

Table 8. Interaction effects between feeding on DDGS and with or without SW on some blood plasma parameters of experimental rations.

Items	R1	R2	R3	R4	R5	R6	R7	R8	R9	± SEM	P
DDGS(%)	0.0	10.0	20.0	0.0	10.0	20.0	0.0	10.0	20.0		
SW(%)		0.0			0.5			1.0			
Total protein (g / 100ml)	5.22	6.04	5.62	5.88	5.21	5.20	5.40	5.79	6.46	0.286	0.031
Albumin (g /100ml)	4.05	3.64	3.82	3.83	3.91	4.26	4.47	5.04	3.89	0.280	0.079
Globulin (g /100ml)	1.17	2.40	1.80	2.05	1.30	0.94	0.92	0.75	2.57	0.406	0.008
AST (U / l)	23.47	44.53	36.80	42.67	57.33	53.33	25.07	36.27	50.40	7.437	0.620
ALT (U / l)	12.05	14.24	12.19	13.57	11.60	13.89	13.04	16.56	12.53	1.187	0.107
ALP* (U / 100ml)	51.40	55.84	53.20	78.17	55.03	62.17	80.64	73.84	71.30	7.548	0.489
Uric acid (mg / 100ml)	0.75	0.39	0.45	0.94	1.22	1.00	0.33	0.55	0.99	0.353	0.651
Urea-N (mg / 100ml)	35.04	45.95	45.37	40.50	40.58	42.81	46.53	41.49	41.74	2.309	0.018
Creatinine (mg / 100ml)	0.95	0.92	0.97	1.01	1.03	1.23	1.19	1.19	1.22	0.037	0.070
Cholesterol (mg / 100ml)	137.91	182.07	202.22	178.20	213.84	215.39	198.34	196.79	224.68	6.331	0.008
Triglycerides (mg / 00ml)	61.50	86.59	107.26	54.12	122.02	115.62	62.24	119.56	133.58	4.075	0.0004
Total lipids (mg / 100ml)	267.50	317.50	430.00	137.50	225.00	267.50	145.00	232.50	282.50	8.700	0.007
HDL** (mg / 100ml)	31.90	33.26	31.53	32.66	32.06	32.94	30.55	31.96	33.74	1.144	0.412
LDL*** (mg / 100ml)	93.71	131.50	149.23	134.71	157.38	159.32	155.34	140.92	164.23	6.959	0.008
pH	7.05	7.06	7.03	7.01	7.06	7.02	7.01	7.02	7.04	0.042	0.909

SEM = Standard error of means,

P = Probability,

* ALP : Alkaline phosphates, ** HDL : High density lipoproteins, *** LDL : Low density lipoproteins.

Table 7. Main effects of SW supplementation or feeding DDGS on some blood plasma parameters of experimental rations.

Items	SW(%)					DDGS(%)				
	0.0	0.5	1.0	± SEM	P	0.0	10.0	20.0	± SEM	P
Total protein (g / 100ml)	5.63	5.43	5.88	0.165	0.186	5.50	5.68	5.76	0.165	0.532
Albumin (g /100ml)	3.84 ^b	4.00 ^{ab}	4.47 ^a	0.162	0.035	4.12	4.20	3.99	0.162	0.660
Globulin (g /100ml)	1.79	1.43	1.41	0.234	0.457	1.38	1.48	1.77	0.234	0.489
AST (U / l)	34.93 ^b	51.11 ^a	37.24 ^b	4.294	0.033	30.40 ^b	46.04 ^a	46.84 ^a	4.294	0.023
ALT (U / l)	12.83	13.02	14.04	0.686	0.420	12.89	14.13	12.87	0.686	0.350
ALP* (U / 100ml)	53.48 ^b	65.12 ^{ab}	75.26 ^a	4.358	0.009	70.07	61.57	62.22	4.358	0.330
Uric acid (mg / 100ml)	0.53	1.05	0.62	0.204	0.181	0.67	0.72	0.81	0.204	0.886
Urea-N (mg / 100ml)	42.12	41.29	43.25	1.333	0.591	40.69	42.67	43.31	1.333	0.371
Creatinine (mg / 100ml)	0.95 ^c	1.09 ^b	1.20 ^a	0.021	<.0001	1.05 ^b	1.05 ^b	1.14 ^a	0.021	0.010
Cholesterol (mg / 100ml)	174.07 ^b	202.47 ^a	206.61 ^a	3.655	<.0001	171.48 ^c	197.57 ^b	214.10 ^a	3.655	<.0001
Triglycerides (mg / 100ml)	85.12 ^c	97.25 ^b	105.13 ^a	2.353	<.0001	59.29 ^c	109.39 ^b	118.82 ^a	2.353	<.0001
Total lipids (mg / 100ml)	338.33 ^a	210.00 ^b	220.00 ^b	5.023	<.0001	183.33 ^c	258.33 ^b	326.67 ^a	5.023	<.0001
HDL** (mg / 100ml)	32.23	32.55	32.08	0.660	0.878	31.70	32.42	32.74	0.660	0.538
LDL*** (mg / 100ml)	124.81 ^b	150.47 ^a	153.50 ^a	4.018	0.0001	127.92 ^c	143.27 ^b	157.60 ^a	4.018	0.0002
pH	7.05	7.03	7.02	0.024	0.780	7.02	7.05	7.03	0.024	0.804

SEM = Standard error of means,

* ALP : Alkaline phosphates,

P = Probability,

** HDL : High density lipoproteins,

*** LDL : Low density lipoproteins