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पत्र सं./ F.No.3-1/2017-/टिडडी/Locust

भारत सरकार/ Government of India

कृषि, एवं किसान कल्याण मंत्रालय Ministry of Agriculture and farmers' welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग/ Department of Agriculture Cooperation and farmers welfare

वनस्पति संरक्षण, संगरोध एवं संग्रह निदेशालय

**DIRECTORATE OF PLANT PROTECTION, QUARANTINE & STORAGE**

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**पाक्षिक टिडडी स्थिति बुलेटिन/ Fortnightly Locust Situation Bulletin**

Vol. 69 सं./No. 09

अवधि/Period 01-15 May, 2017

1. **सार/SUMMARY:** India continued to be free from gregarious and solitary desert locust activity during the 1<sup>st</sup> fortnight of May 2017. As per eLocust3 data total 132 spots achieved out of targeted 132 spots (shown in map with “N” means survey undertaken and no locust found) were covered in cross country surveys in the Scheduled Desert Areas (SDA) of Rajasthan and Gujarat during the period under report.

2. **मौसम की पारिस्थितिकी/WEATHER AND ECOLOGY:** As per rainfall estimation map for 1<sup>st</sup> decade of May 2017, light to moderate rainfall was observed in the area of Churu, Nagaur and Indo Pak border area closed to Bikaner, Jaisalmer and Suratgarh district of Rajasthan. As per MODIS greenery map for April 2017, green vegetation is available at Barmer, Jaisalmer (Near Indira Gandhi Canal), Phalodi, Jodhpur, Nagaur, Churu districts. The maps showing locust situation and estimated rainfall along with estimated rainfall are enclosed.

3. **टिडडी की स्थिति/LOCUST SITUATION:**

1. Desert Locust ( <i>Schistocerca gregaria</i> _F)	Nil
i) Swarm movement	Nil
ii) Breeding	Nil
iii) Hoppers	Nil
iv) Scattered/ Isolated Adult	Nil

4. **पूर्वानुमान/ FORECAST:** Due to high temperature, there is less possibility of presence of locust activity in scheduled desert area of Rajasthan and Gujarat. The locust activity may increase due to wet soil moisture and recent rainfall.

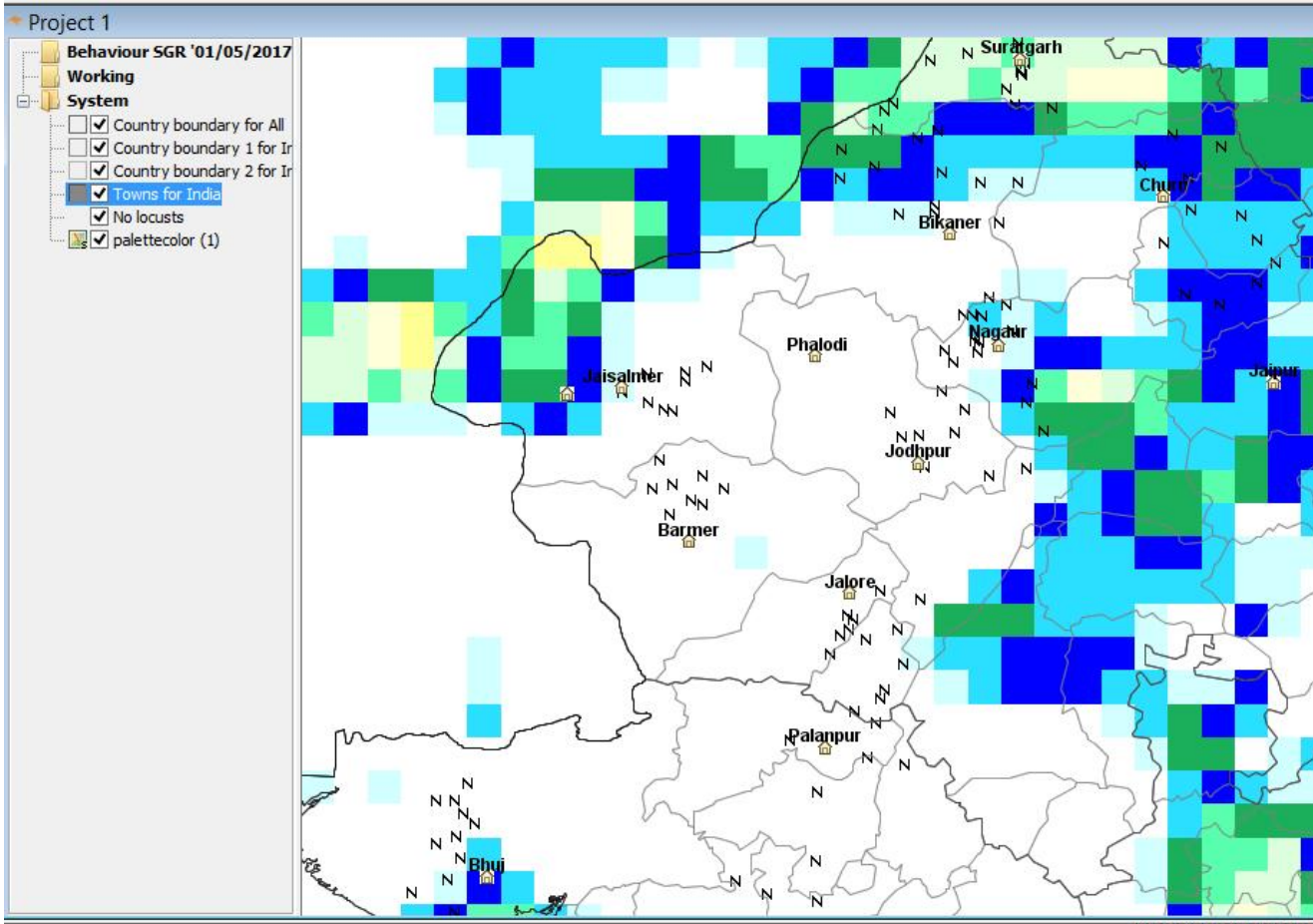
5. **तैयारी /PREPAREDNESS**: India is equipped with sufficient working eLocust3 units for locust surveys/population monitoring, trained man-power, operational vehicles, well maintained plant protection equipments and pesticides for control operation in case of any locust incursion/upsurge.

6. **संबंध/CONTACTS**: During field survey, the teams interacted with the villagers, farmers, nomads, NGOs and state government functionaries and make them aware about locust prevailing activities and advised to inform the nearest LCO or any other government agencies if any locust development in their areas is observed.

**(Dr. B. S. Phogat)**

**Add. Plant Protection Adviser**

Rainfall estimation map for 1<sup>st</sup> decade of May 2017 and Locust situation for 1<sup>st</sup> Fortnight of May 2017. (N= the place where Locust survey was undertaken)



Green vegetation Map for April 2017

