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20 April - 22 July 2020

Demo Plot # 9

Crops : C a b b a g e

**Location of Demo Plot : SMK - PPN, Cikole
Lembang, West Java - Indonesia**

by Google Maps

<https://maps.google.com/?q=-6.857687.107.659846>



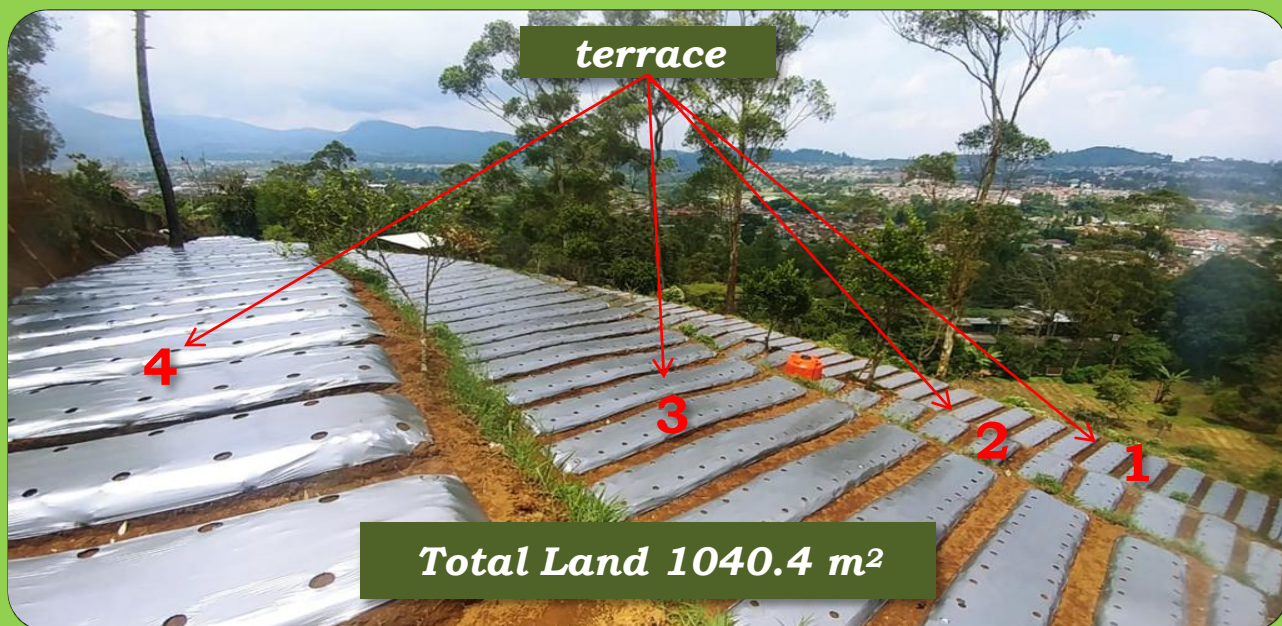
C a b b a g e

Land Preparation

5 – 19 April. 2020

Basic fertilizer :
Chicken Manure
Vermicompost
Mutiara (N P K) - Mikrotan
Urea – TSP - KCL
Rock Pospat - Dolomit
Soil Conditioner





Land Area per Plot (m²)

	KONV.	INTEG.	ORGANIC	TOTAL
Terrace 1	140.9	137.9	137.7	416.5
Terrace 2	90.4	91.9	91.9	274.2
Terrace 3	82.3	77.4	80.6	240.3
Terrace 4	33.6	38.8	37.0	109.4
TOTAL	347.2	346.0	347.2	1040.4

Basic fertilizers			
Type	Plot		
	Konventional	Integrated	Organic
..... Ton / ha			
Chicken Manure	86.5	86.5	86.5
Vermikompost	-	5.4	12.9
Dolomit	1.92	1.93	3.22
Rock Pospat	-	-	0.43
NPK Mutiara	0.48	0.29	-
Urea	0.29	-	-
KCL	0.29	-	-
TSP	0.43	0.29	-
..... Kg / ha			
Mikrotan	76.89	-	-
Humic Acid 85 %	-	4.34	6.34
Herbagreen Z20	-	-	3.17



