



New research, published in the journal [Aquaculture](#) shows that inclusion of polychaetes in maturation feed for shrimp improves sperm production and quality in the domesticated black tiger shrimp (*Penaues monodon*). The study examined the effects of polychaetes on growth, survival, reproductive performance and sperm physiology and morphology, compared to commercial pelleted feed. After four weeks, growth and survival rates of the polychaete-fed group were significantly higher than those of the pellet-fed group. Spermatophore weight and total sperm counts of the polychaete-fed group were significantly higher than those of the pellet-fed group at Weeks 3 and 4, whereas the percentage of abnormal sperm cells was significantly lower.