ตารางภาคผนวก

Appendix table 1 : Analysis of variance of initial weight of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	6.409	2.136	0.338^{NS}
Error	32	202.466	6.327	
Total	35	208.875		

Appendix table 2 : Analysis of variance of finishing weight (60- slaughter weights) of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	5.698	1.899	0.052^{NS}
Error	32	1764.463	36.389	
Total	35	1170.160		

Appendix table 3 : Analysis of variance of final weight (30- slaughter weights) of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4437.522	1479.174	141.924*
Error	32	333.514	10.422	
Total	35	4771.036		

Appendix table 4 : Analysis of variance of feed intake of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.039	0.013	2.600^{NS}
Error	32	0.161	0.005	
Total	35	0.200		

Appendix table 5 : Analysis of variance of feed intake of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.231	0.077	7.612*
Error	32	0.321	0.010	
Total	35	0.552		

Appendix table 6 : Analysis of variance of feed intake of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.503	0.168	7.988^{NS}
Error	32	0.673	0.021	
Total	35	1.176		

Appendix table 7 : Analysis of variance of weight gain of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	3.974	1.325	0.054^{NS}
Error	32	791.881	24.746	
Total	35	795.855		

Appendix table 8 : Analysis of variance of weight gain of boars in finishing weight (60-slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4281.301	1427.100	35.900*
Error	32	1272.056	39.752	
Total	35	5553.357		

Appendix table 9 : Analysis of variance of weight gain of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4533.109	1511.036	86.635*
Error	32	558.126	17.441	
Total	35	5091.235		

Appendix table 10 : Analysis of variance of total feed intake of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	169.560	56.520	0.319^{NS}
Error	32	5671.387	177.231	
Total	35	5840.947		

Appendix table 11 : Analysis of variance of total feed intake of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	46196.779	14531.293	11.768*
Error	32	41874.840	1310.757	
Total	35	88071.620		

Appendix table 12 : Analysis of variance of total feed intake of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	51296.220	17098.740	19.855*
Error	32	27557.754	8611.80	
Total	35	78853.974		

Appendix table 13 : Analysis of variance of period of feeding of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	70.407	23.469	0.231^{NS}
Error	32	3254.745	101.711	
Total	35	3325.153		

Appendix table 14 : Analysis of variance of period of feeding of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	6216.857	2072.286	9.214*
Error	32	7196.799	224.900	
Total	35	13413.657		

Appendix table 15 : Analysis of variance of period of feeding of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	9317.827	3105.942	12.559*
Error	32	7913.920	247.310	
Total	35	17231.747		

Appendix table 16 : Analysis of variance of average daily gain of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.003	0.096	0.068^{NS}
Error	32	0.451	0.014	
Total	35	0.454		

Appendix table 17 : Analysis of variance of average daily gain of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.508	0.169	1.138^{NS}
Error	32	4.765	0.149	
Total	35	5.273		

Appendix table 18 : Analysis of variance of average daily gain of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.030	0.010	0.652^{NS}
Error	32	0.490	0.015	
Total	35	0.520		

Appendix table 19 : Analysis of variance of feed conversion ratio of boars in growing weight (30- 60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.093	0.031	13.879^{NS}
Error	32	0.071	0.002	
Total	35	0.164		

Appendix table 20 : Analysis of variance of feed conversion ratio of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.457	0.152	0.152^{NS}
Error	32	32.198	1.006	
Total	35	32.656		

Appendix table 21 : Analysis of variance of feed conversion ratio of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.162	0.054	0.300^{NS}
Error	32	5.780	0.181	
Total	35	5.942		

Appendix table 22 : Analysis of variance of cost of feeding of boars in growing weight (30-60 kg) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4.670	1.557	13.879^{NS}
Error	32	3.589	0.112	
Total	35	8.260		

Appendix table 23 : Analysis of variance of cost of feeding of boars in finishing weight (60- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	20.961	6.987	0.152^{NS}
Error	32	1475.749	46.117	
Total	35	1496.711		

Appendix table 24 : Analysis of variance of cost of feeding of boars in final weight (30- slaughter weights) at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	7.426	2.475	0.299^{NS}
Error	32	264.923	8.279	
Total	35	272.353		

Appendix table 25 : Analysis of variance of slaughter weight of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4437.522	1479.174	141.924*
Error	32	333.514	10.422	
Total	35	4771.035		

Appendix table 26 : Analysis of variance of hot carcass weight of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2802.222	934.074	78.856*
Error	32	380.355	11.886	
Total	35	3182.576		

Appendix table 27 : Analysis of variance of chilled carcass weight of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2691.494	897.165	89.383*
Error	32	321.194	10.037	
Total	35	3012.688		

Appendix table 28 : Analysis of variance of dressing percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	34.354	11.451	3.861*
Error	32	94.917	2.966	
Total	35	129.272		

Appendix table 29 : Analysis of variance of carcass length of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	258.473	86.158	19.314*
Error	32	142.749	4.461	
Total	35	401.222		

Appendix table 30 : Analysis of variance of carcass backfat thickness of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	1.065	0.353	3.352*
Error	32	3.387	0.106	
Total	35	4.452		

