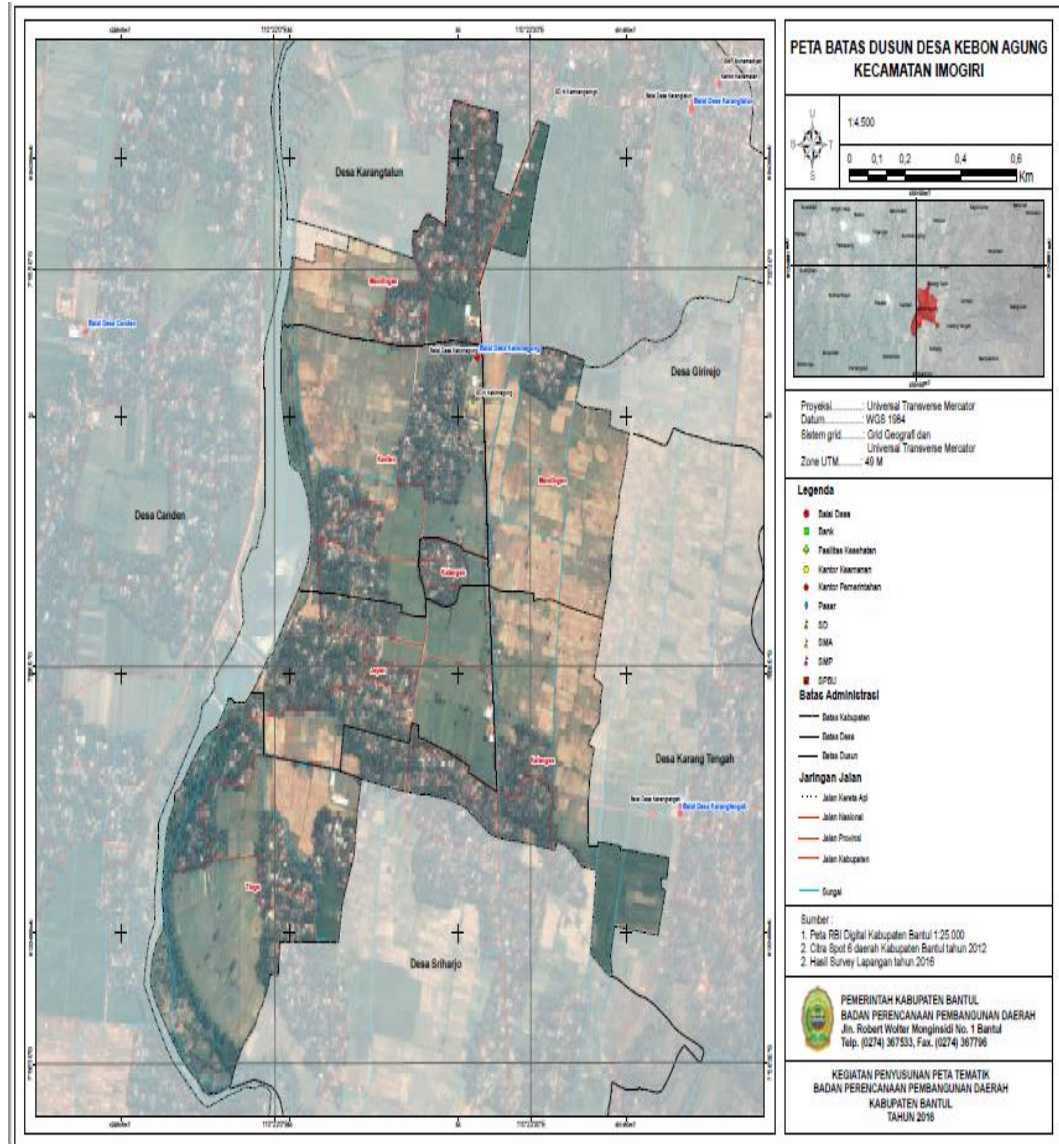


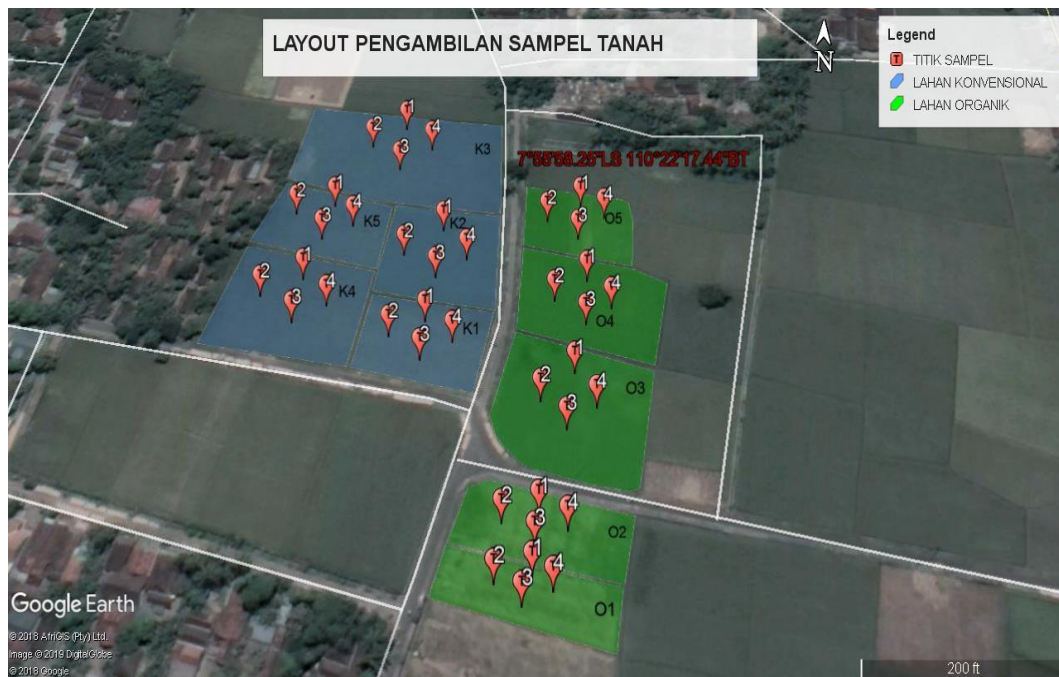
LAMPIRAN