Maintenance fertilizer :

**Mutiara (N P K) - Growmate
Organic fertilizer
Pesticide**

**F 1 – Green Coronet : 2 Packs
Plant. Dist. : 60 X 50 cm
Konvensional : 1023 Plants
Integrated : 1201 Plants
Organic : 1420 Plants**



C a b b a g e

P l a n t i n g

20 April. 2020 (0 DAP)





Cabbage
Maintenance
5 May 2020 (15 DAP)

use of fertilizers and pesticides in maintenance

Type	Plot		
	Konventional	Integrated	Organic
 Kg / ha		
NPK Mutiara	288.35	216.26	-
Humic Acid 85 %	-	3.84	7.69
Herbagreen Protect F	-	3.76	5.02
Herbagreen Z20	-	3.22	4.3
 Ltr / ha		
Growmate	9.61	-	-
Acele	9.61	-	-
Herbagreen Fluisan	-	0.07	0.07
 Kg / ha		
Antrachol 70 WP	38.45	-	-
Dithane 80 WP	19.22	19.22	-
Proclaim 5 SG	0.48	0.24	-
Siklon 5.7 WG	0.24	0.12	-
Orthene 75 SP	0.961	0.961	-
 Ltr / ha		
Curacron 500 EC	4.81	4.81	-
Agrimec 18 EC	28.84	9.61	-
Bactocyn 150 AL	1.92	-	-
Pestisida Nabati	-	-	19.22
Booster	2.4	2.4	-
Herbagreen Protect V	-	-	2.69





C a b b a g e
Observation Data
20 May 2020 (30 DAP)

Plant Height

	Plant Height (cm)					
	Plot					
	Konvensional		Integrated		Organic	
	15	30	15	30	15	30
..... day after planting						
1	9.5	16.0	7.0	14.0	12.5	16.0
2	12.0	14.0	8.5	14.0	9.0	17.0
3	8.0	14.0	8.0	14.0	8.0	13.5
4	10.0	15.0	8.0	14.0	10.0	16.5
5	7.5	12.0	8.0	15.0	9.0	17.0
6	8.0	15.0	8.0	13.0	9.0	15.5
7	7.5	14.0	9.5	16.0	7.0	15.0
8	7.5	13.0	9.0	13.0	10.0	16.0
	8.8	14.1	8.3	14.1	9.3	15.8

Number of Leaves

	Number of Leaves					
	Plot					
	Konvensional		Integrated		Organic	
	15	30	15	30	15	30
..... day after planting						
1	9.0	15.0	5.0	12.0	9.0	15.0
2	9.0	15.0	9.0	14.0	10.0	15.0
3	6.0	14.0	8.0	15.0	8.0	13.0
4	7.0	14.0	7.0	14.0	8.0	14.0
5	8.0	14.0	8.0	14.0	7.0	13.0
6	7.0	14.0	10.0	14.0	8.0	14.0
7	6.0	14.0	8.0	15.0	7.0	14.0
8	9.0	16.0	8.0	15.0	8.0	14.0
	7.6	14.5	7.9	14.1	9.3	14.0



Konventional (sampling 1 – 8)



Integrated (sampling 1 – 8)



Organic (sampling 1 – 8)



C a b b a g e
Observation Data Photos
20 May 2020 (30 DAP)