Appendix table 31 : Analysis of variance of loin eye area of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	601.300	200.433	0.023*
Error	32	1771.274	55.352	
Total	35	2372.574		

Appendix table 32 : Analysis of variance of lean cut of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	91.624	30.541	4.480^{*}
Error	32	218.162	6.818	
Total	35	309.786		

Appendix table 33 : Analysis of variance of head percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	11.469	3.823	1.198^{NS}
Error	32	102.119	3.191	
Total	35	113.588		

Appendix table 34 : Analysis of variance of blood percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.257	0.086	0.278^{NS}
Error	32	9.841	0.308	
Total	35	10.099		

Appendix table 35 : Analysis of variance of liver percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.065	0.022	0.349^{NS}
Error	32	1.998	0.062	
Total	35	2.064		

Appendix table 36 : Analysis of variance of heart percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.062	0.020	2.740^{NS}
Error	32	0.239	0.008	
Total	35	0.300		

Appendix table 37 : Analysis of variance of stomach percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.044	0.014	2.167^{NS}
Error	32	0.214	0.007	
Total	35	0.258		

Appendix table 38 : Analysis of variance of kidney percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.0006	0.0002	0.087^{NS}
Error	32	0.0673	0.0021	
Total	35	0.0679		

Appendix table 39 : Analysis of variance of tongue percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.004	0.001	0.182^{NS}
Error	32	0.251	0.008	
Total	35	0.256		

Appendix table 40 : Analysis of variance of spleen percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.007	0.0024	0.497^{NS}
Error	32	0.156	0.0049	
Total	35	0.163		

Appendix table 41 : Analysis of variance of small intestine percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.184	0.061	0.820^{NS}
Error	32	2.390	0.075	
Total	35	2.574		

Appendix table 42 : Analysis of variance of large intestine percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.583	0.194	1.417^{NS}
Error	32	4.386	0.137	
Total	35	4.968		

Appendix table 43 : Analysis of variance of lung percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.118	0.039	0.269^{NS}
Error	32	4.672	0.146	
Total	35	4.789		

Appendix table 44 : Analysis of variance of loin percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	3.110	1.037	1.934[NS]
Error	32	17.158	0.536	
Total	35	20.268		

Appendix table 45 : Analysis of variance of tenderloin percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.155	0.051	1.466[NS]
Error	32	1.126	0.035	
Total	35	1.280		

Appendix table 46 : Analysis of variance of lean meat percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	24.884	8.295	1.166[NS]
Error	32	227.684	7.115	
Total	35	252.569		

Appendix table 47 : Analysis of variance of belly percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	3.657	1.219	0.347[NS]
Error	32	112.339	3.510	
Total	35	115.996		

Appendix table 48 : Analysis of variance of spare rib percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	15.200	5.067	1.846^{NS}
Error	32	87.833	2.745	
Total	35	103.033		

Appendix table 49 : Analysis of variance of legs percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2.854	0.951	3.531^{NS}
Error	32	8.622	0.269	
Total	35	11.476		

Appendix table 50 : Analysis of variance of jawl percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2.897	0.966	0.799^{NS}
Error	32	38.672	1.209	
Total	35	41.568		

Appendix table 51 : Analysis of variance of fat percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	12.720	4.240	1.116^{NS}
Error	32	121.572	3.800	
Total	35	134.293		

Appendix table 52 : Analysis of variance of skin percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4.263	1.421	0.767^{NS}
Error	32	59.250	1.851	
Total	35	63.513		

Appendix table 53 : Analysis of variance of bone percentage of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	13.946	4.649	0.357^{NS}
Error	32	417.201	13.037	
Total	35	431.148		

Appendix table 54 : Analysis of variance of pH_1 values of *Longissimus dorsi* of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.526	0.175	0.854^{NS}
Error	32	6.570	0.205	
Total	35	7.096		

Appendix table 55 : Analysis of variance of pH_1 values of *Semimembranosus* of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.493	0.164	0.881^{NS}
Error	32	5.971	0.187	
Total	35	6.464		

Appendix table 56 : Analysis of variance of pH_u values of *Longissimus dorsi* of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.108	0.036	0.218[NS]
Error	32	0.760	0.025	
Total	35	0.869		

Appendix table 57 : Analysis of variance of pH_u values of *Semimembranosus* of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.052	0.018	0.218[NS]
Error	32	2.403	0.080	
Total	35	2.455		

Appendix table 58 : Analysis of variance of lightness (L*) of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.369	0.123	0.006[NS]
Error	32	649.701	20.303	
Total	35	650.070		

Appendix table 59 : Analysis of variance of redness (a*) of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	13.562	4.521	2.000[NS]
Error	32	72.345	2.261	
Total	35	85.907		

Appendix table 60 : Analysis of variance of yellowness (b*) of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	10.576	3.525	1.590^{NS}
Error	32	70.950	2.217	
Total	35	81.526		

Appendix table 61 : Analysis of variance of drip loss of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	56.432	18.811	0.807^{NS}
Error	32	746.246	23.320	
Total	35	802.678		

