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	33,7950	33,7950
suhu ruang tanpa <i>edible coating</i>	2		36,0150
Sig.		.050	.057
Means for groups in homogeneous subsets are displayed.			
a. Uses Harmonic Mean Sample Size = 2.000.			



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Warna_a_Hari_11

N	Subset for alpha = 0.05		
	1	2	3

<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	30.6250		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	41.8600	41.8600	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2		45.7400	45.7400
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2		46.3400	46.3400
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2		48.8850	48.8850
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2		50.8100	50.8100
suhu ruang tanpa <i>edible coating</i>	2		52.8100	52.8100
suhu dingin tanpa <i>edible coating</i>	2		53.0250	53.0250
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2		54.7950	54.7950
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2			57.8100
Sig.		.097	.086	.105
Means for groups in homogeneous subsets are displayed. a. Uses Harmonic Mean Sample Size = 2.000.				

Hari Ke-16

Warna_a_Hari_16				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>Edible coating</i> 10% Pati Singkong	2	28.1000		
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	28.9850		



<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	29.3100		
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	29.9250		
suhu dingin tanpa <i>edible coating</i>	2		39.5050	
suhu ruang tanpa <i>edible coating</i>	2			59.9400
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2			61.9050
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2			62.9650
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2			63.0950
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			66.0250
Sig.		.616	1.000	.121
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				

Lampiran 4. Hasil Analisis Statistik Pengukuran Warna Nilai b* Paprika Merah Selama Penyimpanan

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Warna_b_Hari_1	Between Groups	9.732	9	1.081	3.582	.030
	Within Groups	3.019	10	.302		
	Total	12.750	19			
Warna_b_Hari_6	Between Groups	38.806	9	4.312	17.682	.000
	Within Groups	2.439	10	.244		
	Total	41.244	19			
Warna_b_Hari_12	Between Groups	207.110	9	23.012	2.176	.121
	Within Groups	105.753	10	10.575		
	Total	312.863	19			
Warna_b_Hari_18	Between Groups	105.018	9	11.669	1.372	.314
	Within Groups					
	Total					



i_16	Within Groups	85.067	10	8.507		
	Total	190.085	19			



Hari Ke-1

Warna_b_Hari_1				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu ruang	2	7.2700		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	7.6300	7.6300	
suhu ruang tanpa <i>edible coating</i>	2	7.6550	7.6550	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	7.8750	7.8750	
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	7.8800	7.8800	
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu dingin	2	8.3800	8.3800	8.3800
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	8.5250	8.5250	8.5250
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2		8.9750	8.9750
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2			9.2800
suhu dingin tanpa <i>edible coating</i>	2			9.3550
Sig.		.066	.051	.134
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				



Hari Ke-6

Warna_b_Hari_6				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu ruang	2	6.7450		
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	7.1200		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	7.2050		
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu dingin	2	7.3050		
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	7.5100		
suhu dingin tanpa <i>edible coating</i>	2		8.7200	
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2		8.7650	
suhu ruang tanpa <i>edible coating</i>	2		9.0550	
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2		9.1150	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			11.6400
Sig.		.184	.472	1.000
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				



Hari Ke-11

Warna_b_Hari_11				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	5.1800		
suhu ruang tanpa <i>edible coating</i>	2	7.6300	7.6300	
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu ruang	2	9.9950	9.9950	9.9950
suhu dingin tanpa <i>edible coating</i>	2	12.0500	12.0500	12.0500
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2		13.1500	13.1500
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu dingin	2		13.4550	13.4550
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2		13.9800	13.9800
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2		14.0600	14.0600
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2		14.7800	14.7800
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2			15.8200
Sig.		.077	.076	.135
Means for groups in homogeneous subsets are displayed.				
 Sample Size = 2.000.				