C a b b a g e

M a i n t e n a n c e

9 Juni 2020 (50 DAP)

Terrace 1



Terrace 2

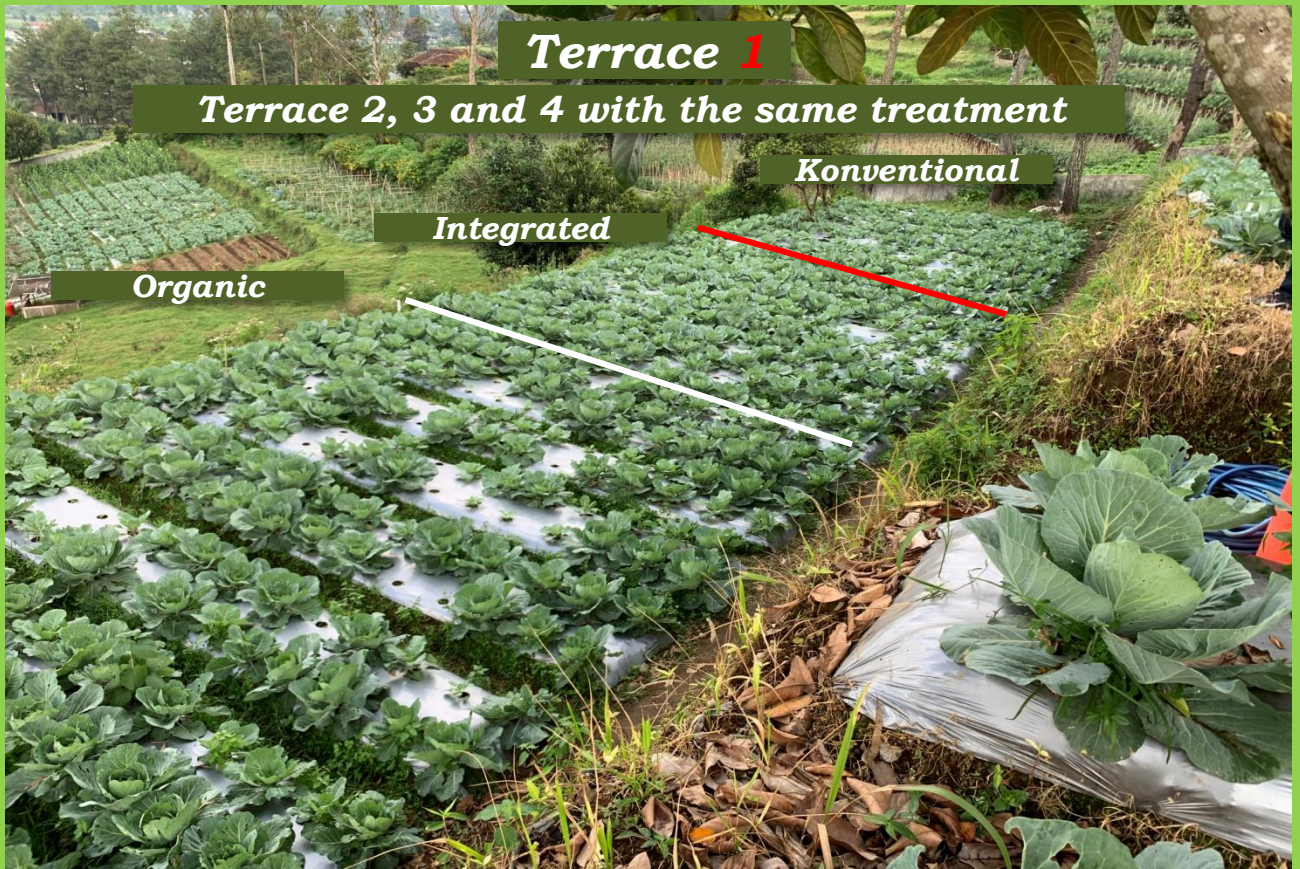


Terrace 3



Terrace 4





Organic

Integrated



Integrated

Konventional

C a b b a g e

M a i n t e n a n c e

9 Juni 2020 (50 DAP)

Cabbage

Statistical Test (Plant Height - 30 DAP)

Konv. VS Organic

Group Statistics

Plot1	N	Mean	Std. Deviation	Std. Error Mean
Height_30HST Conventional	8	14,1250	1,24642	,44068
Organic	8	15,8125	1,16305	,41120

Independent Samples Test

		Levene's Test for Equality of Variances				t-test for Equality of Means		95% Confidence Interval of the Difference		
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Height_30HST	Equal variances assumed	,016	,902	-2,800	14	,014	-1,68750	,60273	-2,98022	-,39478
	Equal variances not assumed			-2,800	13,933	,014	-1,68750	,60273	-2,98080	-,39420

T-TEST GROUPS=Plot2(1 2)
/MISSING=ANALYSIS
/VARIABLES=Height_30HST
/CRITERIA=CI (.95).

Konv. VS Integ.

