



LAMPIRAN

**Lampiran 1. Penghitungan Optimalisasi Produksi Usahatani Seledri Daun
Di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka**

$$TC = a + bQ + cQ^2 + dQ^3$$

$$TC = 1.056.816,331 + 0,000Q + 3,014Q^2 + 0,004Q^3$$

$$MC = \frac{dTC}{dQ} = 6,028Q + 0,012Q^2$$

Harga rata-rata seledri (p) = Rp. 21.514,/Kg

a. Syarat Pertama dipenuhi, yaitu:

$$\begin{aligned} \rightarrow P &= MC = 0, \text{ sehingga} \\ 21.514 &= 6,028Q + 0,012Q^2 \\ &= -21.514 + 6,028Q + 0,012Q^2 \\ &= -21.514 + 6,028Q + 0,012Q^2 \end{aligned}$$

c b a

Dengan menggunakan rumus abc, tingkat produksi (Q) optimal dapat diketahui, yaitu:

$$\begin{aligned} Q_{1,2} &= \frac{-6,028 \pm \sqrt{(6,028)^2 - 4(0,012)(-21.514)}}{2(0,012)} \\ &= \frac{-6,028 \pm \sqrt{36,336 + (1032,672)}}{0,024} \\ &= \frac{-6,028 \pm \sqrt{1069,008}}{0,024} \\ &= \frac{-6,028 + 32,695}{0,024} \\ &= \frac{26,667}{0,024} \\ &= 1111,154 \dots\dots\dots Q_1 \\ &= \frac{-6,028 - 32,695}{0,024} \\ &= \frac{-26,667}{0,024} \\ &= -1613,49 \dots\dots\dots Q_2 \end{aligned}$$

Lampiran 1. Penghitungan Optimalisasi Produksi Usahatani Seledri Daun Di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan)

b. Syarat kedua dipenuhi, yaitu

$$\begin{aligned} \frac{\partial^2 TC}{\partial Q^2} &= 6,028 + 0,024(1111,154) \\ &= 6,028 + 26,667 \\ &= 32,695 > 0 \dots\dots\dots(\text{memenuhi persyaratan}) \\ &= 6,028 + 0,024(-1613,49) \\ &= 6,028 + (-38,72) \\ &= -44,748 < 0 \dots\dots\dots(\text{tidak memenuhi persyaratan}) \end{aligned}$$

Adapun tingkat produksi seledri daun (Q) optimal yang diperoleh adalah tingkat produksi seledri daun (Q₁), yaitu sebesar 1111,154 Kg.

Nilai keuntungan maksimal dapat dihitung menggunakan rumus sebagai berikut:

$$\begin{aligned} \Pi_{\max} &= P \cdot Q - (TC) \\ \Pi_{\max} &= 21.514(1111,154) - (1.056.816,331) + 0(1111,154) + 6,028 \\ &\quad (1111,154)^2 + 0,004 (1111,154)^3 \\ \Pi_{\max} &= 23.905.367,16 - (1.056.816,331) + 7.442.549,84 + 5.487.603,865 \\ \Pi_{\max} &= \text{Rp.}13.639.672,04 \dots\dots\dots(\text{keuntungan maksimal}) \end{aligned}$$

Oleh karena itu, dengan memperoleh produksi optimal rata-rata sebesar 1111,154 Kg, Maka petani seledri daun akan memperoleh keuntungan maksimal sebesar Rp. 13.639.672,04 untuk satu periode tanam.

Lampiran 2. Profil Petani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

NO	NAMA	Jenis Kelamin	Umur	Pendidikan	Anggota Keluarga	Jarak Kebun (Km)	Status Mengikuti Penyuluhan	Kepemilikan Lahan
1	Ali Marsopi	LK	36	S1	5	1	0	0
2	Adhar	LK	46	SMP	4	1	0	0
3	Ali Akbar	LK	23	SMA	2	1	0	0
4	Rosidi	LK	36	SMP	6	3	0	0
5	Andi	LK	35	SD	6	1	0	0
6	Jumadi	LK	42	SD	5	2	0	0
7	Apas	LK	44	SD	6	1	0	0
8	Muharam	LK	41	SD	5	3	0	0
9	Dani	LK	29	SMA	3	4	0	0
10	Alim	LK	38	SD	3	0.5	0	0
11	Isrok	LK	35	SMA	4	2	0	0
12	Badrun	LK	45	SD	6	1.5	0	0
13	Subandi	LK	56	SMP	5	2	0	0
14	Zainudin	LK	41	SD	5	0.5	0	0
15	Ali	LK	33	SD	5	2	0	0
16	Surya Darma	LK	40	SMA	4	2	0	0
17	Arman	LK	34	SMA	4	2	0	0
18	Umar	LK	57	SMA	2	2	0	0
19	Ahmad Sutami	LK	39	SMA	4	2	0	0
20	Sukandi	LK	46	SD	6	3	0	0
21	Wisnu Saputra	LK	26	SMA	3	4	0	0
22	Hermanto	LK	29	S1	6	2	0	0
23	Arbani	LK	56	SD	7	2	0	0
24	Marzuki	LK	43	SD	6	1	0	0
25	April	LK	36	SMA	4	3	0	0
26	Kasmir	LK	28	SMA	3	1	0	0
27	Pakar	LK	56	SD	5	2	0	0
28	Selamat	LK	43	SD	5	2	0	0
29	Maradona	LK	35	D3	5	2,5	0	0
30	Saukat	LK	40	SMA	4	3	0	0
31	Nazarudin	LK	42	SD	4	3	0	0
32	Muksin	LK	43	SMP	4	1	0	0
33	Sugianto	LK	51	SMA	3	1	0	0
34	Ismail	LK	39	SD	4	2	0	0
35	Jamhir	LK	56	SD	4	3	0	0

