Daftar Pustaka

Abang, A.F., Kouame, C.M., Abang, M., Hannah, R., Fotso, A.K., 2013. Vegetable growers perception of pesticide use practices, cost, and health effects in the tropical region of Cameroon. *Int. J. Agron. Plant Prod. 4 (5), 873–883*.

Arikunto, Suharsimi. 1997. *Prosedur Penelitian Suatu Pendekatan Praktek Edisi Revisi V*. Penerbit Rineka Cipta. Jakarta

Arora, Sumitra, Sehgal, M., Srivastava, D.S., Arora, Sanjay and Sarkar, S.K. 2019. Rice pest management with reduced risk pesticides in India. *Environmental Monitoring and Assessment* 191(4):241. doi: https://doi.org/10.1007/s10661-019-7384-5.

Aubertot J.N., Barbier J.M., Carpentier .A., Gril J.J., Guichard. L., Lucas. P., Voltz. M. 2005. Réduire l'utilisation des pesticides et en limiterles impacts environnementaux. *Pesticides, agriculture et environnement*

Baehaki, S.E. 2011. Strategi fundamental pengendalian hama wereng batang coklat dalam pengamanan produksi padi nasional. *Pengembangan Inovasi Pertanian.* 4(1):63–75.

Balai Besar Peramalan dan Pengamatan Organisme Penggangu Tanaman .2018. *Laporan Kinerja*

Baldi, I., Bouvier, G., Cordier, S., Coumoul, X., Elbaz, A., Gamet-Payrastre, L., Lebailly, P., Multigner, L., Rahmani, R., Spinosi, J., van Maele-Fabry, G. 2013. Pesticides. Effets sur la santé. Synthèse et recommandations. *Expertise collective*. INSERM, Paris

Bassil, KL., Vakil, C., Sanborn, M., Cole, DC., Kaur, JS., Kerr, KJ. 2007. Cancer health effects of pesticides: systematic review. *Can Fam Physician* 53:1704–1711

Burdon, F,J., Munz, N,A., Reyes, M., Focks, A., Joss, A., Rasanen, K., Altermatt, F., Eggen, R,I,L., Stamm, C. 2019. Agriculture versus wastewater pollution as drivers of macroinvertebrate community structure in streams. *Sci Total Environ* 659:1256–1265. https://doi.org/10. 1016/j.scitotenv.2018.12.372

Bottrell, D.G. and Schoenly, K.G. 2012. Resurrecting the ghost of green revolutions past: the brown planthopper as a recurring threat to high-yielding rice production in tropical Asia. *Journal of Asia-Pacific Entomology* 15(1):122–140.

Bottrell, D.R. and Bottrell, D.G. (1979). Integrated Pest Management. *Council on Environmental Quality*. p. 120 pp.

Biro Pusat Statistik. 2023. *Statistik Indonesia 2023*. Jakarta (ID): Biro Pusat Statistik.

Brevik, E.C., Sauer, T.J., 2015. The past, present, and future of soils and human health studies. *Soil 1*, 35–46. https://doi.org/10.5194/soil-1-35-2015.

Cabauatan, P.Q. and Hibino, H. 1984. Detection of spherical and bacilliform virus particles in tungro-infected plants by leafhopper transmission. *IRRN* 9:18–19.

Carson, R.1962. *Silent spring*. The Riverside Press, Cambridge

Chagnon, M., Kreutzweiser, D., Mitchell, E.A.D., Morrissey, C.A., Noome, D.A., Van Der Sluijs, J.P., 2015. Risks of large-scale use of systemic insecticides to ecosystem functioning and services. *Environ. Sci. Pollut. Control Ser. 22, 119–134.*

Deutsch, C.A., Tewksbury, J.J., Tigchelaar, M., Battisti, D.S., Merrill, S.C., Huey, R.B. and Naylor, R.L. 2018. Increase in crop losses to insect pests in a warming climate. *Science*. 361(6405):916–919.