Appendix table 62 : Analysis of variance of thawing loss of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	120.178	40.059	1.897^{NS}
Error	32	675.761	21.118	
Total	35	795.940		

Appendix table 63 : Analysis of variance of cooking loss of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	47.588	15.863	0.996^{NS}
Error	32	509.816	15.932	
Total	35	557.465		

Appendix table 64 : Analysis of variance of grilling loss of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	1.740	0.578	0.017^{NS}
Error	32	1119.390	34.981	
Total	35	1121.130		

Appendix table 65 : Analysis of variance of shear force of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	195.907	65.302	2.717*
Error	32	769.071	24.033	
Total	35	964.978		

Appendix table 66 : Analysis of variance of water percentage of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	3.880	1.293	1.594^{NS}
Error	32	25.960	0.811	
Total	35	29.840		

Appendix table 67 : Analysis of variance of protein percentage of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	4.655	1.552	1.760^{NS}
Error	32	28.220	0.882	
Total	35	32.875		

Appendix table 68 : Analysis of variance of fat percentage of loin of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.264	0.088	0.097^{NS}
Error	32	28.938	0.904	
Total	35	29.202		

Appendix table 69 : Analysis of variance of lean meat of loin chop composition of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	10648.336	3549.445	1.843^{NS}
Error	32	61627.553	1925.861	
Total	35	72275.889		

Appendix table 70 : Analysis of variance of fat of loin chop composition of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	216.572	72.191	0.297^{NS}
Error	32	7728.178	243.193	
Total	35	7998.750		

Appendix table 71 : Analysis of variance of bone of loin chop composition of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	18.878	6.293	0.303^{NS}
Error	32	665.122	20.785	
Total	35	684.000		

Appendix table 72 : Analysis of variance of skin of loin chop composition of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	73.858	24.619	0.440^{NS}
Error	32	1789.364	55.918	
Total	35	1863.222		

Appendix table 73 : Analysis of variance of fat firmness of backfats of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	24669.405	8223.135	0.357^{NS}
Error	31	714070.200	23034.524	
Total	34	738739.405		

Appendix table 74 : Analysis of variance of TBA values of backfats at 0 day of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.376	0.125	0.735^{NS}
Error	32	5.460	0.171	
Total	35	5.836		

Appendix table 75 : Analysis of variance of TBA values of backfats at 7 days of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.306	0.102	0.246^{NS}
Error	32	13.235	0.414	
Total	35	13.541		

Appendix table 76 : Analysis of variance of TBA values of backfats at 14 days of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	1.535	0.512	0.474^{NS}
Error	32	34.552	1.080	
Total	35	36.087		

Appendix table 77 : Analysis of variance of TBA values of meats at 0 days of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.045	0.015	0.303^{NS}
Error	32	0.138	0.049	
Total	35	0.143		

Appendix table 78 : Analysis of variance of TBA values of meats at 7 days of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.012	0.040	0.047^{NS}
Error	32	2.411	0.086	
Total	35	2.423		

Appendix table 79 : Analysis of variance of TBA values of meats at 14 days of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	0.031	0.010	0.103^{NS}
Error	32	2.796	0.099	
Total	35	2.827		

Appendix table 80 : Analysis of variance of skatole concentrations of backfats of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2246.125	748.708	2.422*
Error	66	20401.875	309.119	
Total	69	22648.001		

Appendix table 81 : Analysis of variance of testosterone concentrations in blood serums of boars at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	14542.379	4847.460	0.629^{NS}
Error	29	223477.5	7706.121	
Total	32	238019.9		

Appendix table 82 : Analysis of variance of tenderness scores of boars meat at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2.267	0.756	1.221^{NS}
Error	221	136.773	0.619	
Total	224	139.040		

Appendix table 83 : Analysis of variance of juiciness scores of boars meat at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	6.729	2.243	3.851**
Error	221	128.720	0.582	
Total	224	135.449		

Appendix table 84 : Analysis of variance of flavour scores of boars meat at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	2.827	0.942	1.569^{NS}
Error	221	132.728	0.601	
Total	224	135.556		

Appendix table 85 : Analysis of variance of overall acceptability scores of boars meat at various slaughter weights

SOV	df	SS	MS	F-value
Treatment	3	3.220	1.073	1.571*
Error	221	151.002	0.683	
Total	224	154.222		

ประวัติการศึกษา

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ผลงานทางวิชาการที่เคยตีพิมพ์/เผยแพร่ ทั้งในและต่างประเทศ

สมจิต พิชิตภารตะพงษ์ สัญชัย จตุรสิทธา พันทิพา พงษ์เพียจันทร์ และบุญลือ เผือกผ่อง. 2543. การ
      ศึกษาเปรียบเทียบน้ำหนักฆ่าที่ระดับต่างๆ ของสุกรเพศผู้ต่อสมรรถนะการผลิตและ
      คุณภาพซาก. รายงานประชุมวิชาการ สาขาสัตว์ ครั้งที่ 38 มหาวิทยาลัยเกษตรศาสตร์
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