

FIELD TRIAL REPORT OF

AUROXY

1.1 INTRODUCTION

AUROXY is a unique blend of oxygen releaser compounds fortified with aqua probiotics and minerals for management of oxygen in aqua pond and it also improves immunity and health in aquaculture.

A trial was conducted in Prakash aqua farm near kurushetra , Haryana to evaluate the efficacy of **Auroxy** in oxygen management solution.

Aqua farm details :

Location	: Kurushetra , Haryana
Area	: 2 Acre
Species	: Common Carp, Rohu
Average weight	: 200 gm
Approx number of fishes	: 25,000

1.2 METHOD

1.2.1 PREPARATION AND APPLICATION

- 2 kg of Auroxy Formulation was sprinkled in aqua pond to get instant dissolved oxygen for aquaculture.
- Observed all the pond health parameters like Ammonia, Oxygen, pH, Nitrite for 15 days.

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1.2.3 DIAGNOSTIC MEASURES

- Ammonia testing through API Master test kit
- Nitrite testing through API Master test kit
- Oxygen testing through Oxygen testing kit
- pH testing through API master test kit

1.3 RESULTS

S.No.	Parameter	Before application	After 3 hr Application	After 15 days
1.	Ammonia	3 ppm	2 ppm	1 ppm
2.	Nitrite	0.5 ppm	0.25 ppm	0.1 ppm
3.	pH	8.5	8.5	8.2
4.	Oxygen	2 ppm	6 ppm	7 ppm

- Pond health parameters were improved during the observation period.

1.4 CONCLUSION

The formulation of AUROXY had been found effective in oxygen management solution. This had also helped to improve the water quality through management of Ammonia, nitrite, sludge, oxygen and toxicity of aquaculture.

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