Keterangan:

Status mengikuti penyuluhan : 0 → Belum pernah, 1 → Pernah

Kepemilikan lahan : 0 → Milik sendiri, 1 → Sewa

Lampiran 3. Data Petani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

No	Nama	Luas Lahan (M ²)	Lama Usahatani (Tahun)	Harga Seledri (Rp)	Jumlah Priode Tanam (Tahun)	Tenaga Kerja (Hok)	Hari Kerja (Hari)	Produksi (Kg)
1	Ali Marsopi	61	7	20,000	2	1	3	450
2	Adhar	162	17	20,000	2	1	6	421
3	Ali Akbar	77	3	25,000	2	1	6	390
4	Rosidi	180	11	20,000	2	1	6	523
5	Andi	144	2	20,000	2	1	6	479
6	Jumadi	96	7	20,000	2	1	6	380
7	Apas	192	2	20,000	2	1	6	430
8	Muharam	120	9	25,000	2	2	6	470
9	Dani	54	3	20,000	2	2	6	385
10	Alim	60	3	20,000	2	1	6	390
11	Isrok	144	11	20,000	2	2	3	420
12	Badrun	120	7	20,000	2	1	6	390
13	Subandi	54	10	25,000	2	2	6	375
14	Zainudin	96	12	20,000	2	1	6	405
15	Ali	82	5	20,000	2	1	6	370
16	Surya D	90	7	20,000	2	1	6	395
17	Arman	101	10	22,000	2	1	6	410
18	Umar	120	8	25,000	2	2	6	560
19	A.Sutami	96	12	25,000	2	1	6	529
20	Sukandi	84	12	20,000	2	1	6	385
21	Wisnu S	120	4	22,000	2	4	6	407
22	Hermanto	108	10	20,000	2	1	6	412
23	Arbani	300	18	20,000	2	1	6	495
24	Marzuki	144	14	27,000	2	1	6	395
25	April	240	8	20,000	2	1	6	510
26	Kasmir	72	7	20,000	2	1	6	390
27	Pakar	144	2	20,000	2	1	6	420
28	Selamat	58	15	20,000	2	1	6	419
29	Maradona	240	8	20,000	2	1	6	532
30	Saukat	73	5	21,000	2	1	6	385
31	Nazarudin	119	5	21,000	2	1	6	415
32	Muksin	120	3	25,000	2	1	6	430
33	Sugianto	72	8	23,000	2	1	6	475
34	Ismail	144	7	20,000	2	1	6	400
35	Jamhir	96	3	27,000	2	1	6	466
	Rata-rata	120		21.514				432

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

No	Parang (Unit)	Harga	Masa Pakai	Jumlah	Cangkul (Unit)	Harga	Masa Pakai	Jumlah	Cored (Unit)	Harga	Masa Pakai	Jumlah	Cakar (Unit)	Harga	Masa Pakai	Jumlah
1.	1	125,000	2	31250	1	60,000	3	10000	1	35,000	3	5833.3333	1	20,000	2	5000
2.	1	60,000	2	15000	1	45,000	3	7500	0	0	0	0	1	25,000	2	6250
3.	1	70,000	2	17500	1	85,000	3	14166.667	1	30,000	3	5000	1	20,000	2	6250
4.	1	100,000	2	25000	1	85,000	3	14166.667	1	40,000	3	6666.6667	0	0	0	0
5.	1	80,000	2	20000	1	60,000	3	10000	1	35,000	3	5833.3333	0	0	0	0
6.	1	80,000	2	20000	1	50,000	3	8333.3333	1	35,000	3	5833.3333	1	25,000	2	7500
7.	1	100,000	2	25000	1	85,000	3	14166.667	1	25,000	3	4166.6667	1	25,000	2	6250
8.	1	80,000	2	20000	1	45,000	3	7500	0	0	0	0	1	20,000	2	6250
9.	1	60,000	2	15000	1	60,000	3	10000	1	25,000	3	4166.6667	1	25,000	2	6250
10.	1	100,000	2	25000	1	85,000	3	14166.667	1	40,000	3	6666.6667	1	30,000	2	11250
11.	1	50,000	2	12500	1	70,000	3	11666.667	0	0	0	0	1	25,000	2	8750
12.	1	90,000	2	22500	1	70,000	3	11666.667	1	35,000	3	5833.3333	0	0	0	0
13.	1	85,000	2	21250	1	60,000	3	10000	1	40,000	3	6666.6667	1	25,000	2	6250
14.	1	70,000	2	17500	1	80,000	3	13333.333	1	30,000	3	5000	1	30,000	2	10000
15.	1	80,000	2	20000	1	65,000	3	10833.333	1	35,000	3	5833.3333	0	0	0	0
16.	1	80,000	2	20000	1	80,000	3	13333.333	1	35,000	3	5833.3333	1	25,000	2	6250
17.	1	150,000	2	37500	1	50,000	3	8333.3333	1	25,000	3	4166.6667	1	15,000	2	3750
18.	1	100,000	2	25000	1	75,000	3	12500	1	35,000	3	5833.3333	1	50,000	2	12500
19.	1	90,000	2	22500	1	70,000	3	11666.667	0	0	0	0	1	30,000	2	15000
20.	1	100,000	2	25000	1	85,000	3	14166.667	1	40,000	3	6666.6667	1	25,000	2	11250
21.	1	80,000	2	20000	1	60,000	3	10000	1	25,000	3	4166.6667	1	30,000	2	10000

