

consumed by foodgrain crops. About 6mt of nutrients may be added through manures, leaving a total nutrient gap of 10mt. The nutrient gap has to be met from bio fertilizers and other nutrient sources.

There is no scientific evidence of declining soil/crop productivity with judicious use of chemical fertilizers. However, imbalanced use of fertilizers (as evident from wide fertilizer NPK consumption ratios of 33.3:6.5:1, 34:8.7:1 and 15.3:4.9:1 against the desirable one of 4:2:1 in 2007-08 in agriculturally progressive states of Punjab, Haryana and Uttar Pradesh, respectively) coupled with low addition of organic matter over years has resulted into widespread multinutrient deficiencies and deterioration of soil health in the country. The deterioration is more pronounced in the intensively cultivated Indo-Gangetic plains. The deficiencies are more widespread of sulphur (41%), zinc (49%) and boron (33%). The limiting nutrients, not allowing full expression of other nutrients, lower the overall fertilizer response and crop productivity. The emerging scenario necessitates immediate adoption of soil test based site specific integrated nutrient management envisaging conjunctive use of both inorganic and organic sources of plant nutrient (compost, FYM, biofertilisers etc. and introduction of leguminous crops in the cropping system to sustain good soil health and higher crop productivity.

The demand (requirement), supply (availability) and sales of major Chemical Fertilizers namely Urea, DAP, Muriate of Potash (MOP) and complex fertilizers during the period from April to June, 2009 of current Kharif, 2009 is given at the Statement [Refer to the statement appended to the answer to USQ No. 1533 Part (c) to (e)]

Demand and supply of fertilizers

1537. DR. K. MALAISAMY: Will the Minister of CHEMICALS AND FERTILISERS be pleased to state:

- (a) what is the demand and supply position of Chemicals and Fertilizers in the country;
- (b) whether there is a shortage or surplus of supply and how long this situation will continue;
- (c) out of the total demand, how much of supply is from local manufacturers and how much from other sources with their respective market price to the farmers; and
- (d) whether the existing distribution system has been adequate and effective?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI SRIKANT JENA): (a) to (c) The demand (requirement) and supply (availability) of major Chemical Fertilizers namely Urea, Di-Ammonium Phosphate (DAP), Muriate of Potash (MOP) and NPK (complex) during the period from April to June, 2009 of current Kharif, 2009 is given in the enclosed statement (see below). The indigenous production of urea and DAP during this period have been about 45.87 LMT and 11.53 LMT respectively. The, imports of Urea and DAP during the same period

were to the tune of 8.25 LMT and 14.77 LMT. The maximum retail price (MRP) of fertilizer to the farmers in the country are as follows:

| Sl. No. | Name of fertiliser | MRP (as on date)/ (Rs./ tonne) |
|---------|--------------------|--------------------------------|
| 1 | Urea - 'N' | 4830 |
| 2 | DAP - 'P' | 9350 |
| 3 | MOP - 'K' | 4455 |

Supplies of fertilizers are regularly monitored and are regulated in accordance with the assessed requirement. As can be seen that availability of Urea, DAP and MOP is comfortable. There is little tightness in availability of complex fertilizers (NPK) because of low level of indigenous production and also that these can not be imported.

(d) The existing distribution system has helped in maintaining availability of fertilizers at assessed level.

Statement

Demand and supply of chemical fertilizer

Kharif 2009

| States | Urea | | (000* MTs) | | | |
|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | April 2009 | May 2009 | June 2009 | | | |
| | Require- ment | Availa- bility | Require- ment | Availa- bility | Require- ment | Availa- bility |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Andhra Pradesh | 35.00 | 148.26 | 65.00 | 215.35 | 200.00 | 290.64 |
| Karnataka | 40.00 | 68.59 | 60.00 | 81.61 | 130.00 | 135.91 |
| Kerala | 10.50 | 13.63 | 10.25 | 13.16 | 20.00 | 21.16 |
| Tamil Nadu | 55.00 | 65.74 | 60.00 | 62.06 | 80.00 | 79.93 |
| Gujarat | 65.50 | 117.14 | 59.00 | 131.77 | 140.00 | 226.11 |
| Madhya Pradesh | 26.00 | 75.17 | 71.50 | 123.77 | 136.50 | 185.49 |
| Chhattisgarh | 97.00 | 79.37 | 97.00 | 88.26 | 144.50 | 125.96 |
| Maharashtra | 225.04 | 160.62 | 212.08 | 276.06 | 202.94 | 304.84 |
| Rajasthan | 34.00 | 84.87 | 55.00 | 107.38 | 90.00 | 148.94 |
| Haryana | 50.00 | 77.17 | 100.00 | 156.85 | 210.00 | 220.74 |
| Punjab | 100.00 | 161.03 | 300.00 | 258.72 | 250.00 | 305.23 |
| Himachal Pradesh | 5.00 | 3.09 | 10.00 | 8.97 | 15.00 | 12.37 |
| Jammu & Kashmir | 13.61 | 13.81 | 25.72 | 13.31 | 14.26 | 16.93 |
| Uttar Pradesh | 200.00 | 382.95 | 500.00 | 644.17 | 700.00 | 719.47 |
| Uttarakhand | 2.50 | 10.03 | 23.00 | 21.70 | 30.00 | 37.79 |
| Bihar | 75.00 | 94.01 | 75.00 | 158.63 | 150.00 | 184.59 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------------|---------|---------|---------|---------|---------|---------|
| Jharkhand | 3.00 | 5.53 | 5.00 | 13.22 | 30.00 | 26.63 |
| Orissa | 10.00 | 26.69 | 20.00 | 46.87 | 40.00 | 58.49 |
| West Bengal | 30.10 | 81.48 | 42.40 | 103.07 | 81.20 | 110.45 |
| Assam | 10.80 | 22.83 | 15.60 | 23.46 | 25.20 | 28.41 |
| ALL INDIA : | 1095.10 | 1697.39 | 1816.59 | 2555.55 | 2706.51 | 3250.62 |