T-Test

Group Statistics

Plot2	N	Mean	Std. Deviation	Std. Error Mean
Height_30HST Conventional	8	14,1250	1,24642	,44068
Integrated	8	14,1250	,99103	,35038

Independent Samples Test

		Levene's Test for Equality of Variances				t-test for Equality of Means		95% Confidence Interval of the Difference		
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Height_30HST	Equal variances assumed	,362	,557	,000	14	1,000	,00000	,56300	-1,20751	1,20751
	Equal variances not assumed			,000	13,323	1,000	,00000	,56300	-1,21328	1,21328

Integ. VS Organic

T-Test

Group Statistics

Plot2	N	Mean	Std. Deviation	Std. Error Mean
Height_30HST Integrated	8	14,1250	,99103	,35038
Organic	8	15,8125	1,16305	,41120

Independent Samples Test

		Levene's Test for Equality of Variances				t-test for Equality of Means		95% Confidence Interval of the Difference		
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Height_30HST	Equal variances assumed	,249	,626	-3,124	14	,007	-1,68750	,54023	-2,84619	-,52881
	Equal variances not assumed			-3,124	13,656	,008	-1,68750	,54023	-2,84893	-,52607

Cabbage

Statistical Test (Num. Of Leaves - 30 DAP)

Konv. VS Organic

T-Test

Group Statistics

	Plot2	N	Mean	Std. Deviation	Std. Error Mean
Leaves_30HST	Conventional	8	14,5000	,75593	,26726
	Integrated	8	14,1250	,99103	,35038

Independent Samples Test

		Levene's Test for Equality of Variances					t-test for Equality of Means		95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Leaves_30HST	Equal variances assumed	,013	,912	,851	14	,409	,37500	,44068	-,57016	1,32016
	Equal variances not assumed			,851	13,085	,410	,37500	,44068	-,57639	1,32639

Konv. VS Integ.

T-Test

Group Statistics

	Plot2	N	Mean	Std. Deviation	Std. Error Mean
Leaves_30HST	Conventional	8	14,5000	,75593	,26726
	Organic	8	14,0000	,75593	,26726

Independent Samples Test

		Levene's Test for Equality of Variances					t-test for Equality of Means		95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Leaves_30HST	Equal variances assumed	,304	,590	1,323	14	,207	,50000	,37796	-,31065	1,31065
	Equal variances not assumed			1,323	14,000	,207	,50000	,37796	-,31065	1,31065

Integ. VS Organic

T-Test

Group Statistics

	Plot2	N	Mean	Std. Deviation	Std. Error Mean
Leaves_30HST	Integrated	8	14,1250	,99103	,35038
	Organic	8	14,0000	,75593	,26726

Independent Samples Test

		Levene's Test for Equality of Variances					t-test for Equality of Means		95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
Leaves_30HST	Equal variances assumed	,252	,624	,284	14	,781	,12500	,44068	-,82016	1,07016
	Equal variances not assumed			,284	13,085	,781	,12500	,44068	-,82639	1,07639

Cabbage

Harvest

15 July 2020 (84 DAP)



**Konventional
Gross # 1**



**Integrated
Gross # 1**



**Organic
Gross # 1**

Harvest Weight						
	Plot					
	Konventional		Integrated		Organic	
 Kg					
	Gross	Net	Gross	Net	Gross	Net
1	3.07	2.07	1.24	0.83	2.25	0.39
2	3.35	1.60	2.59	1.92	1.84	1.42
3	1.78	1.27	2.34	1.77	2.77	1.91
4	2.07	1.48	2.13	1.38	2.08	1.63
5	2.36	1.66	2.28	1.93	1.24	1.38
6	3.10	1.30	1.86	0.95	2.63	1.39
7	2.11	1.40	3.68	1.91	2.50	2.19
8	3.07	1.38	2.22	1.70	2.17	0.88
	2.61	1.52	2.29	1.55	2.19	1.40



C a b b a g e

Problems from the Start of Planting – to Harvest

Replanting (14 DAP)



high rainfall at the beginning of planting, caterpillar attack, lepidiota stigma, gastropoda (naked snails), seed mortality 30 % in 14 day after planting, across all plots

Caterpillar, lepidiota stigma, (7 - 14 DAP)



lepidiota stigma (uret) and gastropoda (naked snails) Attack in all plot, 7 – 14 DAP, attack rate up to 20 %