Hari Ke-16

Warna_b_Hari_16			
Duncan ^a		Subset for alpha = 0.05	
Perlakuan	N	1	2
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	4.8050	
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	7.7450	7.7450
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu dingin	2	7.9650	7.9650
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	7.9850	7.9850
suhu dingin tanpa <i>edible coating</i>	2	8.2800	8.2800
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	8.4200	8.4200
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	8.7000	8.7000
<i>Edible coating</i> 5% Pati Singkong +5 ml argentum suhu ruang	2	10.4800	10.4800
suhu ruang tanpa <i>edible coating</i>	2	11.9200	11.9200
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2		13.4250
Sig.		.054	.109
Means for groups in homogeneous subsets are displayed.			
a. Uses Harmonic Mean Sample Size = 2.000.			



Lampiran 5. Hasil Analisis Statistik Pengukuran Susut Bobot Paprika Merah Selama Penyimpanan

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Susut_Bobot_Hari_1	Between Groups	40.988	9	4.554	22.536	.000
	Within Groups	2.021	10	.202		
	Total	43.009	19			
Susut_Bobot_Hari_6	Between Groups	1380.164	9	153.352	53.284	.000
	Within Groups	28.780	10	2.878		
	Total	1408.944	19			
Susut_Bobot_Hari_11	Between Groups	4165.003	9	462.778	208.892	.000
	Within Groups	22.154	10	2.215		
	Total	4187.157	19			
Susut_Bobot_Hari_16	Between Groups	10070.088	9	1118.899	94.391	.000
	Within Groups	118.538	10	11.854		
	Total	10188.627	19			

Hari Ke-1

Susut_Bobot_Hari_1							
Duncan ^a							
		Subset for alpha = 0.05					
Perlakuan	N	1	2	3	4	5	6
Edible coating 10% Pati Singkong + 5 ml argentum suhu dingin	2	1.5800					
	2	1.8850	1.8850				
	2	2.4300	2.4300				



<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2		2.8150	2.8150			
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2		2.8950	2.8950			
suhu dingin tanpa <i>edible coating</i>	2			3.7850	3.7850		
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2				4.1000	4.1000	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2				4.5950	4.5950	
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2					4.9900	
suhu ruang tanpa <i>edible coating</i>	2						6.3950
Sig.		.101	.062	.066	.116	.088	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Hari Ke-6

Susut_Bobot_Hari_6					
Duncan ^a					
Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	4.3200			
	2	4.3750			
Singkong	2	5.7750			
Singkong	2	6.1200			



suhu dingin tanpa <i>edible coating</i>	2		12.6150		
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2			20.7250	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			20.8400	
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2			22.1050	22.1050
suhu ruang tanpa <i>edible coating</i>	2			23.0350	23.0350
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2				25.6550
Sig.		.345	1.000	.233	.073

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 2.000.

Hari Ke-11

Susut_Bobot_Hari_11					
Duncan ^a					
Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	7.0100			
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	7.4700			
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	8.6000			
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	9.7200			
suhu dingin tanpa <i>edible coating</i>	2		19.8950		
	2		22.1050		
Singkong	2			36.5650	
Singkong uang	2			36.5700	



<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2				43.2400
suhu ruang tanpa <i>edible coating</i>	2				43.3900
Sig.		.120	.168	.997	.922
Means for groups in homogeneous subsets are displayed.					
a. Uses Harmonic Mean Sample Size = 2.000.					

Hari Ke-16

Susut_Bobot_Hari_16						
Duncan ^a						
Perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	11.1450				
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	11.5200				
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	13.9950				
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	14.5400				
suhu dingin tanpa <i>edible coating</i>	2		27.8950			
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			52.8450		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			55.9900		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			57.5200	57.5200	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2				64.4000	64.4000



Edible coating 5% Pati Singkong + 5 ml argentum suhu ruang	2					65.6400
Sig.		.379	1.000	.224	.074	.726
Means for groups in homogeneous subsets are displayed.						
a. Uses Harmonic Mean Sample Size = 2.000.						