Kharif 2009

| States | DAP | | | | (000' MTs) | |
|-----------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | April 2009 | | May 2009 | | June 2009 | |
| | Require- ment | Availa- bility | Require- ment | Availa- bility | Require- ment | Availa- bility |
| Andhra Pradesh | 25.00 | 35.55 | 60.00 | 126.15 | 80.00 | 193.74 |
| Karnataka | 30.00 | 61.83 | 75.00 | 144.07 | 123.30 | 164.33 |
| Kerala | 2.00 | 1.50 | 2.00 | 2.18 | 4.50 | 10.27 |
| Tamil Nadu | 22.00 | 29.32 | 23.00 | 34.03 | 30.00 | 55.65 |
| Gujarat | 33.80 | 58.47 | 97.80 | 161.31 | 100.00 | 201.07 |
| Madhya Pradesh | 31.50 | 67.15 | 139.50 | 147.06 | 112.50 | 212.57 |
| Chhattisgarh | 27.00 | 26.17 | 27.00 | 45.44 | 40.50 | 55.37 |
| Maharashtra | 30.23 | 268.86 | 124.86 | 326.65 | 126.85 | 149.93 |
| Rajasthan | 13.00 | 21.32 | 18.00 | 59.97 | 60.00 | 78.66 |
| Haryana | 10.00 | 24.36 | 40.00 | 106.28 | 85.00 | 87.75 |
| Punjab | 60.00 | 28.50 | 30.00 | 96.81 | 75.00 | 73.78 |
| Jammu & Kashmir | 6.79 | 0.00 | 14.37 | 10.53 | 9.26 | 7.91 |
| Uttar Pradesh | 50.00 | 57.17 | 50.00 | 205.56 | 100.00 | 245.33 |
| Uttarakhand | 2.00 | 3.07 | 2.00 | 4.64 | 2.20 | 7.88 |
| Bihar | 15.00 | 15.24 | 25.00 | 39.22 | 50.00 | 24.94 |
| Jharkhand | 2.50 | 1.39 | 5.00 | 7.02 | 20.00 | 16.42 |
| Orissa | 2.00 | 7.34 | 5.00 | 10.37 | 24.00 | 58.17 |
| West Bengal | 11.90 | 22.94 | 15.50 | 36.73 | 32.90 | 53.47 |
| Assam | 1.35 | 0.00 | 1.95 | 0.00 | 3.15 | 4.45 |
| ALL INDIA : | 378.03 | 730.20 | 759.10 | 1565.01 | 1084.70 | 1707.18 |

