

टेलीफोन/Telephone: +91129-2411112  
फैक्स/Fax +91129- 2412125  
इमेल/E-mail: [locust@nic.in](mailto:locust@nic.in)



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**

**एन.एच. 4, फरीदाबाद(हरियाणा) – 121001/N H-IV, Faridabad (Haryana)-121 001**

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

**Vol. 69 सं./No. 10**

**अवधि/Period 16-31 May, 2017**

1. **सार/SUMMARY:** India continued to be free from gregarious and solitary desert locust activity during the 2<sup>nd</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 distant and 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 2<sup>nd</sup> and 3<sup>rd</sup> decade of May 2017, moderate rainfall was observed in all the areas of Scheduled Desert Area(SDA) of Rajasthan except the area of Bikaner where heavy rainfall was observed and no rain was observed in the Scheduled desert area of Gujarat. The rainfall before the monsoon may favour for locust development in the remote areas of SDA of Rajasthan. As per rainfall green vegetation map, newly developed scattered vegetation was observed at Nagaur and southern part of Barmer district may favour for locust development. The maps showing green vegetation for 2<sup>nd</sup> decade of May and rainfall estimation for 2<sup>nd</sup> and 3<sup>rd</sup> decade of May 2017 with locust situation are enclosed. The data of soil moisture and green vegetation status observed by surveyors during the surveys are also shown in the enclosed maps.

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 light to moderate rainfall again in 2<sup>nd</sup> and 3<sup>rd</sup> decade of May 2017 in SDA of Rajasthan and heavy rainfall in Bikaner area before the Monsoon, there may be possibility of presence of locust activity in SDA of Rajasthan. The locust activity may develop in next month if moderate to heavy rainfall again.

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. Keeping in view of locust season, a meeting of locust officer was held at LWO Jodhpur on 26.5.2017 and established control rooms at each circle offices including LWO Jodhpur.