C a b b a g e

Problems from the Start of Planting – to Harvest

*Loss of crop weight due to damage to fruit
by plutella xylostella (40 – 84 DAP))*



***plutella attack since 40 DAP (15%), peaks at 50 DAP (50%),
attacks decrease at 70 DAP (20%) and lasts until harvest***

***LOST of HARVEST WEIGHT due to plutela reaches 25 – 30% in
Integrated and Konventional plots, BUT in Organics Plots the
loss of harvest weight can reach 40%***

C a b b a g e

Summary of Results Data

<i>Harvest & Cost Data</i>	<i>Konventional</i>	<i>Integrated</i>	<i>Organic</i>
<i>Population (plants)</i>	1023	1201	1420
<i>Harvested Pop. (plants)</i>	961	1102	1286
<i>% Harvested Population</i>	93.9	91.8	90.6
<i>Total Yield (kg)</i>	967*	980*	1138*
<i>Yield per ha (ton)</i>	27.9	28.6	32.8
Income 3085 kg X Rp. 2,000.- = Rp. 6,170,000.-			
<i>Land Preparation Costs(Rp.)</i>	3,610,750	3,655,015	4,222,649
<i>Maintenance Costs (Rp.)</i>	2,252,500	1,763,375	1,748,943
<i>Total Cost (Rp.)</i>	5,863,250	5,418,390	5,971,592
<i>Yield per plant (kg)</i>	0.95	0.86	0.80
<i>Cost per Plant (Rp.)</i>	5,731	4,511	4,205
<i>Cost (Rp./ha/year)</i>			
<i>Profit (Rp./ha/year)</i>			

* *The harvest weight in the condition :
the plutella affected part has been removed and is ready to sell*



*Harvest
Condition*

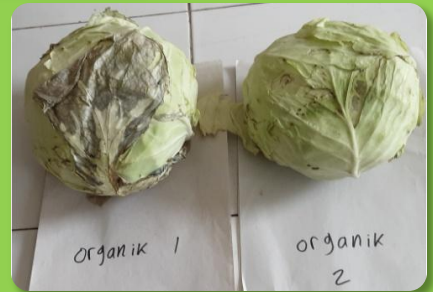
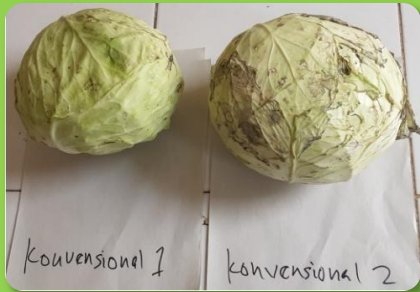


Ready to Sell

Cabbage

Post Harvest (ph) Data

Condition 14 days post harvest



	Konventional		Integrated		Organic	
	K - 1	K - 2	I - 1	I - 2	O - 1	O - 2
0 dph	1913	2186	1928	1917	2070	1662
14 dph	1705	1908	1669	1684	1833	1400
	Lose weight					
	10.9 %	12.7 %	13.4 %	12.2 %	11,4 %	15.8 %



Land Preparation - Planting costs (without leasing land & labor)