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 1)

No	Parang (Unit)	Harga	Masa pakai	Jumlah	Cangkul (Unit)	Harga	Masa Pakai	Jumlah	Cored (Unit)	Harga	Masa pakai	Jumlah	Cakar (Unit)	Harga	Masa pakai	Jumlah
22.	1	80,000	2	20000	1	60,000	3	10000	1	40,000	3	6666.6667	0	0	2	0
23.	1	85,000	2	21250	1	75,000	3	12500	1	35,000	3	5833.3333	1	25,000	2	6250
24.	1	85,000	2	21250	1	55,000	3	9166.6667	1	15,000	3	2500	1	20,000	2	6250
25.	1	95,000	2	23750	1	80,000	3	13333.333	1	50,000	3	8333.3333	0	0	0	0
26.	1	100,000	2	25000	1	65,000	3	10833.333	1	30,000	3	5000	1	25,000	2	6250
27.	1	80,000	2	20000	1	85,000	3	14166.667	1	35,000	3	5833.3333	1	20,000	2	6250
28.	1	100,000	2	25000	1	85,000	3	14166.667	1	35,000	3	5833.3333	0	0	0	0
29.	1	100,000	2	25000	1	80,000	3	13333.333	1	40,000	3	6666.6667	1	30,000	2	12500
30.	1	70,000	2	17500	1	65,000	3	10833.333	1	35,000	3	5833.3333	1	20,000	2	6250
31.	1	80,000	2	20000	1	70,000	3	11666.667	1	35,000	3	5833.3333	1	25,000	2	6250
32.	1	80,000	2	20000	1	60,000	3	10000	1	40,000	3	6666.6667	1	30,000	2	7500
33.	1	60,000	2	15000	1	50,000	3	8333.3333	1	25,000	3	4166.6667	1	30,000	2	15000
34.	1	100,000	2	25000	1	80,000	3	13333.333	1	40,000	3	6666.6667	1	25,000	2	6250
35.	1	60,000	2	15000	1	60,000	3	10000	0	0	0	0	1	20,000	2	6250
Rata	1	85,857	2		1	81,286	3		0.9	33,714	2.57		0.8	26,000	1.657	6392.857

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 2)

No	Gembor (Unit)	Harga	Masa Pakai	Jumlah	Drum (Unit)	Harga	Masa Pakai	Jumlah	Mesin Air (Unit)	Harga	Masa Pakai	Jumlah	Selang (m)	Harga	Masa pakai	Jumlah
1.	2	35,000	3	11666.67	2	150,000	3	50000	1	1,450,000	3	241666.7	50	300,000	3	50000
2.	2	35,000	3	11666.67	1	125,000	3	20833.33	0	0	0	0	0	0	0	0
3.	2	50,000	3	16666.67	1	150,000	3	25000	1	1,500,000	3	250000	50	300,000	3	50000
4.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
5.	1	35,000	3	5833.333	1	150,000	3	25000	0	0	0	0	0	0	0	0
6.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	1	40,000	3	6666.667	1	185,000	3	30833.33	1	1,400,000	3	233333.3	50	300,000	3	50000
8.	1	35,000	3	5833.333	1	200,000	3	33333.33	1	1,500,000	3	250000	50	300,000	3	50000
9.	1	40,000	3	6666.667	1	180,000	3	30000	0	0	0	0	0	0	0	0
10.	1	38,000	3	6333.333	2	200,000	3	66666.67	1	3,500,000	3	583333.3	50	400,000	3	66666.67
11.	1	45,000	3	7500	1	220,000	3	36666.67	1	2,500,000	3	416666.7	50	250,000	3	41666.67
12.	1	40,000	3	6666.667	1	200,000	3	33333.33	0	0	0	0	0	0	0	0
13.	1	40,000	3	6666.667	2	175,000	3	58333.33	1	1,800,000	3	300000	50	300,000	3	50000
14.	1	35,000	3	5833.333	4	200,000	3	133333.3	1	2,000,000	3	333333.3	90	450,000	3	75000
15.	1	45,000	3	7500	1	160,000	3	26666.67	1	600,000	3	100000	20	150,000	3	25000
16.	0	0	0	0	1	180,000	3	30000	1	2,300,000	3	383333.3	50	350,000	3	58333.33
17.	2	40,000	3	13333.33	2	100,000	3	33333.33	1	600,000	3	100000	50	325,000	3	54166.67
18.	2	50,000	3	16666.67	2	200,000	3	66666.67	0	0	0	0	0	0	0	0
19.	0	0	0	0	5	150,000	3	125000	1	1,200,000	3	200000	50	400,000	3	66666.67
20.	1	40,000	3	6666.667	2	200,000	3	66666.67	1	3,500,000	3	583333.3	50	400,000	3	66666.67
21.	1	40,000	3	6666.667	2	200,000	3	66666.67	1	1,400,000	3	233333.3	100	600,000	3	100000