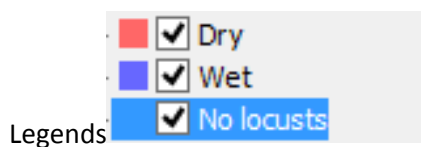
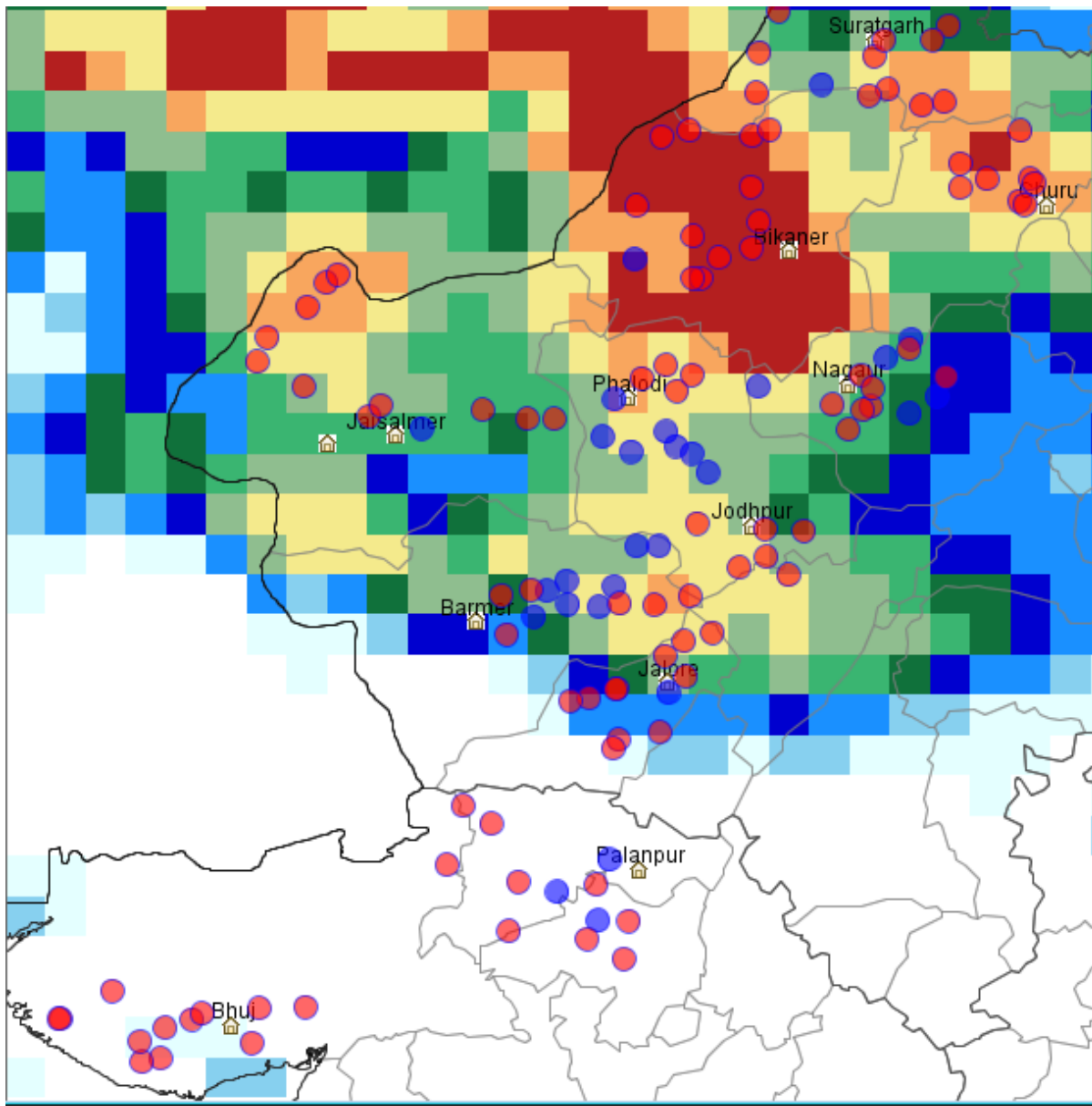
6. **संबंध/CONTACTS:** During field survey, the teams interacted with the villagers, farmers, nomads, NGOs and state government functionaries and make them aware about locust prevailing activities and advised to inform the nearest LCO or any other government agencies if any locust development in their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