9															
cabbage															
1040.2 M2															
3644 plants															
konvensional 347.2 M2				integrated 346 M2				organic 347.2 M2				TOTAL			
Q	Price	Rp.		Q	Price	Rp.		Q	Price	Rp.	Q	Rp.			
seed / Nursery	430	bbt	275	118,250	430	bbt	275	118,250	430	bbt	275	118,250	1,290	bbt	354,750
Mulsa	0.8	roll	650,000	541,667	0.8	roll	650,000	541,666.67	0.8	roll	650,000	541,667	2.5	roll	1,625,000
Vermicompost	-	kg	-	-	186	kg	1,000	186,350	447.2	kg	1,000	447,240	633.6	kg	633,590
chicken manure	4,500	kg	417	1,875,000	4,500	kg	417	1,875,000	4,500	kg	417	1,875,000	13,500	kg	5,625,000
Trichogramma	-	Schts	-	-	-	Schts	-	-	2.0	Schts	30,000	60,000	2	schts	60,000
Dolomit (kg)	67	kg	4,000	266,667	67	kg	4,000	266,800	111.8	kg	4,000	447,240	245.2	kg	980,707
Asam Humat (ltr)	1.0	btl	150,000	150,000	-	btl	-	-	-	btl	-	-	1.0	btl	150,000
humic acid	-	kg	-	-	0.15	kg	600,000	89,448	0.22	kg	600,000	134,172	0.37	kg	223,620
herbagreen Z20	-	kg	-	-	-	kg	-	-	0.11	kg	600,000	67,086	0.11	kg	67,086
Pospat Alam	-	kg	-	-	-	kg	-	-	14.9	kg	5,500	81,994	14.9	kg	81,994
urea	10	kg	2,500	25,000	-	kg	-	-	-	kg	-	-	10	kg	25,000
KCL	10	kg	8,000	80,000	-	kg	-	-	-	kg	-	-	10	kg	80,000
TSP	15	kg	7,500	112,500	15	kg	7,500	112,500	-	kg	-	-	30	kg	225,000
NPK Mutiara	17	kg	10,000	166,667	10	kg	10,000	100,000	-	kg	-	-	27	kg	266,667
Seed treatment :															
humic acid	-	kg	-	-	0.10	kg	600,000	60,000	0.10	kg	600,000	60,000	0.20	kg	120,000
HG Protect F	-	kg	-	-	0.05	kg	600,000	30,000	0.05	kg	600,000	30,000	0.10	kg	60,000
			3,335,750				3,380,015				3,862,649				10,578,413
Additional Needs :															
1. seed / Nursery	1,000	bbt	275	275,000	1,000	bbt	275	275,000	1,310	bbt	275	360,000	3310	bbt	910,000
			3,610,750				3,655,015				4,222,649				11,488,413

Maintenance Costs (without labor)

9															
cabbage															
1040.2 M2															
3644 plants															
konvensional 347.2 M2				integrated 346 M2				organic 347.2 M2				TOTAL			
Q	Price	Rp.		Q	Price	Rp.		Q	Price	Rp.	Q	Rp.			
NPK Mutiara	30	kg	10,000	300,000	22.5	kg	10,000	225,000	-	kg	-	-	52.50	kg	525,000
MIKROTAN	4	Pack	45,000	180,000	-	kg	-	-	-	kg	-	-	4	kg	180,000
Humic Acid	-	kg	-	-	0.40	kg	600,000	240,000	0.80	kg	600,000	480,000	1.20	kg	720,000
Penyemprotan															
Atonik (500 ML)	5	Btl	65,000	325,000	-	Btl	-	-	-	Btl	-	-	5	Btl	325,000
Herbagreen Z20	-	kg	-	-	0.34	kg	600,000	201,258	0.45	kg	600,000	268,344	0.78	kg	469,602
Herbagreen Protect F	-	kg	-	-	0.39	kg	600,000	234,801	0.52	kg	600,000	313,068	0.91	kg	547,869
Herbagreen Fluisan	-	kg	-	-	0.01	Ltr	4,000,000	29,816	0.01	Ltr	4,000,000	29,816	0.01	Ltr	59,632
Pesticides :															
1. Antracol 70 WP, 1 kg	1	kg	125,000	125,000	-	kg	-	-	-	kg	-	-	1	kg	125,000
2. Dithane 80 WP, 1 kg	1	kg	125,000	125,000	1	kg	125,000	125,000	-	kg	-	-	2	kg	250,000
3. Bactocyn 150 AL, 200 ML	1	Btl	80,000	80,000	-	Btl	-	-	-	Btl	-	-	1	Btl	80,000
4. Furadan 3 GR, 1 Kg	5	kg	22,500	112,500	3	kg	22,500	67,500	-	kg	-	-	8	kg	180,000
5. Agrimex 18 EC, 100 ML	3	Btl	190,000	570,000	1	Btl	190,000	190,000	-	Btl	-	-	4	Btl	760,000
6. Curacron 500 EC, 500 ML	1	Btl	150,000	150,000	1	Btl	150,000	150,000	-	Btl	-	-	2	Btl	300,000
7. Toxiput 5 GR, 250 gr	2	Schts	30,000	60,000	2	Schts	30,000	60,000	-	Schts	-	-	4	Schts	120,000
8. Gramoxone (litr)	1	Ltr	75,000	75,000	1	Ltr	75,000	75,000	-	Ltr	-	-	2	Ltr	150,000
9. Herbagreen Protect V	-	Ltr	-	-	-	Ltr	-	-	0.28	Ltr	600,000	167,715	0.28	Ltr	167,715
10. Pestsida Nabati	-	Ltr	-	-	-	Ltr	-	-	2.00	Ltr	200,000	400,000	2	Ltr	400,000
11. BOOSTER, 250 ML	1	Btl	75,000	75,000	1	Btl	75,000	75,000	-	Btl	-	-	2	Btl	150,000
			2,177,500				1,673,375				1,658,943				5,509,818
Additional Needs :															
1. Herbagreen Z20	-	-	-	-	0.15	kg	600,000	90,000	0.15	kg	600,000	90,000	0.3	kg	180,000
2. Booster, 250 ML	1	btl	75,000	75,000	-	-	-	-	-	-	-	-	1	Btl	75,000
			2,252,500				1,763,375				1,748,943				5,764,818