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 3)

No	Gembor (Unit)	Harga	Masa Pakai	Jumlah	Drum (Unit)	Harga	Masa Pakai	Jumlah	Mesin Air (Unit)	Harga	Masa Pakai	Jumlah	Drum (Unit)	Harga	Masa Pakai	Jumlah
22.	1	35,000	3	5833.333	1	175,000	3	29166.67	1	1,800,000	3	300000	30	150,000	3	25000
23.	0	0	0	0	1	200,000	3	33333.33	1	1,700,000	3	283333.3	50	300,000	3	50000
24.	1	50,000	3	8333.333	1	200,000	3	33333.33	1	700,000	3	116666.7	15	105,000	3	17500
25.	1	45,000	3	7500	1	150,000	3	25000	1	2,500,000	3	416666.7	50	350,000	3	58333.33
26.	1	40,000	3	6666.667	1	200,000	3	33333.33	1	2,500,000	3	416666.7	50	300,000	3	50000
27.	1	45,000	3	7500	1	150,000	3	25000	1	1,800,000	3	300000	50	300,000	3	50000
28.	1	45,000	3	7500	1	100,000	3	16666.67	1	1,200,000	3	200000	50	350,000	3	58333.33
29.	3	40,000	3	20000	5	150,000	3	125000	1	1,500,000	3	250000	100	550,000	3	91666.67
30.	1	50,000	3	8333.333	0	0	0	0	0	0	0	0	0	0	0	0
31.	0	0	0	0	1	170,000	3	28333.33	1	2,000,000	3	333333.3	30	250,000	3	41666.67
32.	1	40,000	3	6666.667	1	100,000	3	16666.67	1	2,000,000	3	333333.3	50	300,000	3	50000
33.	2	40,000	3	13333.33	2	125,000	3	41666.67	1	1,200,000	3	200000	50	350,000	3	58333.33
34.	1	40,000	3	6666.667	1	150,000	3	25000	1	1,500,000	3	250000	50	350,000	3	58333.33
35.	1	35,000	3	5833.333	1	170,000	3	28333.33	1	1,400,000	3	233333.3	50	320,000	3	53333.33
Rata	1.1	38,000	2.5	7228.571	1.5	171,143	2.74	40547.62	0.8	1,344,286	2.314286	224047.6	40	307,857	2.4	41904.76

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 4)

No	Teng semprot (unit)	Harga	Masa pakai	Jumlah	Ember (Unit)	Harga	Masa pakai	Jumlah	Kayu K (btg)	Harga	Masa pakai	Jumlah	Kayu B (btg)	Harga	Masa pakai	Jumlah
1.	2	325,000	3	108333.3	3	25,000	2	18.750	200	2,500	2	125000	13	10,000	2	32500
2.	1	400,000	3	75000	0	0	0	0	270	3,500	2	236250	20	8,000	2	40000
3.	1	250,000	3	41666.67	1	15,000	2	3750	200	4,000	2	200000	16	10,000	2	40000
4.	1	250,000	3	41666.67	1	20,000	2	5000	300	3,500	2	262500	27	7,500	2	50625
5.	1	250,000	3	41666.67	3	15,000	2	11250	120	3,000	2	90000	13	8,000	2	26000
6.	1	250,000	3	41666.67	4	10,000	2	10000	160	3,500	2	140000	20	10,000	2	50000
7.	1	350,000	3	58333.33	2	20,000	2	10000	320	3,000	2	240000	30	8,000	2	60000
8.	1	250,000	3	41666.67	2	15,000	2	7500	200	3,000	2	150000	20	8,000	2	40000
9.	1	350,000	3	58333.33	2	20,000	2	10000	100	3,000	2	75000	11	10,000	2	27500
10.	1	250,000	3	41666.67	2	15,000	2	7500	100	3,000	2	75000	12	10,000	2	30000
11.	1	250,000	3	41666.67	1	15,000	2	3750	240	3,000	2	180000	18	8,500	2	38250
12.	1	250,000	3	41666.67	1	20,000	2	5000	200	3,500	2	175000	16	8,000	2	32000
13.	1	360,000	3	60000	2	30,000	2	15000	270	3,500	2	236250	20	10,000	2	50000
14.	1	400,000	3	75000	3	15,000	2	11250	160	4,000	2	160000	15	7,500	2	28125
15.	1	250,000	3	41666.67	2	15,000	2	7500	140	4,000	2	140000	14	10,000	2	35000
16.	2	250,000	3	83333.33	2	15,000	2	7500	150	3,000	2	112500	15	10,000	2	37500
17.	2	300,000	3	100000	2	15,000	2	7500	210	3,500	2	183750	17	9,000	2	38250
18.	1	275,000	3	45833.33	3	25,000	2	18.750	200	3,500	2	175000	18	8,000	2	36000
19.	1	470,000	3	78333.33	2	25,000	2	12500	160	3,000	2	120000	13	10,000	2	32500
20.	1	250,000	3	41666.67	2	15,000	2	7500	150	3,500	2	131250	13	9,000	2	29250
21.	1	220,000	3	36666.67	1	20,000	2	5000	180	2,000	2	90000	17	10,000	2	42500

Lampiran 4. Biaya Tetap Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 5)

