

**REVIEW : PROSPECT OF MANNAN OLIGOSACCHARIDE
(BIO-MOS) AS FOOD SUPPLEMENT FOR TIGER SHRIMP (*Penaeus monodon*)**

R. S. Bayu Mangkurat
Marine Science Department
Fisheries and Marine Science Faculty
Diponegoro University
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ABSTRACT

Aquaculture, as in agriculture practices, can produce high yields in relatively small areas. But, like land farming and animal husbandry, the concentration of growth presents special challenges not inherent in nature. Successful cultivation requires know-how, hard work and good luck. The aquaculturist is faced with a barrage of problems such as environmental changes, nutritional requirements, pollution and diseases. Producing a successful crop requires constant vigilance and educated decisions to overcome all the hurdles that present themselves. A miss on any one challenge may prevent a financially successful harvest. In a few year lately aquaculture world has been in a condition of by dread of the is existence of disease epidemic attack. Ferocious attack of monodon Baculo Virus disease (MBV) and White Spot Syndrome Virus (WSSV) to tiger prawn that happened globally, have paralysed aquaculture industry, especially for *P. monodon*. Mannan Oligosaccharide (MOS) can become the alternative food for aquaculture organism such as *P. monodon*. Moreover, same the disease caused by bacterium and virus may be prevented. However, the several things require to test and re-studied because the research in the field of this, specially using Mannan Oligosaccharide (MOS) still a few.

**(Key Words: *Penaeus monodon*, Mannan Oligosaccharide (MOS),
Supplement Food)**