



(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, organizes 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

(in MT)

S. No.	Country	Year			
		2014-15	2015-16	2016-17	2017-18 (up to 07/17)
1	China	89097	83426	126000	25138
2	Norway	27559	32128	16810	2417
3	Belgium	1045	2056	3081	1659
4	Israel	6573	5715	8200	0
5	Chile	4248	3754	6789	3289
6	Jordan	10502	7359	10549	910
7	Thailand	408	24	192	0
8	UAE	5759	9713	8300	3043
9	Netherland	408	552	1392	0
10	UK	0	0	0	0
11	Taiwan	96	96	0	0
12	Poland	0	21	21	0
13	Malaysia	0	0	0	0
14	Portugal	0	0	0	0
15	Germany	5	21	543	380
16	Russia	0	100	0	0
17	Spain	4	7	118	0
18	S. Arabia	400	500	195	0
19	Italy	45	0	231	0
20	Turkey	5	0	42	0
21	USA	0	0	221	0
22.	Singapore	0	0	0	312
23.	Sweden	0	0	0	147
	<b>Total</b>	<b>146154</b>	<b>145472</b>	<b>182684</b>	<b>37295</b>

**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
7. 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.

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