

Table 4 Correlation analysis of fatty acids and seed development time of castor seed

	Development time	Myristic acid	Palmitic acid	Stearic acid	Oleic acid	Linoleic acid	Linolenic acid	Arachidic acid	Arachidonic acid	Behenic acid	Lignoceric acid	Ricinoleic acid
Myristic acid	-0.39											
Palmitic acid	0.16	0.83*										
Stearic acid	0.96**	-0.45	0.12									
Oleic acid	0.97**	-0.33	0.24	0.99**								
Linoleic acid	0.80*	0.14	0.66	0.81*	0.88**							
Linolenic acid	0.24	0.78*	1.00**	0.2	0.32	0.73						
Arachidic acid	0.65	0.2	0.66	0.69	0.77*	0.94**	0.72					
Arachidonic acid	0.94**	-0.47	0.09	0.99**	0.98**	0.80*	0.18	0.71				
Behenic acid	-0.47	0.99**	0.77*	-0.53	-0.42	0.04	0.71	0.09	-0.56			
Lignoceric acid	-0.47	0.99**	0.78*	-0.52	-0.41	0.05	0.72	0.1	-0.55	1.00**		
Ricinoleic acid	0.95**	-0.49	0.06	1.00**	0.98**	0.78*	0.15	0.67	0.99**	-0.58	-0.57	
Oil content	0.99**	-0.42	0.14	0.98**	0.98**	0.81*	0.21	0.67	0.96**	-0.51	-0.5	0.98**

Note: *Significant at $P < 0.05$

**Significant at $P < 0.01$