

# Fish Amino Acid – A Review

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**Abstract:** *During the fish processing, there are more than 60% of by product as waste which includes skin, head, viscera, trimmings, liver, bones and roes. These products contain good nutrient sources to plant growth and development. In view of utilizing these waste products into a good plant nutrition by fermenting them with country jaggery and well ripened Papaya in the ratio of 1:1:1. These products are mixed well and air tighten it. Leave it for fermentation upto 45 days. After 45 days well fermented Fish Amino Acid is ready to use. Fish Amino Acid Liquid (Fish Protein Hydrolysates) help plants regulate phototropism, photosynthesis, stimulate carbon and nitrogen metabolism, enhance nutrient availability in plant growth substrates, increase nutrient uptake and nutrient-use efficiency. This method of preparing Fish Amino Acid is very cheaper and every farmer can produce by themselves. Fish Amino Acid also improve the soil fertility and microbial activity in the soil. Fish Amino Acid also act as insect repellent to plant.*

**Keywords:** Fish Amino Acid, plant growth, nutrient, fermentation.

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