

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:1694
ANSWERED ON:22.07.2014
WETLANDS FARMING
Kumar Shri P.

Will the Minister of AGRICULTURE be pleased to state:

- (a) whether the Government is considering to introduce Integrated Farming Model for wetlands;
- (b) if so, the details thereof;
- (c) whether agricultural university in Kerala has conducted any study in this regard; and
- (d) if so, the details and the outcome thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FOOD PROCESSING INDUSTRIES (DR. SANJEEV KUMAR BALYAN)

(a) & (b): Integrated Farming System is being promoted under the Rainfed Area Development Component of National Mission for Sustainable Agriculture. Farming system involving crops, plantation, pasture, livestock, fishery etc., suitable to various agro ecological conditions including that of wetlands is supported under the Mission.

(c) & (d): Yes. Kerala Agricultural University is involved in research on integrated farming systems at Regional Research Station, Kumarakom and Cropping Systems Research Center at Karamana. Outcome of some research findings are enumerated below:

1. Prawn culture in channels surrounding bunds on which coconut is grown gives production of 0.80 tons of fresh water prawns per ha to provide additional income to the farmer.
2. Rice-fish farming system is a viable technology for the Kuttanad tract. An yield of 0.60 tons of fish per ha can be obtained along with rice.
3. Raising ducks in a cage constructed over the fish pond, @ 400 birds/hectare, yields 5.4 tons per ha of fish with no extra cost on feed for fishes.
4. Productivity of wetlands in economic terms can be increased by 1.26 lakhs/ha by the systematic integration of fish, duck and buffalo along with rice.