

**GOVERNMENT OF INDIA  
CHEMICALS AND FERTILIZERS  
LOK SABHA**

UNSTARRED QUESTION NO:318  
ANSWERED ON:22.07.2003  
PHYSICAL COMPOUND MANUFACTURING UNITS  
CHANDRAKANT BHAURAO KHAIRE

**Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:**

- (a) whether it is a fact that a number of physical compound manufacturing units are working in the public sector;
- (b) if so, the details of its total annual production and the production capacity of each of the physical compounds manufacturing units alongwith their names;
- (c) whether the use of higher category complex fertilizers would lead to loss of nutrients and effect farmers monetarily as well;
- (d) if so, the facts thereof; and
- (e) the steps taken in this regards?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF CHEMICALS & FERTILIZERS (DR. CHHATTRA PAL SHIGH)

- (a) There are no physical mixture/compound units manufacture fertilizers (other than NPK complexes) working in the public sector.
- (b) Does not arise.
- (c)to(e) There are possibilities of loss of nutrients from high analysis water soluble fertilizers, particularly, nitrogenous ones under specific situations. ICAR is recommending soil testbased balanced and integrated nutrient management through conjunctive use of both inorganic and organic sources of plant nutrients to prevent such losses. In addition, split application synchronizing the demand of growing plant instead of one time heavy dose, placement of fertilizer, use of slow releasing N-fertilizers and nitrification inhibitors, inclusion of crops with deep and extensive root system in crop rotation with shallow rooted crops are also advocated.