No	Teng semprot (unit)	Harga	Masa pakai	Jumlah	Ember (Unit)	Harga	Masa pakai	Jumlah	Kayu K (btg)	Harga	Masa pakai	Jumlah	Kayu B (btg)	Harga	Masa pakai	Jumlah
22.	1	250,000	3	41666.67	3	15,000	2	11250	180	3,000	2	135000	22	10,000	2	55000
23.	1	300,000	3	50000	2	15,000	2	7500	400	3,000	2	300000	35	9,000	2	78750
24.	1	225,000	3	37500	1	15,000	2	3750	200	3,000	2	150000	18	8,000	2	36000
25.	1	320,000	3	53333.33	4	25,000	2	25000	350	3,000	2	262500	28	8,000	2	56000
26.	1	250,000	3	41666.67	2	15,000	2	7500	300	3,500	2	262500	25	8,500	2	53125
27.	1	250,000	3	41666.67	2	15,000	2	7500	240	3,000	2	180000	20	10,000	2	50000
28.	1	300,000	3	50000	2	25,000	2	12500	72	3,500	2	63000	10	10,000	2	25000
29.	2	250,000	3	83333.33	4	25,000	2	25000	400	3,000	2	300000	35	9,000	2	78750
30.	1	250,000	3	41666.67	1	10,000	2	2500	300	3,000	2	225000	25	7,500	2	46875
31.	1	250,000	3	41666.67	4	20,000	2	20000	200	3,500	2	175000	18	10,000	2	45000
32.	1	250,000	3	41666.67	1	20,000	2	5000	200	3,500	2	175000	17	8,500	2	36125
33.	1	250,000	3	41666.67	1	15,000	2	3750	120	3,500	2	105000	13	10,000	2	32500
34.	1	250,000	3	41666.67	3	15,000	2	11250	240	3,000	2	180000	21	9,500	2	49875
35.	1	250,000	3	41666.67	2	15,000	2	7500	160	3,500	2	140000	13	10,000	2	32500
Rata	1.1	284,143	3	-52714.3	2.1	18,000	1.9	9571.429	215	3,243	2	170014.3	25	9,071	2	42042.86

Lampiran 5. Biaya Total Produksi Usahatanani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

No	Nama	Biaya Variabel	Biaya Tetap	Biaya Total	Penerimaan	Pendapatan	Keuntungan Aktual
1	Ali Marsopi	1,258,000	690000	1948000	9,000,000	7052000	4580500
2	Adhar	1,025,000	412500	1437500	8,420,000	6982500	4219500
3	Ali Akbar	1,108,000	670000	1778000	9,750,000	7972000	5391100
4	Rosidi	2,041,000	405625	2446625	10,460,000	8013375	5133375
5	Andi	1,142,000	235583.3	1377583	9,580,000	8202417	5493217
6	Jumadi	1,045,000	283333.3	1328333	7,600,000	6271667	3677667
7	Apas	1,343,000	738750	2081750	8,600,000	6518250	3671850
8	Muharam	1,640,000	612083.3	2252083	11,750,000	9497917	6831917
9	Dani	1,082,000	242916.7	1324917	7,700,000	6375083	3914083
10	Alim	1,045,000	934250	1979250	7,800,000	5820750	3338750
11	Isrok	1,176,000	799083.3	1975083	8,400,000	6424917	3686917
12	Badrun	1,000,000	333666.7	1333667	7,800,000	6466333	3800333
13	Subandi	1,015,000	820416.7	1835417	9,375,000	7539583	5051583
14	Zainudin	1,510,000	867708.3	2377708	8,100,000	5722292	3099492
15	Ali	1,133,000	420000	1553000	7,400,000	5847000	3233000
16	Surya Darma	1,166,000	757916.7	1923917	7,900,000	5976083	3346083
17	Arman	1,445,000	584083.3	2029083	9,020,000	6990917	4359117
18	Umar	2,100,000	414750	2514750	14,000,000	11485250	8855250
19	Ahmad Sutami	1,800,000	684166.7	2484167	13,225,000	10740833	8127633
20	Sukandi	1,141,000	990083.3	2131083	7,700,000	5568917	2950917
21	Wisnu Saputra	1,505,000	625000	2130000	8,954,000	6824000	4158000
22	Hermanto	1,486,000	639583.3	2125583	8,240,000	6114417	3502417
23	Arbani	1,499,000	848750	2347750	9,900,000	7552250	4362250
24	Marzuki	1,158,000	442250	1600250	10,665,000	9064750	6355550
25	April	1,663,000	949750	2612750	10,200,000	7587250	4707250
26	Kasmir	1,015,000	918541.7	1933542	7,800,000	5866458	3378458
27	Pakar	1,190,000	707916.7	1897917	8,400,000	6502083	3807283
28	Selamat	1,277,000	478000	1755000	8,380,000	6625000	4140600
29	Maradona	1,734,000	1031250	2765250	10,640,000	7874750	4946750
30	Saukat	1,030,000	364791.7	1394792	8,085,000	6690208	4164208
31	Nazarudin	1,101,000	728750	1829750	8,715,000	6885250	4197250
32	Muksin	1,211,000	708625	1919625	10,750,000	8830375	6164375
33	Sugianto	1,498,000	538750	2036750	10,925,000	8888250	6400250
34	Ismail	1,024,000	674041.7	1698042	8,000,000	6301958	3621558
35	Jamhir	1,410,000	573750	1983750	12,582,000	10598250	8026250
Rata-rata		1,314,743	632190.5	1946933	9,309,029	7,362,095	4705564