Lampiran 6. Hasil Analisis Statistik Pengukuran Kekerasan Paprika Merah Selama Penyimpanan

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Kekerasan_Hari_1	Between Groups	44.944	9	4.994	5.524	.007
	Within Groups	9.039	10	.904		
	Total	53.983	19			
Kekerasan_Hari_6	Between Groups	28.614	9	3.179	4.105	.019
	Within Groups	7.745	10	.775		
	Total	36.359	19			
Kekerasan_Hari_11	Between Groups	26.719	9	2.969	12.623	.000
	Within Groups	2.352	10	.235		
	Total	29.071	19			
Kekerasan_Hari_16	Between Groups	9.026	9	1.003	5.313	.008
	Within Groups	1.888	10	.189		
	Total	10.914	19			



Hari Ke-1

Kekerasan_Hari_1				
Duncan ^a		Subset for alpha = 0.05		
Perlakuan	N	1	2	3
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu ruang	2	1.6200		
<i>edible coating</i> 5% pati singkong suhu ruang	2	2.5650		
suhu ruang tanpa <i>edible coating</i>	2	2.6650		
<i>edible coating</i> 10% pati singkong suhu ruang	2	2.7500		
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu ruang	2	2.8850		
suhu dingin tanpa <i>edible coating</i>	2	3.7800	3.7800	
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu dingin	2		5.2850	5.2850
<i>edible coating</i> 5% pati singkong suhu dingin	2		5.3850	5.3850
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu dingin	2		5.4600	5.4600
<i>edible coating</i> 10% pati singkong suhu dingin	2			6.1500
Sig.		.066	.130	.415
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				

Hari Ke-6

Kekerasan_Hari_6					
Duncan ^a		Subset for alpha = 0.05			
Perlakuan	N	1	2	3	4
suhu ruang tanpa <i>edible coating</i>	2	1.1600			
<i>edible coating</i> 5% pati singkong	2	1.2650	1.2650		
 uang					
singkong	2	1.9100	1.9100	1.9100	
uang					
singkong	2	2.1500	2.1500	2.1500	



<i>edible coating</i> 10% pati singkong suhu ruang	2	2.6900	2.6900	2.6900	2.6900
<i>edible coating</i> 10% pati singkong suhu dingin	2	3.1250	3.1250	3.1250	3.1250
<i>edible coating</i> 5% pati singkong suhu dingin	2		3.4100	3.4100	3.4100
suhu dingin tanpa <i>edible coating</i>	2			3.6850	3.6850
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu dingin	2				4.4850
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu dingin	2				4.7950
Sig.		.070	.051	.096	.055

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Hari Ke-11

Kekerasan_Hari_11				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>edible coating</i> 10% pati singkong suhu ruang	2	1.1500		
<i>edible coating</i> 5% pati singkong suhu ruang	2	1.2700		
suhu ruang tanpa <i>edible coating</i>	2	1.4450		
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu ruang	2	1.4500		
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu ruang	2	1.5300		
<i>edible coating</i> 5% pati singkong + 5 ml	2		3.0150	
ingkong suhu	2		3.1700	
e coating	2		3.1950	
singkong + 5 ml	2		3.8950	3.8950



<i>edible coating</i> 10% pati singkong suhu dingin	2			4.4350
Sig.		.485	.121	.292
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				

Hari Ke-16

Kekerasan_Hari_16					
Duncan ^a					
Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu ruang	2	.3650			
suhu ruang tanpa <i>edible coating</i>	2	.6200			
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu ruang	2	.6300			
<i>edible coating</i> 10% pati singkong suhu ruang	2	.7050	.7050		
<i>edible coating</i> 5% pati singkong suhu ruang	2	.8750	.8750		
<i>edible coating</i> 5% pati singkong + 5 ml argentum suhu dingin	2	1.0500	1.0500	1.0500	
<i>edible coating</i> 5% pati singkong suhu dingin	2		1.7250	1.7250	1.7250
<i>edible coating</i> 10% pati singkong suhu dingin	2			1.9150	1.9150
<i>edible coating</i> 10% pati singkong + 5 ml argentum suhu dingin	2				2.0900
suhu dingin tanpa <i>edible coating</i>	2				2.3000
Sig.		.180	.053	.086	.245
Means for groups in homogeneous subsets are displayed.					
a. Uses Harmonic Mean Sample Size = 2.000.					



ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Total_Padatan_Terlarut_Hari_1	Between Groups	9.732	9	1.081	1.184	.395
	Within Groups	9.130	10	.913		
	Total	18.862	19			
Total_Padatan_Terlarut_Hari_6	Between Groups	14.118	9	1.569	2.614	.075
	Within Groups	6.000	10	.600		
	Total	20.118	19			
Total_Padatan_Terlarut_Hari_11	Between Groups	30.100	9	3.344	1.988	.150
	Within Groups	16.825	10	1.683		
	Total	46.926	19			
Total_Padatan_Terlarut_Hari_16	Between Groups	499.481	9	55.498	6.651	.003
	Within Groups	83.445	10	8.345		
	Total	582.926	19			

Hari Ke-1

Total_Padatan_Terlarut_Hari_1			
Duncan ^a			
Perlakuan	N	Subset for alpha = 0.05	
		1	2
suhu dingin tanpa <i>edible coating</i>	2	6.1000	
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	6.8000	6.8000
<i>Edible coating</i> 10% Pati Singkong suhu	2	7.1500	7.1500
Singkong + 5 ml	2	7.2500	7.2500
Singkong + 5 ml	2	7.5000	7.5000



<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	7.7500	7.7500
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	7.8500	7.8500
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	8.1500	8.1500
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	8.1500	8.1500
suhu ruang tanpa <i>edible coating</i>	2		8.6000
Sig.		.082	.119

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 2.000.

Hari Ke-6

Total_Padatan_Terlarut_Hari_6			
Duncan ^a			
Perlakuan	N	Subset for alpha = 0.05	
		1	2
suhu dingin tanpa <i>edible coating</i>	2	7.5500	
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	7.7000	
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	8.1000	
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	8.5500	
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2	8.6500	
suhu ruang tanpa <i>edible coating</i>	2	8.8500	8.8500
Pati Singkong suhu	2	8.9000	8.9000
Pati Singkong + 5 ml argentum suhu dingin	2	8.9000	8.9000



<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	9.2000	9.2000
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2		10.7000
Sig.		.084	.053
Means for groups in homogeneous subsets are displayed. a. Uses Harmonic Mean Sample Size = 2.000.			

Hari Ke-11

Total_Padatan_Terlarut_Hari_11				
Duncan ^a				
		Subset for alpha = 0.05		
Perlakuan	N	1	2	3
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	7.0000		
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	7.6000	7.6000	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	8.0500	8.0500	8.0500
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	8.6000	8.6000	8.6000
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	8.8500	8.8500	8.8500
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2	9.1000	9.1000	9.1000
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	9.4000	9.4000	9.4000
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2	10.1500	10.1500	10.1500
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2		10.6500	10.6500



<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2			10.9500
Sig.		.054	.060	.072
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				

Hari Ke-16

Total_Padatan_Terlarut_Hari_16				
Duncan ^a				
Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
<i>Edible coating</i> 5% Pati Singkong suhu dingin	2	8.4000		
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu dingin	2	8.7000		
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu dingin	2	9.4000		
<i>Edible coating</i> 10% Pati Singkong suhu dingin	2	9.9500		
suhu dingin tanpa <i>edible coating</i>	2	13.0000	13.0000	
<i>Edible coating</i> 10% Pati Singkong + 5 ml argentum suhu ruang	2	13.5500	13.5500	
suhu ruang tanpa <i>edible coating</i>	2		17.3500	17.3500
<i>Edible coating</i> 10% Pati Singkong suhu ruang	2		17.6500	17.6500
<i>Edible coating</i> 5% Pati Singkong suhu ruang	2			21.0000
<i>Edible coating</i> 5% Pati Singkong + 5 ml argentum suhu ruang	2			22.8500
Sig.		.135	.164	.106
Means for groups in homogeneous subsets are displayed.				
a. Uses Harmonic Mean Sample Size = 2.000.				