Application of Planting - Harvesting

Integrated & Organic

Time	Fertilization - Spraying			Immersed / Flush the fertilizer	Spraying of Pesticide and Fertilizer
	DAP	Immersed	Flush		
0 (Integrated)		Humic Acid 85 %			Humic acid : 0.100 kg (346 M2)
0 (Organic)					Humic acid : 0.100 kg (347.2 M2)
3 (Integrated)				HG Protect F (1) Single Spray	HG Protect F : 0.050 KG (346 M2)
3 (Organic)				HG Protect F (1) Mix Pesnab (1)	HG Protect F : 0.050 KG (347.2 M2) Mix Pesnab :
7 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 kg (346 M2) NPK Mutiara : 2.0 Kg	
7 - 1 (Organic)		Humic Acid 85 %		humic Acid : 0.080 kg (347.2)	
7 - 2 (Integ.)				HG Z20 (1) Mix 1 Incek + 1 Fungi	HG Z20 : 0.050 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
7 - 2 (Organik)				HG Z20 (1) Mix HG Protect V (1) Mix Pesnab (2)	HG Z20 : 0.050 KG (347.2 M2) Mix HG Protect V : 0.040 Ltr Mix Pesnab
14 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid 0.040 kg (346 M2) NPK Mutiara : 2.0 kg	
14 - 1 (Organic)		Humic Acid 85 %		Humic acid : 0.080 kg (347.2 M2)	
14 - 2 (Integ.)				HG Protect F (2) Mix HG Fluisan (1)	HG Protect F : 0.050 Kg (346 M2) Mix HG Protect V : 0.0037 Ltr
14 - 2 (Organic)				HG Protect F (2) Mix HG Fluisan (1) Mix Pesnab (3)	HG Protect F : 0.050 Kg (347.2 M2) Mix HG Fluisan 0.0037 Ltr Mix Pesnab
21 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 kg (346 M2) NPK Mutiara : 2.0 kg	
21 - 1 (Organic)		Humic Acid 85 %		Humic acid : 0.080 kg (347.2 M2)	
21 - 2 (Integ.)				HG Z20 (2) Mix 1 Incek + 1 Fungi	HG Z20 : 0.050 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
21 - 2 (Organic)				HG Z20 (2) Mix HG Protect V (2) Mix Pesnab (4)	HG Z20 : 0.050 KG (347.2 M2) Mix HG Protect V : 0.060 Ltr Mix Pesnab
28 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic acid 0.040 KG (346 M2) NPK Mutiara : 2.0 kg	
28 - 1 (Organic)		Humic Acid 85 %		Larutkan 0.080 KG (347.2 M2)	
28 - 2 (Integ.)				HG Protect F (3)	HG Protect F : 0.050 KG (346 M2)
28 - 2 (Organic)				HG Protect F (3) Mix Pesnab (5)	HG Protect F : 0.050 KG (347.2 M2) Mix Pesnab
35 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid 0.040 KG (346 M2) NPK Mutiara : 2.3 KG	
35 - 1 (Organic)		Humic Acid 85 %		Humic acid : 0.080 KG (347.2 M2)	
35 - 2 (Integ.)				HG Z20 (3) Mix 1 Incek + 1 Fungi	HG Z20 : 0.050 Kg (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
35 - 2 (Organic)				HG Z20 (3) Mix HG Protect V (3) Mix Pesnab (6)	HG Z20 : 0.050 Kg (347.2 M2) Mix HG Protect V : 0.060 Ltr Mix Pesnab