Lampiran 1. Peta Administrasi Desa Kebonagung



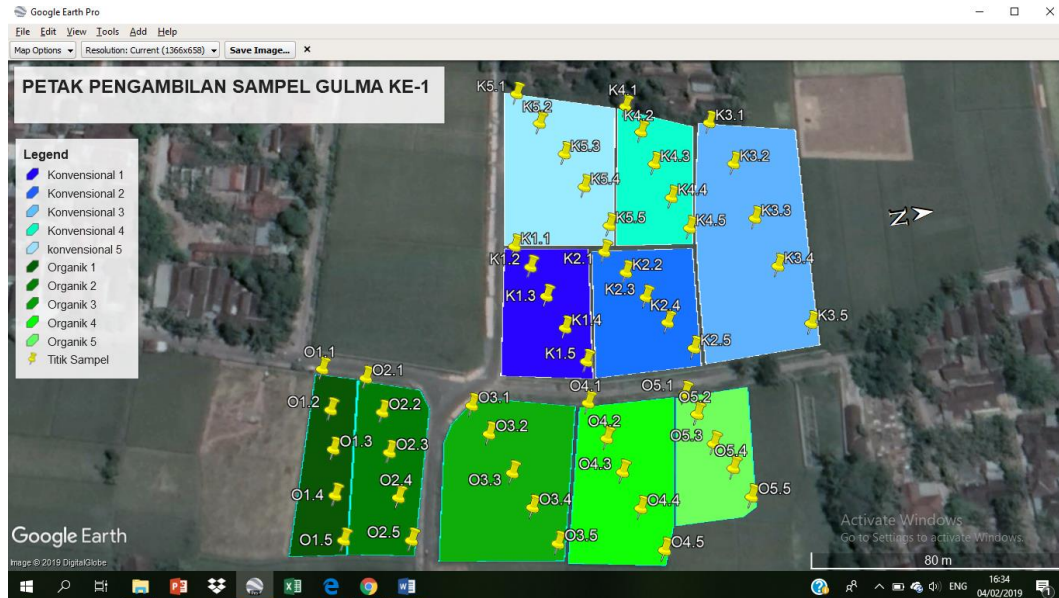
Sumber : BAPPEDA, 2016.

