GOVERNMENT OF INDIA MINISTRY OF AGRICULTURE AND FARMERS WELFARE DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE

LOK SABHA UNSTARRED QUESTION NO.3616

TO BE ANSWERED ON THE 8TH AUGUST, 2017

DRIP IRRIGATION WITH WATER SOLUBLE FERTILIZERS

3616. SHRI BHARTRUHARI MAHTAB:

Will the Minister of AGRICULTURE AND FARMERS WELFARE ‡ãðŠãäÓã एवं किसान कल्याण ½ãâ¨ããè be pleased to state:

(a) the extent to which the Government has encouraged farmers to adopt drip irrigation with water soluble fertilizers in place of flow irrigation with conventional fertilizers along with the achievements thereof;

(b) whether the yield of various crops using drip irrigation with water soluble fertilizers is higher than the conventional fertilizers in the country;

(c) if so, the details thereof along with the demand and supply of water soluble fertilizers in the country as on date, State-wise;

(d) whether the import of the water soluble fertilizers have increased in the country during each of the last three years and the current year;

(e) if so, the details thereof, country-wise along with the names of Indian companies producing water soluble fertilizers in the country, company-wise; and

(f) the other steps taken/being taken by the Government to promote indigenous production of the water soluble fertilizers in the country?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

‡ãðŠãäÓã एवं किसान कल्याण ½ãâ¨ããÊã¾ã ½ãñâ À㕾ã ½ãâ¨ããè (SHRI PARSHOTTAM RUPALA)

(a): Government of India is implementing the Centrally Sponsored Scheme, Pradhan Mantri Krishi Sinchayee Yojana (PMKSY). Micro Irrigation (Drip & Sprinkler Systems) is promoted under the "Per Drop More Crop" component of PMKSY. The Drip irrigation system includes fertigation attachments for application of liquid fertilizer. So far an area of about 33.82 lakh ha. has been covered under Drip Irrigation in the country.

(b): Use of drip irrigation along with fertigation technology (use of water soluble fertilizers) increases water and nutrient use efficiency which results in higher crop productivity. As per the impact evaluation study on Micro Irrigation (2014), increase in the yield of various crops is given below:-

| S.No. | Crop | Average Productivity, MT/Ha | |
|-------|------------|-----------------------------|-----------|
| | | Without Drip | With Drip |
| | | | |
| 1. | Fruits | 13.52 | 19.25 |
| 2. | Vegetables | 11.40 | 17.41 |

(c) to (e): To meet the supply requirement beyond domestic production, liquid fertilizer is imported which is given at Annexure-I. the names of Indian companies producing water soluble fertilizers are at Annexure-II.

(f): To encourage more use of water soluble fertilizers, water soluble complex fertilizers have been incorporated in the Fertilizer (Control) Order, 1985. The general specifications of 100% water soluble mixture of fertilizers have also been specified under the Fertilizer (Control) Order, 1985. Besides this, the Indian Council of agricultural Research (ICAR) imparts training, organizers field demonstrations to educate farmers on advantages of use of water soluble fertilizers.

Annexure-I

Annexure to Lok Sabha Unstarred Question No. 3616 to be answered on 08.08.2017

Details of Import of Water Soluble Fertilizers during the last three years and the Current Year

Annexure-II

Annexure to Lok Sabha Unstarred Question No. 3616 to be answered on 08.08.2017.

Names of the Indian Companies Producing Water Soluble Fertilizers are as under:

- 1. Coromandel International Limited, Vizag, Andhra Pradesh,
- 2. Gujarat State Fertilizers & Chemicals Ltd, Vadodara, Gujarat,
- 3. Indian Farmers Fertilizers Cooperative Ltd (IFFCO), Kandla, Gujarat,
- 4. Mangalore Chemicals & Fertilizers Limited, Bangalore, Karnataka,
- 5. Rashtriya Chemicals and Fertilizers Ltd, Trombay, Maharashtra,
- 6. Zuari Agro Chemicals Limited, Goa
- Deepak Fertilizers and Petrochemicals Corporation Limited, Taloja, Maharashtra,
- 8. Everest Fertilizers and Chemicals Pvt. Ltd., Rajkot, Gujarat,
- 9. Gujarat Narmada Valley Fertilizers & Chemicals Ltd., Bharuch, Gujarat
- 10. Positive Chemicals Pvt. Ltd. Rajkot, Gujarat,
- 11. Sunshine International Agritech, Theni, Tamilnadu.