FAO.2020. *Integrated Pest Management.* FAO definition. http:// www.fao.org/agriculture/crops/thematic-sitemap/theme/pests/ipm/ en/.

Fox, J.1991. Managing the ecology of rice production in Indonesia. *Indonesia: Resources, Ecology, and Environment.* Oxford University Press: Singapore, Singapore, pp. 61–84.

Fox, J.1993. Ecological policies for sustaining high production in rice: Observations on rice intensification in Indonesia. *South-East Asia's Environmental Future*. Oxford University Press: Kuala Lumpur, Malaysia. 211–224.

Gallagher, K.D. 1984. Effects of Host Plant Resistance on the Microevolution of the Rice Brown Planthopper, Nilaparvata Lugens Stal(Homoptera: Delphacidae). *Dissertation*. University of California, Berkeley, USA.

Gallagher, K.D., Kenmore, P.E., Sōgawa, K. 1994. Judicial use of insecticides deter planthopper outbreaks and extend the life of resistant varieties in Southeast Asian rice. Planthoppers: *Their Ecology and Management* 599–614.

Gould, F., Kennedy, G.G., Johnson, M.T. 1991. Effects of natural enemies on the rate of herbivore adaptation to resistant host plants. *Entomol. Exp. Appl.* 58, 1–4.

Hallmann, C.A., Foppen, R.P.B., van Turnhout, C.A.M., de Kroon, H., Jongejans, E .2014. Declines in insectivorous birds are associated with high neonicotinoid concentrations. *Nature* 511:341–343. https://doi.org/ 10.1038/nature13531

Hallmann, C.A., Sorg, M., Jongejans, E., Siepel, H., Hofland, N., Schwan, H., Stenmans, W., Muller, A., Sumser, H., Horren, T., Goulson, D., de Kroon, H. 2017. More than 75 percent decline over 27 years in total flying insect biomass in protected areas. *Plos One* 12:e0185809. https:// doi.org/10.1371/journal.pone.0185809

Hedlund, J., Longo, SB., York, R. 2020. Agriculture, Pesticide Use, and Economic Development: A Global Examination (1990–2014). *Rural Sociol* 85:519–544. https://doi.org/10.1111/ruso.12303

Hoppin, J.A., LePrevost, C.E. 2017. Pesticides and human health. Pest management within the environment. *Challenges for agronomists, ecologists, economists and policymakers.* John Wiley & Sons, Chichester, UK, pp. 251-273

Ifriza, Y.N. dan Djuniadi, D. (2015). Perancangan sistem pakar penyuluh diagnosa hama padi dengan metode forward chaining. *Jurnal Teknik Elektro* 7(1):30–36.

Jacob, J., Sudarmaji, Singleton, G. R., Rahmini, Herawati, N. A., & Brown, P. R. (2010). Ecologically based management of rodents in lowland irrigated rice fields in Indonesia. *Wildlife Research*, 37(5), 418- 427. https://doi.org/10.1071/WR10030.

Kiritani, K. 1979. Pest management in rice. *Annu. Rev. Entomol*. 24, 279–312.

Leong, W.H., Teh, S.Y., Hossain, M.M., Nadarajaw, T., Zabidi-Hussin, Z., Chin, S.Y., Lai, K.S., Lim, S.H.E., 2020. Application, monitoring and adverse effects in pesticide use: the importance of reinforcement of Good Agricultural Practices (GAPs). *J. Environ. Manag. 260, 109987*

Ling, K.C. 1979. *Rice Virus Disease*. IRRI

Litsinger, J.A., Libetario, E.M., Canap, B.L. 2009. Integrated Pest Management: Dissemination and Impact. *Springer Science*. Business Media B.V

Macharia, I., Mithofer, D., Waibel, H. 2013. Pesticide handling practices by vegetable farmer in Kenya. *Environ. Dev. Sustain. 15, 887–902*

Malian, A.H., Mardianto, S. dan Ariani, M. 2016. Faktor-faktor yang mempengaruhi produksi, konsumsi dan harga beras serta inflasi bahan makanan. *Jurnal Agro Ekonomi* 22(2): 119–146.

