

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO.3610
TO BE ANSWERED ON 7/12/2016**

DEVELOPMENT OF POTASH FERTILIZER FROM SEA WATER

†3610. DR. VIRENDRA KUMAR:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether the Government has taken any steps to identify new technology for manufacturing Potash fertilizer from sea water;
- (b) if so, the details thereof;
- (c) whether the present demand of potash fertilizer is likely to be fulfilled through such technology; and
- (d) if so, the details thereof?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES
(SHRI.Y. S. CHOWDARY)**

विज्ञान और प्रौद्योगिकी मंत्रालय में राज्य मंत्री और पृथ्वी विज्ञान मंत्रालय में राज्य मंत्री
(श्री वाई. एस. चौधरी)

(a) & (b): Yes madam, the Department of Science & Technology through Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat a constituent laboratory of Council of Scientific and Industrial Research (CSIR-CSMCRI's) in collaboration with M/s Tata Chemicals Limited (TCL), Mithapur, Gujarat has demonstrated a patented technology pilot plant for recovery of 3 tonne per day (3tpd) Sulphate of Potash (SOP) from bittern (sea water concentrate) at TCL works , Mithapur.

The CSIR-CSMCRI's has also licensed this technology to M/s Archen Chemicals Industries to set up 1.3 Lakh tonne per annum SOP plant near Hajipur, Greater Rann of Kachchh (Gujarat)

(c) & (d): No madam, through these experimental setups it is not possible to fulfill the demand of potash fertilizer in the country because the technology is still in developmental phase.
