

Table 1 Lipid nutritional quality indices of *M. galloprovincialis* in control group (CTR) and glyphosate-exposed group (Gly) at 20 and 26 °C (Adopted from Biandolino et al., 2023)

-	20°C	26°C				
	CTR	Gly 1mg/L	Gly 10 mg/L	CTR	Gly 1mg/L	Gly 10mg/L
EPA+DHA%	24.6±2.4C	22.7±2.3 bc	18.4±1.5a	20.8±2.3 ab	21.5±1.1 abc	20.8±2.0 ab
n-3/n-6	5.17±0.47 bc	4.48±0.32a	4.56±0.25a	5.45±0.45C	4.71±0.14 ab	4.63±0.13a
n-6/n-3	0.19±0.02 ab	0.22±0.02 bc	0.22±0.02 bc	0.18±0.02 a	0.21±0.01 bc	0.21±0.01 bc
PUFA/SFA	0.85±0.12b	0.85±0.10b	0.61±0.03a	0.70±0.11 ab	0.84±0.10b	0.83±0.09b
UNS/SFA	1.25±0.16 abc	1.35±0.11 bc	1.04±0.04a	1.15±0.16ab	1.43±0.09 c	1.44±0.15C
ARA/DHA	0.33±0.03a	0.40±0.06b	0.44±0.08b	0.34±0.05a	0.37±0.03b	0.36±0.02ab
ARA/EPA	0.22±0.02 ab	0.24±0.00b	0.23±0.03b	0.20±0.00a	0.22±0.01 ab	0.28±0.01c
AI	0.99±0.11 ab	0.87±0.13a	1.16±0.06b	1.18±0.15b	0.93±0.07a	0.83±0.16a
TI	0.38±0.06a	0.38±0.05a	0.50±0.03b	0.44±0.04 ab	0.37±0.03a	0.37±0.08a
h/H	1.05±0.15 bc	1.15±0.14bc	0.76±0.05a	0.92±0.14ab	1.11±0.1 bc	1.28±0.18C
HPI	1.04±0.14 abc	1.16±0.09 c	0.86±0.04a	0.88±0.13ab	1.08±0.0 bc	1.24±0.16C
UI	186±11.7c	179±17.2 bc	150±6.5a	163±14.8 ab	176±7.5 bc	173±12.8 bc
FLQ	24.6±2.4c	22.7±1.8 bc	18.4±1.6a	20.8±2.3ab	21.5±1.2 abc	20.8±2.0 ab
PI	0.88±0.06C	0.84±0.07C	0.58±0.06a	0.68±0.108 ab	0.80±0.08 bc	0.82±0.06C

Table caption: Values are means±standard deviations; Values are means of three separate replicates. Means within the same row without a common lowercase letter differ significantly ($p<0.05$). EPA, eicosapentaenoic acid; DHA, docosahexaenoic acid; SFA, saturated fatty acids; PUFA, polyunsaturated fatty acids; UNS, unsaturated fatty; ARA, arachidonic acid; AI, atherogenic index; TI, thrombogenicity, h/H, hypocholesterolaemic/hypercholesterolaemic fatty acid ratio, HPI, health-promoting index; UI, unsaturation index; FLQ, flesh lipid quality; PI, polyene index