Lampiran 2. Layout Pengambilan Sampel Tanah

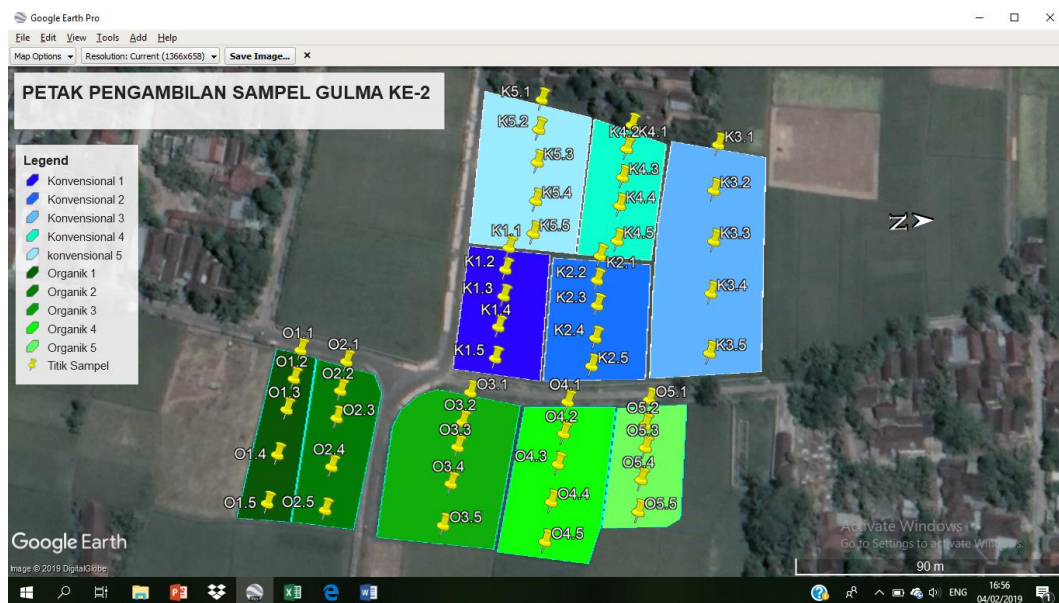


Lampiran 3. Layout Pengambilan Sampel Gulma

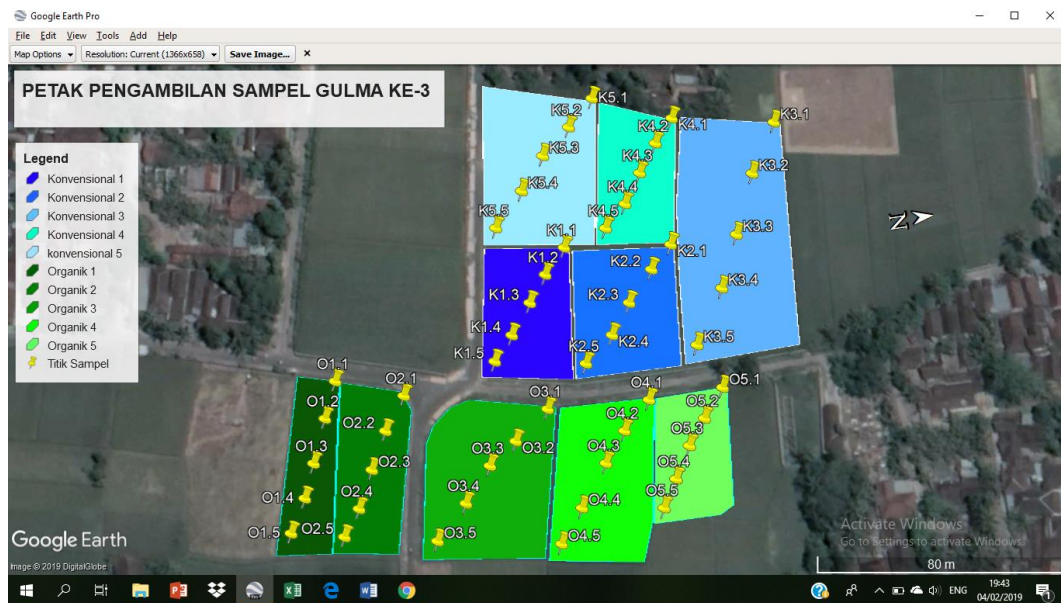
a. Pengambilan Sampel Gulma 60 HST



b. Pengambilan Sampel Gulma 74 HST



c. Pengambilan Sampel Gulma 84 HST



Lampiran 4. Hasil Uji t-Test Tanah

a. Kadar Lengas Tanah

t-Test: Kadar Lengas Tanah

	Organik	Konvensional
Mean	4,276	5,476
Variance	0,36263	1,20703
Observations	5	5
Pooled Variance	0,78483	
Hypothesized Mean Difference	0	
Df	8	
t Stat	-2,14172375	
P(T<=t) one-tail	0,03230137	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,06460274	
t Critical two-tail	2,306004135	

