



ICAR - CIFT



CIFTEQ® AGROWFISH AGRIBOOSTER

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A balanced manure is one of the critical inputs for optimised productivity in agricultural farming. Of late, organic farming has emerged as an important activity in many parts of the country. By recycling fish wastes, the fertility of the farm can be enhanced and pesticide use can be reduced. *Fish dressing activities generates considerable quantity of discards, as high as 50-60% of raw material weight.* Even though this is *rich in nitrogen and other nutrients*, seldom considered for further utilisation or value addition.

As a step forward, *ICAR- CIFT has designed machinery lines for converting fish market bulk waste to agriculture manure.* The machines were designed and customised under the **SWATCHH BHARAT MISSION** programme of Government of India.

The manure unit has the *capacity to produce 1 Ton manure per day.* The manure produced by this technology is **rich in all vital elements** required for the growth of various categories of plants.

This new technology will definitely enhance the agricultural productivity and employment opportunity, thus enabling to improve the livelihood of the stakeholders.

ICAR-CIFT has developed a simplified process for converting fish market waste into high quality organic manure. The fish waste is shredded in the machine and mixed with the bacterial culture developed by the institute. It is then mixed with calculated quantity of coir pith/saw dust and kept under heaped condition. It is to be remixed in alternate days. In 5-6 days it gets fully dried and can be used as manure or can be packed.



BENEFITS OF AGROWFISH - AGRIBOOSTER

Simplified production technology and low cost	Completely organic and protects soil health	Suitable for vegetables, garden plants and plantation crops	Balanced proportion of NPK and rich other essential elements	Less investment, suitable for cottage industry
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