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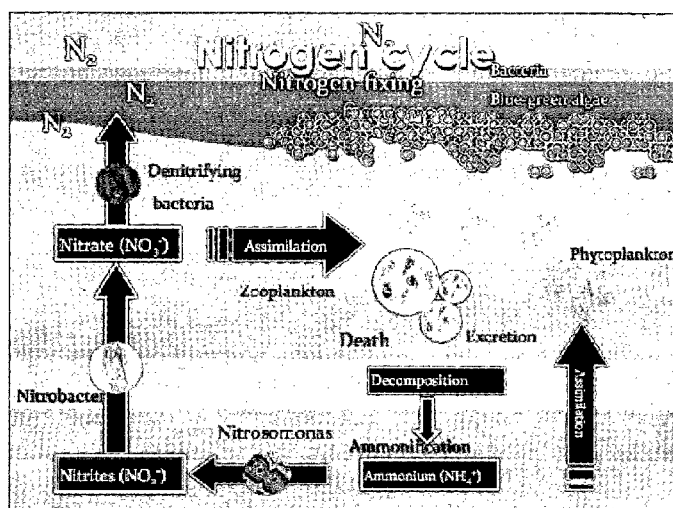
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(54) Title: MIXOTROPHIC METHOD OF AQUACULTURE



(57) Abstract: The present invention relates to a method of aquaculture of at least one farmed organism, such as fish, shrimp or any organism suitable for farming in an aquatic environment. There is provided a method of aquaculture of at least one farmed organism, the method comprising steps: (i) providing an aquatic environment comprising at least one farmed organism, phytoplankton and bacteria; (ii) providing at least one phytoplankton nutrient and at least one bacteria nutrient during a first predetermined period, allowing phytoplankton and bacteria to grow in a first predetermined phytoplankton: bacteria ratio of more than 1; (iii) providing at least one phytoplankton nutrient and at least one bacteria nutrient during a second predetermined period, allowing phytoplankton and bacteria to grow in a second predetermined phytoplankton: bacteria ratio, wherein the second predetermined phytoplankton: bacteria ratio is lower than the first predetermined phytoplankton: bacteria ratio; and (iv) providing at least one phytoplankton nutrient and at least one bacteria nutrient during a third predetermined period, allowing phytoplankton and bacteria to grow in a third predetermined phytoplankton: bacteria ratio, wherein the third predetermined phytoplankton: bacteria ratio is lower than the second predetermined phytoplankton: bacteria ratio, thereby allowing the at least one farmed organism to grow.