Kharif 2009

| States | MOP | | | | (000* MTs) | |
|--------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | April 2009 | | May 2009 | | June 2009 | |
| | Require- ment | Availa- bility | Require- ment | Availa- bility | Require- ment | Availa- bility |
| Andhra Pradesh | 20.00 | 28.33 | 20.00 | 34.31 | 35.00 | 66.76 |
| Karnataka | 30.00 | 37.74 | 27.00 | 37.82 | 51.00 | 76.23 |
| Kerala | 9.80 | 8.67 | 11.20 | 12.85 | 15.70 | 26.57 |
| Tamil Nadu | 45.00 | 28.09 | 30.00 | 34.01 | 53.00 | 51.36 |
| Gujarat | 13.10 | 27.34 | 14.50 | 22.87 | 20.70 | 25.49 |
| Madhya Pradesh | 3.50 | 28.24 | 30.10 | 26.67 | 20.30 | 28.19 |
| Chhattisgarh | 12.00 | 11.20 | 13.80 | 18.61 | 18.00 | 16.52 |
| Maharashtra | 28.70 | 74.81 | 25.06 | 73.02 | 58.14 | 63.62 |
| Rajasthan | 1.30 | 11.11 | 0.80 | 8.53 | 1.70 | 5.73 |
| Haryana | 5.00 | 18.91 | 5.00 | 8.96 | 5.00 | 5.64 |
| Punjab | 8.00 | 18.99 | 8.00 | 17.17 | 10.00 | 12.19 |
| Jammu & Kashmir | 2.93 | 0.00 | 2.86 | 0.27 | 2.30 | 0.00 |
| Uttar Pradesh | 15.00 | 43.42 | 15.00 | 39.26 | 20.00 | 33.51 |
| Uttarakhand | 0.00 | 0.02 | 0.50 | 0.02 | 1.00 | 0.00 |
| Bihar | 5.00 | 30.47 | 10.00 | 38.97 | 20.00 | 26.19 |
| Jharkhand | 0.00 | 2.96 | 0.50 | 2.84 | 1.50 | 5.08 |
| Orissa | 2.50 | 21.57 | 12.50 | 23.85 | 24.50 | 25.69 |
| West Bengal | 12.32 | 25.06 | 14.10 | 47.90 | 17.80 | 35.33 |
| Assam | 5.04 | 13.77 | 7.28 | 22.71 | 11.76 | 10.38 |
| ALL INDIA : | 220.67 | 431.66 | 249.81 | 472.08 | 390.43 | 518.64 |

Kharif 2009

| States | Complex | | | | (000* MTs) | |
|----------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| | April 2009 | | May 2009 | | June 2009 | |
| | Require- ment | Availa- bility | Require- ment | Availa- bility | Require- ment | Availa- bility |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Andhra Pradesh | 120.00 | 122.45 | 100.00 | 179.96 | 150.00 | 201.26 |
| Karnataka | 50.00 | 86.24 | 76.90 | 107.45 | 109.50 | 94.51 |
| Kerala | 12.50 | 22.49 | 14.75 | 20.21 | 23.25 | 29.95 |
| Tamil Nadu | 28.50 | 41.89 | 34.50 | 56.56 | 26.50 | 50.19 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------------------|--------|--------|--------|--------|--------|--------|
| Gujarat | 20.50 | 52.82 | 38.80 | 67.91 | 38.50 | 35.73 |
| Madhya Pradesh | 11.85 | 20.12 | 54.35 | 30.79 | 84.55 | 13.13 |
| Chhattisgarh | 10.30 | 10.50 | 26.50 | 18.13 | 32.90 | 17.33 |
| Maharashtra | 80.75 | 96.89 | 105.94 | 102.48 | 141.42 | 121.91 |
| Rajasthan | 3.40 | 2.51 | 9.00 | 3.36 | 11.85 | 4.81 |
| Haryana | 1.00 | 3.44 | 6.00 | 1.76 | 5.00 | 1.65 |
| Punjab | 6.00 | 5.26 | 5.50 | 3.20 | 5.50 | 2.32 |
| Himachal Pradesh | 2.60 | 0.00 | 2.55 | 2.66 | 2.60 | 0.08 |
| Uttar Pradesh | 50.00 | 50.39 | 50.00 | 55.36 | 50.00 | 42.29 |
| Uttarakhand | 2.00 | 0.05 | 10.00 | 4.61 | 10.00 | 0.22 |
| Bihar | 15.00 | 15.71 | 25.00 | 33.82 | 42.50 | 26.63 |
| Jharkhand | 1.00 | 3.29 | 3.00 | 8.43 | 4.50 | 4.39 |
| Orissa | 6.70 | 14.16 | 17.60 | 33.33 | 35.30 | 49.59 |
| West Bengal | 21.05 | 76.47 | 22.60 | 56.00 | 32.00 | 46.23 |
| Assam | 0.50 | 2.57 | 0.72 | 0.00 | 1.16 | 0.00 |
| ALL INDIA : | 445.58 | 627.44 | 606.01 | 788.42 | 812.28 | 745.67 |

Uniform price for gas from K.G. Basin

1538. SHRI DHARAM PAL SABHARWAL: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether it is a fact that Ministry of Chemicals and Fertilizers has written to the Ministry of Petroleum and Natural Gas regarding pricing of gas from K.G. Basin;

(b) if so, whether there is any apprehension that fertilizer company's right take legal recourse in case of re-distribution and if uniform price of gas from K.G. Basin is not maintained; and

(c) if so, the details in this regard and corrective steps proposed to be taken by Government?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI SRIKANT JENA): (a) to (c) The Department of Fertilizers had written to Ministry of Petroleum and Natural Gas regarding pricing of gas from KG.Basin when the price of gas was being considered by the Empowered Group of Ministers in the year 2007. The Empowered Group of Ministers has already decided the price of natural gas from KGD6 Basin based on a formula. The approved price basis/ formula is uniformly applicable to all sectors for five years from the date of commencement of supply. The Department of Fertilizers is not aware of any proposal for redistribution of natural gas from KG Basin.