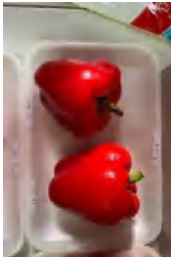
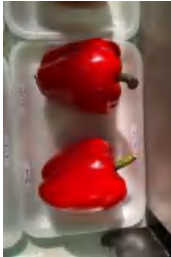
Lampiran 8. Dokumentasi Penelitian



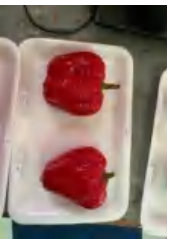
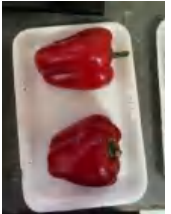
Gambar 8. Pengukuran parameter penelitian.



Tabel 13. Dokumentasi Sampel Paprika Merah pada Hari Ke-1

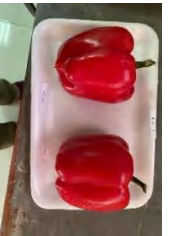
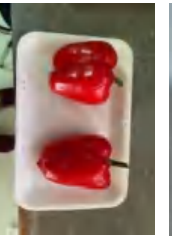
Suhu Penyimpanan	Perlakuan				
	Tanpa Edible Coating	Edible Coating 5% Pati Singkong	Edible Coating 10% Pati Singkong	Edible Coating 5% Pati Singkong + 5 ml Argentum	Edible Coating 10% Pati Singkong + 5 ml Argentum
Suhu Ruang					
Suhu Dingin					

Tabel 14. Dokumentasi Sampel Paprika Merah pada Hari Ke-6

Suhu Penyimpanan	Perlakuan				
	Tanpa Edible Coating	Edible Coating 5% Pati Singkong	Edible Coating 10% Pati Singkong	Edible Coating 5% Pati Singkong + 5 ml Argentum	Edible Coating 10% Pati Singkong + 5 ml Argentum
Suhu Ruang					
					



Tabel 15. Dokumentasi Sampel Paprika Merah pada Hari Ke-11

Suhu Penyimpanan	Perlakuan				
	Tanpa Edible Coating	Edible Coating 5% Pati Singkong	Edible Coating 10% Pati Singkong	Edible Coating 5% Pati Singkong + 5 ml Argentum	Edible Coating 10% Pati Singkong + 5 ml Argentum
Suhu Ruang					
Suhu Dingin					

Tabel 16. Dokumentasi Sampel Paprika Merah pada Hari Ke-16

Suhu Penyimpanan	Perlakuan				
	Tanpa Edible Coating	Edible Coating 5% Pati Singkong	Edible Coating 10% Pati Singkong	Edible Coating 5% Pati Singkong + 5 ml Argentum	Edible Coating 10% Pati Singkong + 5 ml Argentum
Suhu Ruang					
					



DAFTAR RIWAYAT HIDUP

A. Data Pribadi

1. Nama : Muhammad Nabil Putra Effendy
2. Tempat, tgl. lahir : Cakke, 29 September 2000
3. Alamat : Jl Perintis Kemerdekaan VII No.44B
4. Kewarganegaraan : Warga Negara Indonesia

B. Riwayat Pendidikan

1. Tamat SLTA tahun 2018 di MAN 2 MODEL MAKASSAR
2. Sarjana (S1) tahun 2024 di Universitas Hasanuddin

C. Pekerjaan dan Riwayat Pekerjaan/Organisasi

1. Jenis Organisasi :
 - Himupunan Mahasiswa Teknologi Pertanian
 - BEM KEMA FAPERTA UNHAS
2. Pangkat/Jabatan :
 - Koordinator Hubungan Antar Lembaga (2020-2021)
 - Koordinator Biro Penelitian dan Pengembangan (2021-2022)
 - Wakil Presiden BEM KEMA FAPERTA UNHAS (2022)