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

**Add. Plant Protection Adviser**

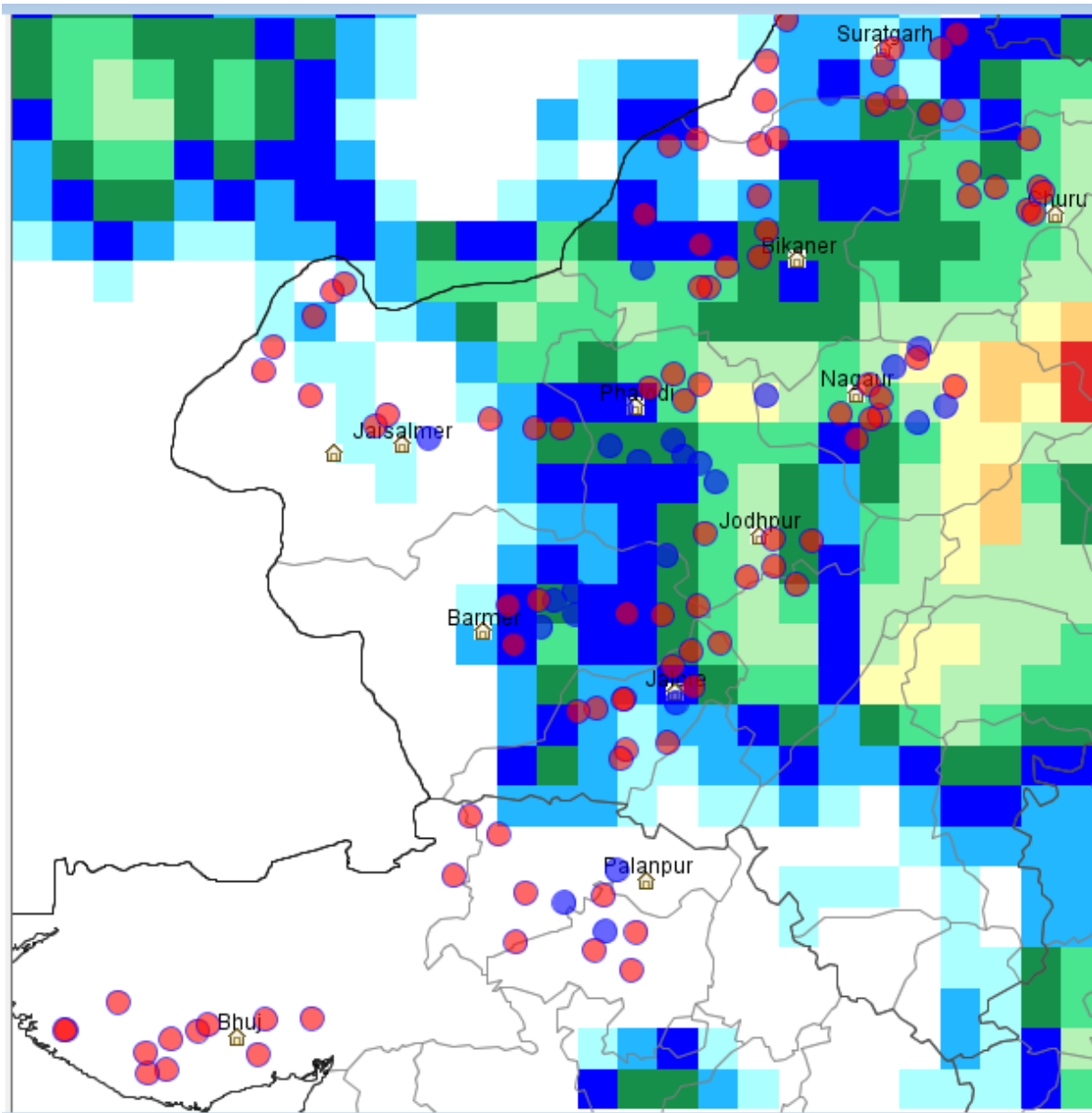
## Map showing

1. Rainfall estimation for 2<sup>nd</sup> decade of May 2017 obtained from website
2. Soil moisture for 2<sup>nd</sup> fortnight of May 2017 recorded by surveyor at the places where surveys were undertaken

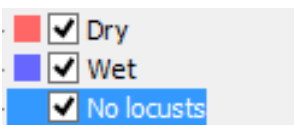


## Map showing

1. Rainfall estimation map for 3<sup>rd</sup> decade of May 2017 obtained from the website
2. Soil moisture for 2<sup>nd</sup> fortnight of May 2017 recorded by surveyor at the places where surveys were undertaken