Maulana, M. 2016. Peranan luas lahan, intensitas pertanaman dan produktivitas sebagai sumber pertumbuhan padi sawah di Indonesia 1980–2001. *Jurnal Agro Ekonomi* 22(1):74–95.

Mekonnen, M., Keesstra, S.D., Stroosnijder, L., Baartman, J.E.M., Maroulis, J., 2015. Soil conservation through sediment trapping: a review. *L. Degrad. Dev*. 26, 544–556. https://doi.org/10.1002/ldr.2308.

Pretty, J. and Bharucha, Z.P. 2015. Integrated pest management for sustainable intensification of agriculture in Asia and Africa. *Insects* 6(1):152–182.

Pusat Data dan Sistem Informasi Pertanian. 2021. *Statistik Iklim, Organisme Pengganggu Tanaman dan Dampak Perubahan Iklim.* Jakarta (ID): Sekretariat Jenderal Kementerian Pertanian

Rahaman, M.M., Islam, K.S., Jahan, M., 2018. Rice Farmers' knowledge of the risks of pesticide use in Bangladesh. *J. Health Pollut. 8 (20).*

Rario, Budi., Kasto., Ritohardoyo, Su. 2005. Persepsi dan Perilaku Petani dalam Penanganan Resiko Pestisida pada Lingkungan di Kelurahan Kalampang, Kecamatan Sabangau Kota Palangkaraya. *Jurnal Manusia dan Lingkungan 12(1): 43- 52*

Rao, A.N., Johnson, D.E., Sivaprasad, B., Ladha, J.K., Mortimer, A.M., 2007. Weed management in direct-seeded rice. *Adv. Agron*. 93, 153–255. https://doi.org/ 10.1016/S0065-2113(06)93004-1.

Robinson, C., Portier, C.J., Cavoski, A., Mesnage, R., Roger, A., Clausing, P., Whaley, P., Muilerman, H., Lyssimachou, A. 2020. Achieving a High Level of Protection from Pesticides in Europe: Problems with the Current Risk Assessment Procedure and Solutions. *Eur J Risk Regul* 11:450–480. https://doi.org/10.1017/err.2020.18

Roling, N., van de Fliert, E.1994. Transforming extension for sustainable agriculture: The case of integrated pest management in Indonesia. *Agric. Hum. Values* 11, 96–108.

Settle, W.H., Ariawan, A., Astuti, E.T., Cahyana, W., Hakim, A.L., Hindayana, D., Lestari, A.S., Pajarningsih. 1996. Managing tropical rice pests through conservation of generalist natural enemies and alternative prey. *Ecology* 77, 1975–1988.

Siregar, Amalia Zuliyanti. 2007. *Hama - Hama Tanaman Padi*. Universitas Sumatra Utara: Medan.

Sheahan, M., Barrett, C.B., Goldvale, C. 2017. Human health and pesticide use in Sub-Saharan Africa. *Agric Econ* 48:27–41. https://doi.org/10.1111/agec12384

Sholikhin, H.F., 2018. Hubungan Pengetahuan, Sikap Dan Tindakan Penggunaan Pestisida Dengan Gangguan Pengelihatan Petani Di Desa Munggangsari, Kecamatan Kaliangrik Kabupaten Magelang. *Skripsi*. Universitas Muhammadiyah Magelang, Magelang.

Stern, V.M., Smith, R.F., van den Bosch, R., Hagen, K.S. 1959. The integrated control concept. *Hilgardia* 29:81–101

Sudarmaji. 2018. *Tikus Sawah: bioekologi dan pengendalian.* Jakarta. IAARD Press.

Sudir, S., Nasution, A., Santoso, S. dan Nuryanto, B. 2014. Penyakit blas Pyricularia grisea pada tanaman padi dan strategi pengendaliannya. *Iptek Tanaman Pangan* 9(2):85–96.

