

Office Memorandum

Subject: Notification of specified grades and sources of Rock Phosphate for use as raw materials for manufacturing Single Super Phosphate (SSP) under the Nutrient Based Subsidy Policy.

The undersigned is directed to refer to this Department's letter No. 19011/33/2001-MPR dated 10.8.2005 regarding use of grades of Rock Phosphate for manufacturing SSP under the Concession Scheme. These guidelines, inter-alia, lay down that Department of Fertilizers will notify the grade/blending of Rock Phosphate after one year, after being satisfied about the feasibility of production of SSP, as per the FCO specifications, based on recommendations of PDIL.

2. Accordingly, based on the examination of the report Ref No. 4155-PNPR dated 19.1.2012 submitted by PDIL in respect of feasibility of production of SSP as per FCO specification by M/s Jubilant Industries Limited for more than one year, the following grades/blend of Rock Phosphate are hereby notified/specified for using as raw materials for manufacturing SSP under the Nutrient Based Subsidy Policy with immediate effect, by the SSP Industry.

- (i) Blends of Vietnamese Rock as primary Rock with 32.5-34% P₂O₅ and Vietnamese Rock as secondary Rock with 26-28% P₂O₅ (Secondary Rock) in the ratio of 60% (minimum) Primary Rock and 40% (maximum) Secondary Rock respectively.
- (ii) Blends Nauru Rock as primary Rock with 38.86-39.30 % P₂O₅ and Vietnam Rock Phosphate as secondary Rock with 27.0-27.13% P₂O₅ in the ratio of 30% (minimum) Primary Rock and 70% (maximum) Secondary Rock respectively.
- (iii) Nauru Rock with 38.50-39% P₂O₅ content by adding required quantity of filler materials like gypsum/sand as permissible by Indian Council of Agricultural Research vide its letter No. 1(4)/2009-SWDF dated 30.10.2009(**copy enclosed**).
- (iv) Blend of Nauru Rock Phosphate as primary Rock containing 38.5-39% P₂O₅ with MPSMC Rock Phosphate as secondary Rock containing 18-20% P₂O₅ in the ratio 65% (minimum) Primary and 35% (maximum) Secondary respectively.

2. This issues with the approval of competent authority.



(P.B. Sahu)

Under Secretary to the Government of India
Tel. No. 2338 7492

1. All Chief Secretaries of States/UTs,
2. All Agriculture Production Commissioners/Secretaries/
3. Directors, Department of Agriculture of all State/UT Governments
4. All manufacturers/marketers of SSP.
5. Managing Director, PDIL,(NOIDA)
6. Director General, Fertilizers Association of India, New Delhi.

Copy for information to:

1. Director (FA)/Sr. AD (A/Cs)/AD (A/Cs)
2. CA/P&AO/Consultant(Finance)/AFA/SO (Finance)
3. NIC for uploading on the Department's website (fert.nic.in)

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F.No. 1(4)/2009-SWDF

Dated : 30.10.2009

To
Sh. Varinder Gupta
Under Secretary
Ministry Chemicals & Fertilizers
Department of Fertilizers, Shastri Bhavan,
New Delhi-110 114

44/USMP
3-11-09

Subject : Use of filler for balancing / adjusting the content of P_2O_5 in SSP.

This has reference to letter no. 19011/33/2001-MPR dated 23rd September 2009 on the above cited subject. The comments of ICAR are as follows:
Different grades of rock phosphate varying in their P_2O_5 content are used by the Industry for the production of FCO compliant SSP containing 16 % water soluble P_2O_5 . A certain amount of filler material requires to be added to the SSP produced out of high grade rock phosphate to bring higher level of P_2O_5 down to the level of 16% P_2O_5 , so that it became eligible for concession. Such rocks with higher level of P_2O_5 have already been approved by Department of Fertilizer for manufacturing SSP. Similarly, the Nauru rock with 39% P_2O_5 could be utilized for production of SSP and availing concession after adjusting its content to 16% water soluble P_2O_5 with addition of filler like gypsum or sand. The addition of around 100 kg of filler from Nauru rock based SSP to 2.24 million tonnes of soil in a plough layer of hectare would not alter the soil conditions adversely.

The Nauru rock based SSP with gypsum/sand as filler to adjust the P_2O_5 content to 16% level (as proposed by M/S Jubilant Organosys Ltd) may, therefore, be allowed for production and availing of concession.

This issues with the approval of the competent authority.

Yours faithfully,

(P.D. SHARMA)
(P.D. SHARMA)

ASSIT. DIRECTOR GENERAL (SOILS)

(Signature)
4/11/09
SO(MPR)