b. C-Organik Tanah

t-Test: Kandungan C-Organik Tanah

	Organik	Konvensional
Mean	2,398	2,218
Variance	0,01002	0,07347
Observations	5	5
Pooled Variance	0,041745	
Hypothesized Mean Difference	0	
Df	8	
t Stat	1,392965232	
P(T<=t) one-tail	0,100558965	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,201117931	
t Critical two-tail	2,306004135	

c. Bahan Organik Tanah

t-Test: Bahan Organik Tanah

	Organik	Konvensional
Mean	4,134	3,83
Variance	0,02923	0,2132
Observations	5	5
Pooled Variance	0,121215	
Hypothesized Mean Difference	0	
Df	8	
t Stat	1,380592167	
P(T<=t) one-tail	0,102373788	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,204747576	
t Critical two-tail	2,306004135	

d. Kadar N Total Tanah

t-Test: Kadar N Total Tanah

	Organik	Konvensional
Mean	0,094	0,156
Variance	3E-05	0,00453
Observations	5	5
Pooled Variance	0,00228	
Hypothesized Mean Difference	0	
Df	8	
t Stat	2,053025153	
P(T<=t) one-tail	0,037079499	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,074158998	
t Critical two-tail	2,306004135	

e. C/N Ratio Tanah

t-Test: C/N Ratio Tanah

	Organik	Konvensional
Mean	25,56	16,004
Variance	2,31965	231,67273
Observations	5	5
Pooled Variance	116,99619	
Hypothesized Mean Difference	0	
Df	8	
t Stat	1,396883816	
P(T<=t) one-tail	0,099990079	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,199980157	
t Critical two-tail	2,306004135	

Lampiran 5. Jumlah Gulma pada Lahan Padi Organik dan Padi Konvensional

No	Jenis	Berdasarkan Tipe Daun	Organik			Konvensional		
			Jumlah Individu			Jumlah Individu		
			Waktu			Waktu		
			1	2	3	1	2	3
1	<i>Sphenoclea zeylanica</i>	Berdaun lebar	29	6	3	33	10	11
2	<i>Cyperus rotundus</i> L	Teki	1	0	2	0	5	2
3	<i>Leptochloa chinensis</i> L	Rumputan	11	27	50	7	12	18
4	<i>Echinochloa glabrescens</i>	Rumputan	0	0	0	1	2	0
5	<i>Echinochloa crus-gally</i> L	Rumputan	0	0	0	1	0	0
6	<i>Frimbristylis miliaceae</i>	Teki	3	1	0	0	2	2
7	<i>Ludwigia Adscenden</i> L	Berdaun lebar	4	3	3	27	30	13
8	<i>Ludwigia octovalvis</i>	Berdaun lebar	0	8	0	0	0	0
9	<i>Alternanthera philoxeroides</i>	Berdaun lebar	0	9	9	3	8	7
10	<i>Pistia stratiotes</i> L	Berdaun lebar	0	2	1	54	10	37
Jumlah Individu			48	56	68	126	79	90
Total Jumlah Individu			172			295		

Lampiran 6. Jenis Gulma pada Lahan Padi Organik dan Padi Konvensional

a. *Ludwigia adscenden* L
(Daun Lebar)



b. *Ludwigia octovalvis*
(Daun Lebar)



c. *Pistia stratiotes* L
(Daun Lebar)



d. *Frimbristylis miliacea*
(Teki)



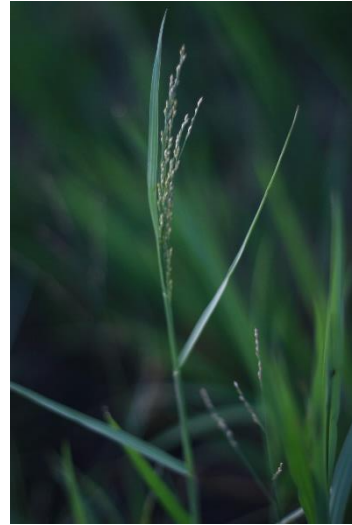
e. *Echinochloa glabrescens*
(Rumputan)



f. *Alternanthera philoxeroides*
(Daun Lebar)



g. *Cyperus rotundus*
(Teki)



h. *Leptochloa chinensis* L
(Rumputan)



i. *Echinochloa crus-galli*
(Rumputan)



j. *Sphenoclea zeylanica*
(Daun Lebar)

Lampiran 7. Hasil Uji t-Test Indeks Keanekaragaman Gulma

t-Test: Indeks keanekaragaman gulma (H')		
	Organik	Konvensional
Mean	0,613888286	0,865410118
Variance	0,004659528	0,050750945
Observations	3	3
Pooled Variance	0,027705237	
Hypothesized Mean Difference	0	
df	4	
	-	
t Stat	1,850718576	
P(T<=t) one-tail	0,068937318	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,137874636	
t Critical two-tail	2,776445105	