Sudir, S., Nuryanto, B. dan Kadir, T.S. 2012. Epidemiologi, patotipe, dan strategi pengendalian penyakit hawar daun bakteri pada tanaman padi. *Iptek Tanaman Pangan* 7(2):79–87.

Sugiyono. 2005. *Statistik Untuk Penelitian*. Penerbit C.V. Alfabeta Bandung.

_____.2008. *Metode Penelitian Kombinasi (Mixed Methods).* Penerbit Alfabeta Bandung.

Sulaiman Wahid. 2005. *Statistik Non-Parametrik Contoh Kasus dan Pemecahannya dengan SPSS*. Penerbit Andi. Yogyakarta.

Sutanto R. ,2002. *Pertanian Organik Menuju Pertanian Alternatif dan Berkelanjutan*. Penerbit Kanisius, Yogyakarta.

Syam, Mahyuddin, Suparyono, Hermanto, dan Diah Wurjandari S. 20 11. *Masalah Lapangan Hama Penyakit Hara Pada Padi*. Pusat Penyuluhan Pertanian: Jakarta.

Untung, K. 2007. *Kebijakan Perlindungan Tanaman*. Gadjah Mada University Press, Yogyakarta

Widiarta, I.N. 2014. Strategi Pengendalian terpadu penyakit tungro berdasarkan dinamika populasi vektor, patologi, dan epidemiologi virus. *Jurnal Penelitian dan Pengembangan Pertanian* 33(2):61–68.

Widiarta., I.N. dan Muhsin, M. 2016. *Pengendalian Penyakit Tungro Terpadu Tanaman Padi Berdasarkan Dinamika Populasi Vektor Dan Epidemiologi Virus*. IAARD Press. Jakarta. p. 74. pp

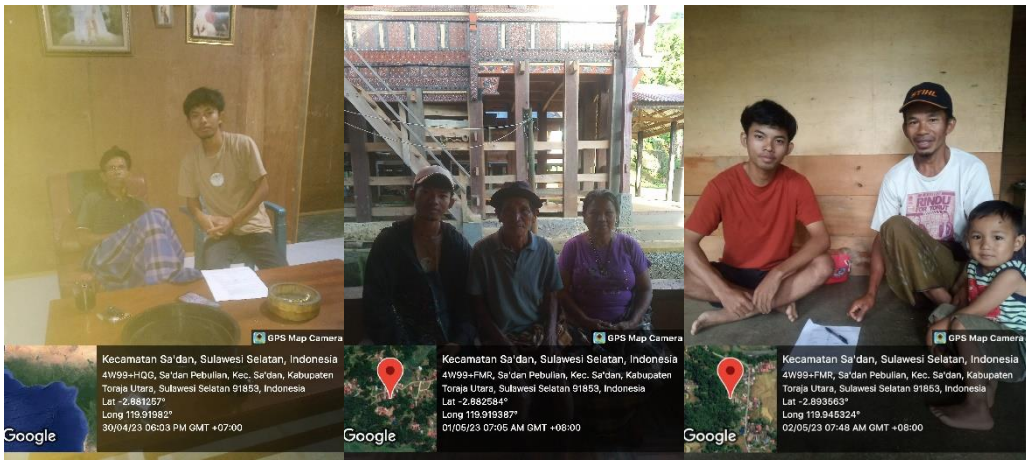
Widiarta., I.N. dan Suharto, H. 2009. Pengendalian Hama dan Penyakit Tanaman Padi Secara Terpadu. hlm. 441-469. Dalam Suyamto, I. N. Widiarta dan Satoto (Ed.). *Padi Buku 1*. Jakarta (ID): LIPI Press. p. 529.