Application of Planting - Harvesting

Integrated & Organic

Time	Fertilization - Spraying			Immersed / Flush the fertilizer	Spraying of Pesticide and Fertilizer
	Immersed	Flush	Spray		
42 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid 0.040 kg (346 M2) NPK Mutiara : 2.3 KG	
42 - 1 (Organic)		Humic Acid 85 %		Humic Acid : 0.080 KG (347.2 M2)	
42 - 2 (Integ.)			HG Protect F (4)		HG Protect F : 0.050 KG (346 M2)
42 - 2 (Organic)			HG Protect F (4) Mix Pesnab (7)		HG Protect F : 0.050 KG (347.2 M2) Mix Pesnab
49 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 KG (346 M2) NPK Mutiara : 2.3 KG	
49 - 1 (Organic)		Humic Acid 85 %		humic Acid : 0.080 KG (347.2 M2)	
49 - 2 (Integ.)			HG Z20 (4) Mix 1 Incek + 1 Fungi		HG Z20 : 0.050 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
49 - 2 (Organic)			HG Z20 (4) Mix Hg Protect V (4) Mix Pesnab (8)		HG Z20 : 0.100 KG (347.2 M2) Mix HG Protect V : 0.060 Ltr Mix Pesnab
56 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 KG (346 M2) NPK Mutiara : 2.3 KG	
56 - 1 (Organic)		Humic Acid 85 %		Humic Acid : 0.080 KG (347.2 M2)	
56 - 2 (Integ.)			HG Protect F (5) Mix HG Fluisan (2)		HG Protect F : 0.080 KG (346 M2) Mix HG Fluisan 0.0037 Ltr
56 - 2 (Organic)			HG Protect F (5) Mix HG Fluisan (2) Mix Pesnab (9)		HG Protect F : 0.123 KG (347.2 M2) Mix HG Fluisan : 0.0037 Ltr Mix Pesnab
63 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 KG (346 M2) NPK Mutiara : 2.3 KG	
63 - 1 (Organic)		Humic Acid 85 %		Humic Acid : 0.080 KG (347.2 M2)	
63 - 2 (Integ.)			HG Z20 (5) Mix 1 Incek + 1 Fungi		HG Z20 : 0.070 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
63 - 2 (Organic)			HG Z20 (5) Mix Pesnab (10)		HG Z20 : 0.100 KG (347.2 M2) Mix Pesnab
70 - 1 (Integ.)		NPK Mutiara Humic Acid 85 %		Humic Acid : 0.040 KG (346 M2) NPK Mutiara : 2.3 KG	
70 - 1 (Organic)		Humic Acid 85 %		Humic Acid : 0.080 KG (347.2 M2)	
70 - 2 (Integ.)			HG Protect F (6) Mix 1 Incek + 1 Fungi		HG Protect F : 0.080 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
70 - 2 (Organic)			HG Protect F (6) Mix Pesnab (11)		HG Protect F : 0.123 KG (347.2 M2) Mix Pesnab
77 (Integ.)			HG Z20 (6) Mix 1 Incek + 1 Fungi		HG Z20 : 0.070 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
77 (Organic)			HG Z20 (6) Mix Protect V (5) Mix Pesnab (11)		HG Z20 : 0.100 KG (347.2 M2) Mix HG Protect V : 0.060 Ltr Mix Pesnab
84 (Integ.)			HG Protect F (7) Mix 1 Incek + 1 Fungi		HG Protect F : 0.080 KG (346 M2) Mix 1 Incek + 1 Fungi, Normal Dosage
84 (Organic)			HG Protect F (7) Mix Pesnab (12)		HG Protect F : 0.123 KG (347.2 M2) Mix 1 Pesnab