Lampiran 8. Hasil Uji t-Test Indeks Dominasi Gulma

t-Test: Indeks dominasi gulma (D)		
	Organik	Konvensional
Mean	0,491338339	0,582927772
Variance	0,010578888	0,001903876
Observations	3	3
Pooled Variance	0,006241382	
Hypothesized Mean Difference	0	
df	4	
	-	
t Stat	1,419876654	
P(T<=t) one-tail	0,114331739	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,228663477	
t Critical two-tail	2,776445105	

Lampiran 9. Hasil Uji t-Test Indeks Kemerataan Gulma

t-Test: Indeks kemerataan gulma		
	Organik	Konvensional
Mean	0,558585506	0,682278268
Variance	0,008137619	0,033103971
Observations	3	3
Pooled Variance	0,020620795	
Hypothesized Mean Difference	0	
df	4	
	-	
t Stat	1,054962958	
P(T<=t) one-tail	0,175473727	
t Critical one-tail	2,131846786	
P(T<=t) two-tail	0,350947454	
t Critical two-tail	2,776445105	

Lampiran 10. Hasil Uji t-Test Jumlah Jenis, Jumlah Individu dan Bobot Kering Gulma

a. Jumlah Jenis

t-Test: Jumlah Jenis Pengamatan 60 HST

	Organik	Konvensional
Mean	2,08	2,72
Variance	0,832	2,752
Observations	5	5
Pooled Variance	1,792	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	0,755928946	
P(T<=t) one-tail	0,23568084	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,471361681	
t Critical two-tail	2,306004135	

t-Test: Jumlah Jenis Pengamatan 74 HST

	Organik	Konvensional
Mean	2,08	2,88
Variance	1,472	1,792
Observations	5	5
Pooled Variance	1,632	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	0,990147543	
P(T<=t) one-tail	0,175550302	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,351100605	
t Critical two-tail	2,306004135	

t-Test: Jumlah Jenis Pengamatan 88 HST

	Organik	Konvensional
Mean	2,08	3,04
Variance	1,472	0,448
Observations	5	5
Pooled Variance	0,96	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	1,549193338	
P(T<=t) one-tail	0,079964247	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,159928493	
t Critical two-tail	2,306004135	

b. Jumlah Individut-Test: Jumlah Individu Pengamatan 60
HST

	Organik	Konvensional
Mean	8,16	20,16
Variance	56,128	186,368
Observations	5	5
Pooled Variance	121,248	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	1,723113792	
P(T<=t) one-tail	0,061581223	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,123162446	
t Critical two-tail	2,306004135	

t-Test: Jumlah Individu Pengamatan 74

HST

	Organik	Konvensional
Mean	8,96	13,12
Variance	29,568	90,752
Observations	5	5
Pooled Variance	60,16	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	0,848026495	
P(T<=t) one-tail	0,210534853	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,421069706	
t Critical two-tail	2,306004135	

t-Test: Jumlah Individu Pengamatan 88

HST

	Organik	Konvensional
Mean	10,88	16,8
Variance	81,152	150,08
Observations	5	5
Pooled Variance	115,616	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	0,870527993	
P(T<=t) one-tail	0,204686216	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,409372432	
t Critical two-tail	2,306004135	

c. Bobot Kering Gulma

t-Test: Bobot Kering Pengamatan 60 HST

	Organik	Konvensional
Mean	2,24208	4,70112
Variance	0,675752192	12,32037075
Observations	5	5
Pooled Variance	6,498061472	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	1,525259329	
P(T<=t) one-tail	0,082852332	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,165704665	
t Critical two-tail	2,306004135	

t-Test: Bobot Kering Pengamatan 74 HST

	Organik	Konvensional
Mean	4,15696	25,4304
Variance	17,02286541	1749,954989
Observations	5	5
Pooled Variance	883,4889271	
Hypothesized Mean Difference	0	
df	8	
	-	
t Stat	1,131637086	
P(T<=t) one-tail	0,145282843	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,290565685	
t Critical two-tail	2,306004135	

t-Test: Bobot Kering Pengamatan 88 HST

	Organik	Konvensioal
Mean	6,48512	4,512
Variance	43,98240947	6,342272
Observations	5	5
Pooled Variance	25,16234074	
Hypothesized Mean Difference	0	
df	8	
t Stat	0,621939276	
P(T<=t) one-tail	0,275645247	
t Critical one-tail	1,859548038	
P(T<=t) two-tail	0,551290494	
t Critical two-tail	2,306004135	