

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:4111

ANSWERED ON:03.08.2009

EXTRACTION OF BIO DIESEL

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Will the Minister of DEFENCE be pleased to state:

- (a) whether the Defence Research Laboratory, Tezpur has completed the identification of strain, having high lipid content, for extraction of bio-diesel;
- (b) if so, the details thereof, including the places from which samples of algae have been collected; and
- (c) the extent to which the bio-diesel will fulfill the defence requirements?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF DEFENCE (SHRI A.K. ANTONY)

- (a) The Defence Research Laboratory (DRL), Tezpur is engaged in R&D work related to Bio-diesel from algae. So far, four strains have been identified, which show maximum lipid content upto 40%, for extraction of Bio-diesel.
- (b) Till date, the algal samples have been collected from the following places in Assam:-
Nagon, Sonitpur, Mangaldai, Karbi Anglog, Golaghat, Jorhat, Nalbari, Kamrup, Dhubri, Bongaigaon, Barpeta, Dhemaji and Goalpara.
- (c) Extensive R&D is required for production of Bio-diesel from algae to fulfill the defence requirements.