LAMPIRAN

1. Dokumentasi Proses Pengisian Kuisioner

Gambar 1. Wawancara Petani Desa Loang Tanduk

Gambar 2. Wawancara Petani Desa Tampan Bonga



Gambar 3. Wawancara Petani Desa Sa'dan Pebulian

2. Dokumentasi Hama, Penyakit dan Musuh Alami

Gambar 4. Hama Utama pada Tanaman Padi

Gambar 5. Musuh Alami pada Tanaman Padi

Lampiran Tabel

Lampiran Tabel 1. Daftar nama, umur, lama Bertani, dan luas lahan responden

Desa Pebulian				
No	Nama	Umur (thn)	Lama Bertani (Thn)	Luas Lahan (ha)
1	Marthen Minggu Sole	58	25	1
2	Yunus Deda	60	25	1
3	Yusuf Parapa	62	35	1
4	Agustina Pamean	59	25	0,5
5	Paulus Sampe	55	25	1,5
6	Maria Sulele	54	25	0,5
7	Radak	65	35	0,8
8	Aser Parewang	43	20	0,8
9	Sumule	60	40	0,5
10	Markus Bela	51	25	0,6
11	Keru'	65	40	1
12	Yohanis Salempang	43	15	0,8
13	Duma Kaso	44	15	0,5
14	Jhon Ganna Parapa	49	20	0,8
15	Yulius Kondo Tasik	55	25	0,5
16	Ludia Sattu Lambu	58	30	0,5
17	Natan Daud	54	35	0,6
18	Mulianus Tinting	49	25	0,5
19	Mangambe	59	30	1
20	Yusuf Roni Massolo	43	20	1
Desa Tampan Bonga				
No	Nama	Umur (thn)	Lama Bertani (Thn)	Luas Lahan (ha)
1	Seni	43	15	0,5
2	Yusuf Patayanan	50	20	1,5
3	Matus Rante P	51	20	0,8
4	Daniel Situru	44	15	1
5	Seni Somba	49	10	0,5
6	Samuel Pameru	54	20	1,5
7	Sangka Biantong	42	15	1
8	Imanuel Rottang Parada	59	40	2
9	Tappi	29	10	0,4
10	Natan Situru	48	25	1,2
11	Petrus Biantong	47	20	2
12	Sirampun	43	20	1
13	Yohanes Tammu	35	35	1
14	Andarias P	58	20	0,8

15	Marten Ramba	43	20	1
16	Maru Patarru	31	15	1
17	Roy Sulu	44	30	0,5
18	Yohanes Pamula	46	18	1,5
19	Marten Lampung	50	30	2,5
20	Yosep	40	15	0,5
Desa Laang Tanduk				
1	Ludia Nanna	65	45	0,5
2	Agustinus Lebang	49	30	2
3	Amos Robe Lolo	62	10	1
4	Yohana Malino	58	30	0,5
5	Marten Tappi Duapadang	57	30	2
6	Alfrida Lolok	63	50	1
7	Oktavianus Raba	40	20	2
8	Marthen Patabang	45	20	0,8
9	Daud Biri’	44	20	0,5
10	Marthinus Ra’ba	48	29	0,8
11	Sampe K	50	25	0,5
12	Amos Layuk	46	20	0,4
13	Daniel Mangalo	38	15	1
14	Natan Simon	45	20	0,8
15	Yunus Taruk	48	20	0,5
16	Matius Sale’	55	15	0,5
17	Markus Layuk	58	20	0,5
18	Daniel Duma	49	10	1
19	Candra Toding	39	10	1,2
20	Hendrik Bua	36	10	0,8

Lampiran Tabel 2. Data sebelum dan setelah dikonversi

Desa Pabulian						
No	**Sebelum dikonversi**			**Setelah Dikonversi**		
	X1	**X2**	**Y**	**X1**	**X2**	**Y**
1	10	91	81	40	72,8	64,8
2	12	96	83	48	76,8	66,4
3	15	93	77	60	74,4	61,6
4	12	95	81	48	76	64,8
5	19	92	94	76	73,6	75,2
6	13	88	76	52	70,4	60,8
7	10	96	82	40	76,8	65,6
8	16	90	91	64	72	72,8
9	11	89	88	44	71,2	70,4
10	10	92	74	40	73,6	59,2