Lampiran 6. Biaya Variabel Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

No	Benih (Pcs)	Harga	Jumlah	Pupuk Kandang (Krg)	Harga	Jumlah	Pupuk Kimia (Kg)	Harga	Jumlah	Fungisida 1	Harga	Fungisida 2	Harga	Jumlah
1.	1	32,000	32,000	3	25,000	75,000	49	10,000	490000	1	75,000	0	0	75,000
2.	1	35,000	35,000	4	25,000	100,000	35	12,000	420000	0	0	1	30,000	30,000
3.	1	30,000	30,000	2	50,000	100,000	25	10,000	250000	0.5	45,000	0	0	45,000
4.	1	37,000	37,000	6	65,000	390,000	68	13,000	884000	1	80,000	1	35,000	115,000
5.	1	35,000	35,000	4	30,000	120,000	34	13,000	442000	1	80,000	0	0	80,000
6.	1	35,000	35,000	3	25,000	75,000	30	10,000	300000	0.5	40,000	0	0	40,000
7.	1	35,000	35,000	4	55,000	220,000	45	12,000	540000	1	80,000	1	35,000	115,000
8.	1	30,000	30,000	4	35,000	140,000	80	10,000	800000	1	70,000	0	0	70,000
9.	1	35,000	35,000	3	55,000	165,000	32	11,000	352000	1	80,000	0	0	80,000
10.	1	35,000	35,000	2	55,000	110,000	23	10,000	230000	1	80,000	0	0	80,000
11.	1	40,000	40,000	3	50,000	150,000	20	10,000	200000	1	80,000	1	45,000	125,000
12.	1	35,000	35,000	3	50,000	150,000	28	11,000	308000	1	80,000	1	37,000	117,000
13.	1	35,000	35,000	2	65,000	130,000	27	10,000	270000	1	85,000	0	0	85,000
14.	1	50,000	50,000	6	55,000	330,000	20	12,000	240000	1	80,000	0	0	80,000
15.	1	35,000	35,000	2	55,000	110,000	23	13,000	299000	0.5	35,000	1	35,000	70,000
16.	1	30,000	30,000	2	65,000	130,000	34	12,000	408000	0	0	1	30,000	30,000
17.	1	30,000	30,000	7	30,000	210,000	50	12,000	600000	1	60,000	0	0	60,000
18.	1	40,000	40,000	4	60,000	240,000	125	10,000	1250000	0.5	35,000	0	0	35,000
19.	1	40,000	40,000	3	50,000	150,000	95	10,000	950000	0.5	40,000	0	0	40,000
20.	1	37,000	37,000	4	60,000	240,000	25	12,000	300000	0.5	40,000	0	0	40,000
21.	1	30,000	30,000	5	75,000	375,000	20	12,000	240000	1	80,000	0	0	80,000

Lampiran 6. Biaya Variabel Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 1)

No	Benih (Pcs)	Harga	Jumlah	Pupuk Kandang (Krg)	Harga	Jumlah	Pupuk Kimia (Kg)	Harga	Jumlah	Fungisida 1	Harga	Fungisida 2	Harga	Jumlah
22.	1	35,000	35,000	3	55,000	165,000	50	11,000	550000	0	0	1	65,000	65,000
23.	1	35,000	35,000	4	65,000	260,000	38	13,000	494000	1	80,000	1	35,000	115,000
24.	1	35,000	35,000	2	65,000	130,000	30	11,000	330000	0.5	40,000	1	40,000	80,000
25.	2	37,000	74,000	10	65,000	650,000	25	12,000	300000	0	0	1	35,000	35,000
26.	1	35,000	35,000	2	65,000	130,000	28	10,000	280000	1	80,000	0	0	80,000
27.	1	35,000	35,000	3	65,000	195,000	25	10,000	250000	1	80,000	0	0	80,000
28.	1	35,000	35,000	2	65,000	130,000	24	12,000	288000	0.5	40,000	1	40,000	80,000
29.	1	20,000	20,000	8	60,000	480,000	24	10,000	240000	0	0	1	35,000	35,000
30.	1	35,000	35,000	2	65,000	130,000	25	13,000	325000	1	65,000	1	40,000	105,000
31.	1	35,000	35,000	3	60,000	180,000	32	10,000	320000	1	80,000	1	35,000	115,000
32.	1	32,000	32,000	2	25,000	50,000	44	10,000	440000	0	0	1	35,000	35,000
33.	1	35,000	35,000	10	25,000	250,000	47	10,000	470000	1	70,000	0	0	70,000
34.	1	30,000	30,000	3	25,000	75,000	25	13,000	325000	1	80,000	0	0	80,000
35.	1	35,000	35,000	2	50,000	100,000	50	12,000	600000	1	80,000	0	0	80,000
Rata	1	34,571	35,629	3.771	51,143	189,571	38.71	11,200	428142.9	1	55,429	0	17,343	72,771

Lampiran 6. Biaya Variabel Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 2)

