

Table 2 Cross correlation between the physicochemical parameters of rice field's mosquito larval habitats subjected to various agricultural chemical inputs in Minna, Nigeria

Physico-chemical Parameters	Temperature	pH	Turbidity	Conductivity	Alkalinity	Hardness	K	Na	Phosphate	Nitrate	Chloride	D.O	B.O.D
Temperature	1.00												
pH	0.23	1.00											
Turbidity	<b>0.73*</b>	0.38	1.00										
Conductivity	0.18	<b>0.96*</b>	0.30	1.00									
Alkalinity	-0.06	<b>0.93*</b>	0.20	<b>0.96*</b>	1.00								
Hardness	0.32	0.69	0.07	0.69	0.59	1.00							
Potassium	-0.70	0.19	<b>-0.74*</b>	0.14	0.30	0.21	1.00						
Sodium	0.31	<b>0.89*</b>	0.37	<b>0.96*</b>	<b>0.88*</b>	<b>0.77*</b>	-0.04	1.00					
Phosphate	0.02	-0.92	-0.07	<b>-0.97*</b>	<b>-0.97*</b>	<b>-0.70*</b>	-0.34	<b>-0.91*</b>	1.00				
Nitrate	0.50	-0.20	0.21	0.01	-0.20	0.12	<b>-0.71*</b>	0.22	0.08	1.00			
Chloride	<b>0.95*</b>	0.35	0.69	0.38	0.12	0.42	<b>-0.70*</b>	0.51	-0.18	0.64	1.00		
D.O	0.65	-0.14	0.23	0.03	-0.23	0.08	-0.68	0.17	0.09	<b>0.92*</b>	<b>0.76*</b>	1.00	
B.O.D	0.69	-0.25	0.19	-0.15	-0.41	-0.04	-0.62	-0.05	0.27	<b>0.76*</b>	<b>0.72*</b>	<b>0.94*</b>	1.00

Note: \* = significantly correlate