11	17	95	89	68	76	71,2
12	12	98	72	48	78,4	57,6
13	12	87	74	48	69,6	59,2
14	11	89	77	44	71,2	61,6
15	14	93	86	56	74,4	68,8
16	10	94	74	40	75,2	59,2
17	13	96	82	52	76,8	65,6
18	11	92	80	44	73,6	64
19	12	88	84	48	70,4	67,2
20	14	95	89	56	76	71,2
Desa Tampan Bonga						
No	**Sebelum dikonversi**			**Setelah Dikonversi**		
	X1	**X2**	**Y**	**X1**	**X2**	**Y**
1	9	86	75	36	68,8	60
2	15	90	74	60	72	59,2
3	14	90	85	56	72	68
4	15	95	74	60	76	59,2
5	13	92	85	52	73,6	68
6	18	98	76	72	78,4	60,8
7	12	92	75	48	73,6	60
8	16	99	84	64	79,2	67,2
9	16	91	75	64	72,8	60
10	18	101	82	72	80,8	65,6
11	20	107	96	80	85,6	76,8
12	18	94	80	72	75,2	64
13	16	94	80	64	75,2	64
14	17	96	84	68	76,8	67,2
15	14	91	79	56	72,8	63,2
16	20	99	84	80	79,2	67,2
17	16	93	73	64	74,4	58,4
18	12	88	81	48	70,4	64,8
19	14	91	83	56	72,8	66,4
20	13	93	78	52	74,4	62,4
Desa Laang Tanduk						
No	**Sebelum dikonversi**			**Setelah Dikonversi**		
	X1	**X2**	**Y**	**X1**	**X2**	**Y**
1	13	92	81	52	73,6	64,8
2	17	100	82	68	80	65,6
3	14	97	80	56	77,6	64
4	10	90	71	40	72	56,8
5	17	96	72	68	76,8	57,6
6	12	91	75	48	72,8	60
7	20	98	74	80	78,4	59,2
8	13	94	75	52	75,2	60
9	15	92	80	60	73,6	64
10	11	89	71	44	71,2	56,8
11	17	94	87	68	75,2	69,6
12	14	90	85	56	72	68

13	19	91	85	76	72,8	68
14	12	94	73	48	75,2	58,4
15	15	97	84	60	77,6	67,2
16	17	90	84	68	72	67,2
17	14	87	79	56	69,6	63,2
18	11	90	75	44	72	60
19	13	92	75	52	73,6	60
20	12	90	74	48	72	59,2

Lampiran Tabel 3. Analisis statistic pengetahuan, sikap, dan perilaku Kelurahan Laang Tanduk, Lembang Tampan Bonga dan Lembang Sa'dan Pebulian

Statistik Kelurahan Laang Landuk				
		Pengetahuan	Sikap	Perilaku
N	Valid	20	20	20
	Missing	0	0	0
Mean		57.20	74.16	62.48
Std. Error of Mean		2.481	.614	.928
Median		56.00	73.60	61.60
Mode		68	72	60
Std. Deviation		11.096	2.748	4.152
Variance		123.116	7.552	17.240
Skewness		.476	.569	.225
Std. Error of Skewness		.512	.512	.512
Kurtosis		-.577	-.444	-1.385
Std. Error of Kurtosis		.992	.992	.992
Range		40	10	13
Minimum		40	70	57
Maximum		80	80	70
Sum		1144	1483	1250

Statistik Lembang Tampan Bonga				
		Pengetahuan	Sikap	Perilaku
N	Valid	20	20	20
	Missing	0	0	0
Mean		61.20	75.20	64.12
Std. Error of Mean		2.498	.878	.992
Median		62.00	74.40	64.00
Mode		64	73	60[a]
Std. Deviation		11.171	3.928	4.437
Variance		124.800	15.427	19.690
Skewness		-.215	.943	1.058
Std. Error of Skewness		.512	.512	.512
Kurtosis		.049	1.268	2.022

Std. Error of Kurtosis	.992	.992	.992
Range	44	17	18
Minimum	36	69	58
Maximum	80	86	77
Sum	1224	1504	1282