No	Insektisida 1	Harga	Insektisida 2	Harga	Jumlah	Zpt	Harga	Jumlah	Kapur (Krg)	Harga	Jumlah	BBM (L)	Harga	Jumlah	Plastik (m)	Harga	Jumlah
1.	1	30,000	0	0	30,000	1	30,000	30000	1	40,000	40,000	17	8,000	136000	100	3,500	350000
2.	1	25,000	0.25	25,000	50,000	0	0	0	1	40,000	40,000	0	0	0	100	3,500	350000
3.	0	0	0.5	45,000	45,000	1	30,000	30000	2	40,000	80,000	16	8,000	128000	100	4,000	400000
4.	1	25,000	0	0	25,000	0	0	0	1	40,000	40,000	25	8,000	200000	100	3,500	350000
5.	0	0	1	65,000	65,000	0	0	0	1	50,000	50,000	0	0	0	100	3,500	350000
6.	0	0	1	60,000	60,000	1	25,000	25000	1	40,000	40,000	15	8,000	120000	100	3,500	350000
7.	1	30,000	0	0	30,000	12	2,000	24000	1	35,000	35,000	18	8,000	144000	100	2,000	200000
8.	0	0	1	60,000	60,000	0	0	0	1	40,000	40,000	25	8,000	200000	100	3,000	300000
9.	0	0	1	60,000	60,000	0	0	0	1	40,000	40,000	0	0	0	100	3,500	350000
10.	1	30,000	0	0	30,000	1	30,000	30000	2	40,000	80,000	0	0	0	100	4,500	450000
11.	0	0	1	80,000	80,000	0	0	0	1	45,000	45,000	17	8,000	136000	100	4,000	400000
12.	0	0	1	60,000	60,000	1	35,000	35000	1	45,000	45,000	0	0	0	100	2,500	250000
13.	0	0	1	65,000	65,000	1	35,000	35000	1	45,000	45,000	0	0	0	100	3,500	350000
14.	0	0	1	130,000	130,000	0	0	0	3	40,000	120,000	20	8,000	160000	100	4,000	400000
15.	1	25,000	1	65,000	90,000	0	0	0	1	35,000	35,000	18	8,000	144000	100	3,500	350000
16.	1	25,000	0	0	25,000	0	0	0	1	43,000	43,000	25	8,000	200000	100	3,000	300000
17.	1	30,000	0	0	30,000	0	0	0	1	45,000	45,000	15	8,000	120000	100	3,500	350000
18.	0	0	0.5	45,000	45,000	0	0	0	1	40,000	40,000	0	0	0	100	4,500	450000
19.	0	0	0.25	30,000	30,000	0	0	0	1	40,000	40,000	25	8,000	200000	100	3,500	350000
20.	1	28,000	0.25	20,000	48,000	0	0	0	1	40,000	40,000	17	8,000	136000	100	3,000	300000
21.	2	30,000	0.25	25,000	110,000	1	200,000	200000	2	50,000	100,000	5	8,000	40000	100	3,300	330000

Lampiran 6. Biaya Variabel Produksi Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka (Lanjutan 3)

No	Insektisida 1	Harga	Insektisida 2	Harga	Jumlah	Zpt	Harga	Jumlah	Kapur (Krg)	Harga	Jumlah	BBM (L)	Harga	Jumlah	Plastik (m)	Harga	Jumlah
22.	0	0	1	65,000	65,000	0	0	0	2	50,000	100,000	17	8,000	136000	100	3,700	370000
23.	1	30,000	0	0	30,000	0	0	0	1	45,000	45,000	25	8,000	200000	100	3,200	320000
24.	1	20,000	0	0	20,000	1	35,000	35000	2	40,000	80,000	16	8,000	128000	100	3,200	320000
25.	0	0	0.5	40,000	40,000	0	0	0	1	40,000	40,000	23	8,000	184000	100	3,400	340000
26.	1	25,000	1	60,000	85,000	1	20,000	20000	1	35,000	35,000	0	0	0	100	3,500	350000
27.	1	30,000	0	0	30,000	0	0	0	1	40,000	40,000	20	8,000	160000	100	4,000	400000
28.	1	25,000	0	0	25,000	1	35,000	35000	1	40,000	40,000	18	8,000	144000	100	5,000	500000
29.	0	0	0.25	37,000	37,000	1	32,000	32000	2	45,000	90,000	20	8,000	160000	200	3,200	640000
30.	1	25,000	0	0	25,000	1	20,000	20000	1	40,000	40,000	0	0	0	100	3,500	350000
31.	1	25,000	0	0	25,000	0	0	0	1	40,000	40,000	17	8,000	136000	100	2,500	250000
32.	0	0	0.25	35,000	35,000	1	35,000	35000	1	40,000	40,000	18	8,000	144000	100	4,000	400000
33.	1	45,000	0	0	45,000	1	60,000	60000	2	40,000	80,000	21	8,000	168000	100	3,200	320000
34.	1	25,000	0	0	25,000	0	0	0	1	45,000	45,000	18	8,000	144000	100	3,000	300000
35.	1	20,000	0	0	20,000	1	25,000	25000	1	40,000	40,000	20	8,000	160000	100	3,500	350000
Rata	1	15,657	0	30,629	47,857	1	18,543	19,171	1	41,514	52,514	14	5,943	112,229	103	3,477	356,857

Lampiran 7. Biaya Implisit Usahatani Seledri Daun di Desa Zed Kecamatan Mendo Barat Kabupaten Bangka