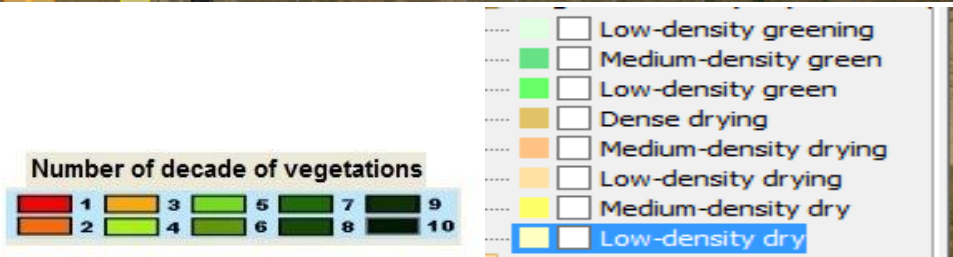
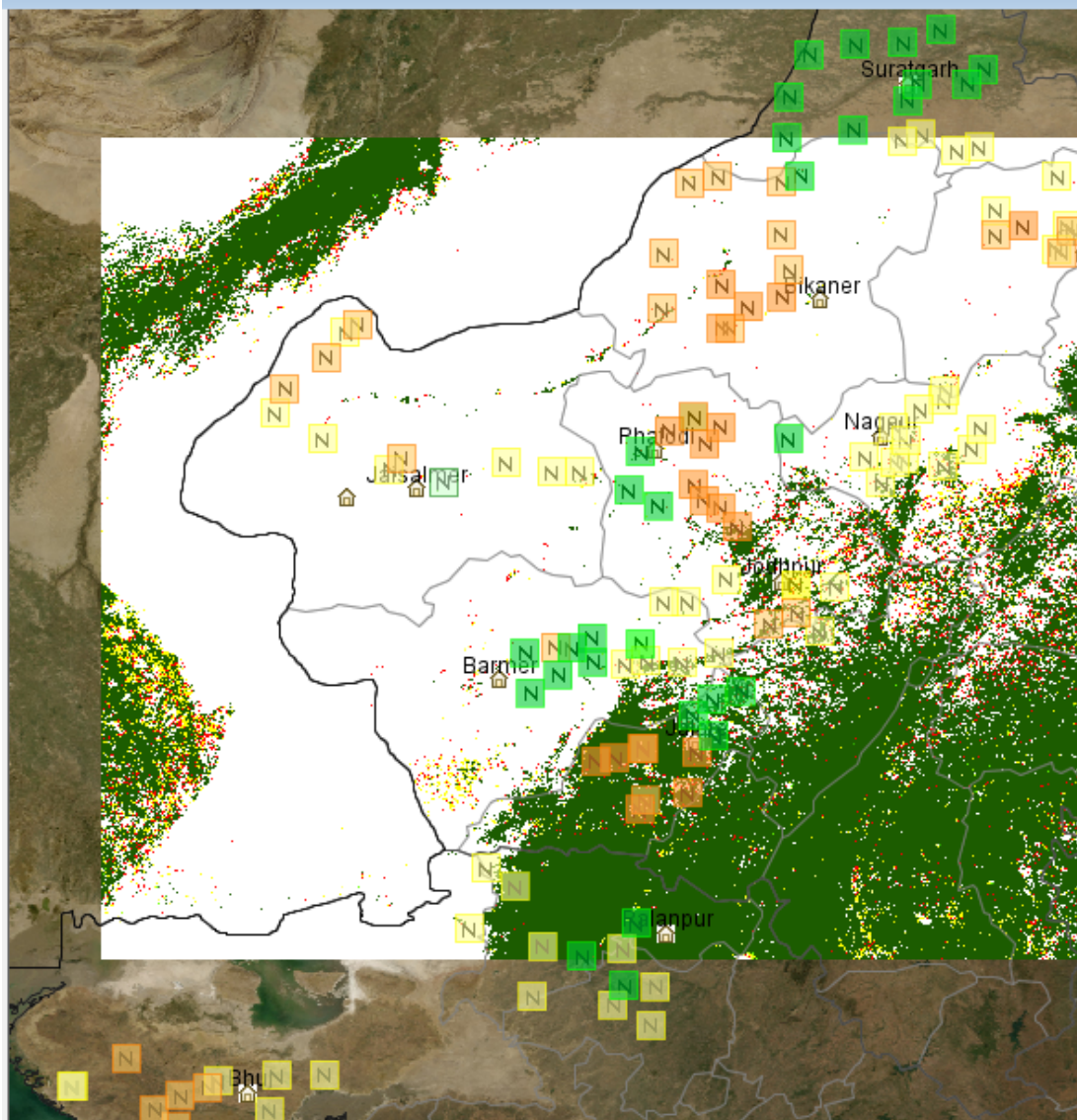


Legends



**Map showing**

1. Green vegetation status map obtained from FAO website
2. Vegetation status observed by surveyors during 2<sup>nd</sup> fortnight of May 2017 recorded by surveyor at the places where surveys were undertaken



Legends