Statistik Lembang Sa'dan Pebulian				
		Pengetahuan	Sikap	Perilaku
N	Valid	20	20	20
	Missing	0	0	0
Mean		50.80	73.96	65.36
Std. Error of Mean		2.231	.570	1.133
Median		48.00	74.00	65.20
Mode		48	74[a]	59
Std. Deviation		9.977	2.549	5.067
Variance		99.537	6.499	25.674
Skewness		1.081	-.143	.255
Std. Error of Skewness		.512	.512	.512
Kurtosis		.769	-1.054	-.871
Std. Error of Kurtosis		.992	.992	.992
Range		36	9	18
Minimum		40	70	58
Maximum		76	78	75
Sum		1016	1479	1307

Lampiran Tabel 4. Analisis Nonparametrik Korelasi Spearman Kelurahan Laang Tanduk, Lembang Tampan Bonga dan Lembang Sa'dan Pebulian

Kelurahan Laang Tanduk					
			Pengetahuan	Sikap	Perilaku
Spearman's rho	Pengetahuan	Correlation Coefficient	1.000	.515*	.570**
		Sig. (2-tailed)	.	.020	.009
		N	20	20	20
	Sikap	Correlation Coefficient	.515*	1.000	.139
		Sig. (2-tailed)	.020	.	.558
		N	20	20	20
	Perilaku	Correlation Coefficient	.570**	.139	1.000
		Sig. (2-tailed)	.009	.558	.
		N	20	20	20

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Lembang Tampan Bonga					
			Pengetahuan	Sikap	Perilaku
Spearman's rho	Pengetahuan	Correlation Coefficient	1.000	.803**	.254
		Sig. (2-tailed)	.	.000	.281
		N	20	20	20
	Sikap	Correlation Coefficient	.803**	1.000	.328
		Sig. (2-tailed)	.000	.	.158
		N	20	20	20
	Perilaku	Correlation Coefficient	.254	.328	1.000
		Sig. (2-tailed)	.281	.158	.
		N	20	20	20

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Lembang Sa'dan Pebulian					
			Pengetahuan	Sikap	Perilaku
Spearman's rho	Pengetahuan	Correlation Coefficient	1.000	.064	.554*
		Sig. (2-tailed)	.	.790	.011
		N	20	20	20
	Sikap	Correlation Coefficient	.064	1.000	.042
		Sig. (2-tailed)	.790	.	.859
		N	20	20	20
	Perilaku	Correlation Coefficient	.554*	.042	1.000
		Sig. (2-tailed)	.011	.859	.
		N	20	20	20

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Lampiran Tabel 5. Frekuensi pengetahuan di Kelurahan Laang Tanduk, Lembang Tampan Bonga dan Lembang Sa'dan Pebulian

Kelurahan Laang Tanduk					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	40	1	5.0	5.0	5.0
	44	2	10.0	10.0	15.0
	48	3	15.0	15.0	30.0
	52	3	15.0	15.0	45.0
	56	3	15.0	15.0	60.0

	60	2	10.0	10.0	70.0
	68	4	20.0	20.0	90.0
	76	1	5.0	5.0	95.0
	80	1	5.0	5.0	100.0
	Total	20	100.0	100.0	

Lembang Tampan Bonga					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	36	1	5.0	5.0	5.0
	48	2	10.0	10.0	15.0
	52	2	10.0	10.0	25.0
	56	3	15.0	15.0	40.0
	60	2	10.0	10.0	50.0
	64	4	20.0	20.0	70.0
	68	1	5.0	5.0	75.0
	72	3	15.0	15.0	90.0
	80	2	10.0	10.0	100.0
	Total	20	100.0	100.0	

Lembang Sa'dan Pebulian					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	40	4	20.0	20.0	20.0
	44	3	15.0	15.0	35.0
	48	5	25.0	25.0	60.0
	52	2	10.0	10.0	70.0
	56	2	10.0	10.0	80.0
	60	1	5.0	5.0	85.0
	64	1	5.0	5.0	90.0
	68	1	5.0	5.0	95.0
	76	1	5.0	5.0	100.0
	Total	20	100.0	100.0	