No	Nama	Tenaga Kerja	Sewa Lahan
1	Ali Marsopi	2380000	91500
2	Adhar	2520000	243000
3	Ali Akbar	2450000	130900
4	Rosidi	2520000	360000
5	Andi	2450000	259200
6	Jumadi	2450000	144000
7	Apas	2520000	326400
8	Muharam	2450000	216000
9	Dani	2380000	81000
10	Alim	2380000	102000
11	Isrok	2450000	288000
12	Badrun	2450000	216000
13	Subandi	2380000	108000
14	Zainudin	2450000	172800
15	Ali	2450000	164000
16	Surya D	2450000	180000
17	Arman	2450000	181800
18	Umar	2450000	180000
19	A. Sutami	2450000	163200
20	Sukandi	2450000	168000
21	Wisnu S	2450000	216000
22	Hermanto	2450000	162000

No	Nama	Tenaga Kerja	Sewa Lahan
23	Arbani	2590000	600000
24	Marzuki	2450000	259200
25	April	2520000	360000
26	Kasmir	2380000	108000
27	Pakar	2450000	244800
28	Selamat	2380000	104400
29	Maradona	2520000	408000
30	Saukat	2380000	146000
31	Nazarudin	2450000	238000
32	Muksin	2450000	216000
33	Sugianto	2380000	108000
34	Ismail	2450000	230400
35	Jamhir	2380000	192000
	RATA	2,446,000	210531.4

Lampiran 8. Prediksi Hasil Produksi Optimal dan Keuntungan Maksimal Pada Berbagai Tingkat Harga Jual Seledri Daun

No	P	Q1	Q2	MC	TC	AC	Π
1.	10500	717.3811	-1219.71	10500	4.084.687	5693.888	3.447.814
2.	11500	759.4856	-1261.82	11500	4.547.688	5987.853	4.186.396
3.	12500	799.9049	-1302.24	12500	5.032.587	6291.482	4.966.224
4.	13500	838.8263	-1341.16	13500	5.538.448	6602.616	5.785.707
5.	14500	876.4051	-1378.74	14500	6.064.444	6919.682	6.643.429
6.	15500	912.7712	-1415.1	15500	6.609.840	7241.508	7.538.113
7.	16500	948.035	-1450.37	16500	7.173.974	7567.203	8.468.604
8.	17500	982.2911	-1484.62	17500	7.756.246	7896.077	9.433.848
9.	18500	1015.621	-1517.95	18500	8.356.113	8227.589	10.432.878
10.	19500	1048.096	-1550.43	19500	8.973.076	8561.307	11.464.805
11.	20500	1079.78	-1582.11	20500	9.606.675	8896.885	12.528.807
12.	21514	1111.154	-1613.49	21514	10.265.699	9238.771	13.639.672
13.	22500	1140.984	-1643.32	22500	10.922.120	9572.541	14.750.029
14.	23500	1170.599	-1672.93	23500	11.603.207	9912.195	15.905.873
15.	24500	1199.609	-1701.94	24500	12.299.405	10252.84	17.091.026
16.	25500	1228.051	-1730.38	25500	13.010.396	10594.35	18.304.903
17.	26500	1255.956	-1758.29	26500	13.735.878	10936.59	19.546.949
18.	27500	1283.353	-1785.69	27500	14.475.569	11279.49	20.816.645
19.	28500	1310.27	-1812.6	28500	15.229.201	11622.95	22.113.496
20.	29500	1336.731	-1839.06	29500	15.996.522	11966.9	23.437.033
21.	30500	1362.758	-1865.09	30500	16.777.293	12311.28	24.786.812



Lampiran 9. Output SPSS Regresi

Model Summary and Parameter Estimates

Dependent Variable: biaya

total

Equation	Model Summary					Parameter Estimates			
	R Square	F	df1	df2	Sig.	Constant	b1	b2	b3
Linear	.485	31.074	1	33	.000	-280624.912	5161.473		
Quadratic	.487	15.199	2	32	.000	1232288.603	-1574.980	7.383	
Cubic	.487	15.209	2	32	.000	1056816.331	.000	3.014	.004

The independent variable is produksi.

Lampiran 10. Output SPSS One Sample T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
K.Aktual	35	4.7051E6	1.50093E6	2.53704E5

One-Sample Test

	Test Value = 13639672.04					
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
K.Aktual	-35.216	34	.000	-8.93454E6	-9.4501E6	-8.4189E6

RIWAYAT HIDUP



Penulis dilahirkan di Petaling, Kecamatan Mendo Barat, Kabupaten Bangka pada tanggal 26 Desember 1997, penulis merupakan anak ke Sembilan dari sembilan bersaudara dari pasangan Bapak Habib dan Ibu Rosidah. Penulis menyelesaikan pendidikan dasar di SD Negeri 04 Mendo Barat tahun 2008. Pendidikan Menengah Pertama (SMP) diselesaikan di MTS AN-NAJAH Mendo Barat pada tahun 2011. Pendidikan Menengah Atas (SMA) diselesaikan penulis pada tahun 2014 di SMK Negeri 1 Mendo Barat.

Pada tahun 2014 penulis diterima di Universitas Bangka Belitung melalui jalur SBMPTN pada Program Studi Agribisnis, Fakultas Pertanian, Perikanan dan Biologi. Selama perkuliahan penulis aktif pada berbagai organisasi mahasiswa diantaranya Himpunan Mahasiswa Agribisnis (HIMAGRIS) dan Unit Kegiatan Mahasiswa Komunitas Mahasiswa Pencinta Alam-Sosial Universitas Bangka Belitung (UKM KOMPAS UBB).