Lampiran Tabel 6. Frekuensi sikap di Kelurahan Laang Tanduk, Lembang Tampan Bonga dan Lembang Sa'dan Pebulian

Kelurahan Laang Tanduk					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	70	1	5.0	5.0	5.0
	71	1	5.0	5.0	10.0

	72	5	25.0	25.0	35.0
	73	2	10.0	10.0	45.0
	74	3	15.0	15.0	60.0
	75	3	15.0	15.0	75.0
	77	1	5.0	5.0	80.0
	78	2	10.0	10.0	90.0
	78	1	5.0	5.0	95.0
	80	1	5.0	5.0	100.0
	Total	20	100.0	100.0	

Lembang Tampan Bonga

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	69	1	5.0	5.0	5.0
	70	1	5.0	5.0	10.0
	72	2	10.0	10.0	20.0
	73	3	15.0	15.0	35.0
	74	2	10.0	10.0	45.0
	74	2	10.0	10.0	55.0
	75	2	10.0	10.0	65.0
	76	1	5.0	5.0	70.0
	77	1	5.0	5.0	75.0
	78	1	5.0	5.0	80.0
	79	2	10.0	10.0	90.0
	81	1	5.0	5.0	95.0

Lembang Sa'dan Pebulian

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	70	1	5.0	5.0	5.0
	70	2	10.0	10.0	15.0
	71	2	10.0	10.0	25.0
	72	1	5.0	5.0	30.0
	73	1	5.0	5.0	35.0
	74	3	15.0	15.0	50.0
	74	2	10.0	10.0	60.0
	75	1	5.0	5.0	65.0
	76	3	15.0	15.0	80.0
	77	3	15.0	15.0	95.0
	78	1	5.0	5.0	100.0
	Total	20	100.0	100.0	

Lampiran Tabel 7. Frekuensi perilaku responden Kelurahan Laang Tanduk, Lembang Tampan Bonga dan Lembang Sa'dan Pebulian

Kelurahan Laang Tanduk					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	57	2	10.0	10.0	10.0
	58	1	5.0	5.0	15.0
	58	1	5.0	5.0	20.0
	59	2	10.0	10.0	30.0
	60	4	20.0	20.0	50.0
	63	1	5.0	5.0	55.0
	64	2	10.0	10.0	65.0
	65	1	5.0	5.0	70.0
	66	1	5.0	5.0	75.0
	67	2	10.0	10.0	85.0
	68	2	10.0	10.0	95.0
	70	1	5.0	5.0	100.0
	Total	20	100.0	100.0	
Lembang Tampan Bonga					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	58	1	5.0	5.0	5.0
	59	2	10.0	10.0	15.0
	60	3	15.0	15.0	30.0
	61	1	5.0	5.0	35.0
	62	1	5.0	5.0	40.0
	63	1	5.0	5.0	45.0
	64	2	10.0	10.0	55.0
	65	1	5.0	5.0	60.0
	66	1	5.0	5.0	65.0
	66	1	5.0	5.0	70.0
	67	3	15.0	15.0	85.0
	68	2	10.0	10.0	95.0
	77	1	5.0	5.0	100.0
	Total	20	100.0	100.0	
Lembang Sa'dan Pebulian					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	58	1	5.0	5.0	5.0
	59	3	15.0	15.0	20.0
	61	1	5.0	5.0	25.0
	62	2	10.0	10.0	35.0

	64	1	5.0	5.0	40.0
	65	2	10.0	10.0	50.0
	66	2	10.0	10.0	60.0
	66	1	5.0	5.0	65.0
	67	1	5.0	5.0	70.0
	69	1	5.0	5.0	75.0
	70	1	5.0	5.0	80.0
	71	2	10.0	10.0	90.0
	73	1	5.0	5.0	95.0
	75	1	5.0	5.0	100.0
	Total	20	100.0	100.0	