

LOCUST OUTBREAK REPORT

MAY – JUNE 2020

HIGHLIGHTS

● Desert locust @ Gujarat, Rajasthan & Puniab

■ Coffee grasshopper @ AP

▲ Calotropis grasshopper @ TN, Karnataka & AP



AICRP ON BIOLOGICAL CONTROL OF CROP PESTS

ICAR- NATIONAL BUREAU OF AGRICULTURAL INSECT RESOURCES, BENGALURU

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GUJARAT

Reporting Centre: AAU, Anand

In Gujarat, desert locust *Schistocerca gregaria* incidence was observed in few districts of North Gujarat and Saurashtra region. The damage on standing crops viz., pearl millet, fodder maize and pulse crops has been noticed. The district wise locust incidences are mentioned hereunder.

| Sl. No. | Date | District | Taluk | Village | Remarks |
|--------------------------------|--|-------------|------------|----------------------------|----------------------|
| North Gujarat Districts | | | | | |
| 1 | 24/05/2020 | Mehsana | Kadi | Vamaj | Scattered incidence |
| | | | | Vadavi | |
| | | | | Medaadaraj | |
| | | | | Daran | |
| | | | | Fuletra | |
| Karashanpura | | | | | |
| 2 | 27/05/2020 | Amreli | Savakundla | Leekhata | Scattered incidence |
| | | | | Kotadi | |
| 3 | 24/05/2020 | Banaskantha | Deesa | Deesa and surrounding area | Scattered incidence |
| 4 | 01/06/2020 | Sabarkantha | Talod | Talod | Scattered incidence |
| | | | | Amyod | |
| | | | | Badodra | |
| Saurashtra Region | | | | | |
| 5 | 26/05/2020 27/05/2020 28/05/2020 | Bhavnagar | Sihor | Songadh | Low intensity swarms |
| | | | | Piprala | |
| | | | | Gariyadhar | |
| | | | | Mangadh | |
| | | | | Samadhiyala | |
| | | | | Rupavati | |
| | | | | Mokhdka | |
| | | | Mahuva | Mota Malpura | Scattered incidence |
| | | | | Rajpara | |
| | | | | Bhagdana | |
| Nana Khokhra | | | | | |
| 6 | 28/05/2020 | Dwarka | Dwarka | Mojap | Scattered incidence |

| Sl. No. | Date | District | Taluka | Village | Remarks |
|---------|------------|-------------|-------------|----------------------------------|---------------------|
| 7 | 25/05/2020 | Gir Somnath | Gir Gadhada | Gir Gadhada and surrounding area | Scattered incidence |
| 8 | 03/06/2020 | Jamnagar | Jodiya | Jodiya and surrounding area | Scattered incidence |





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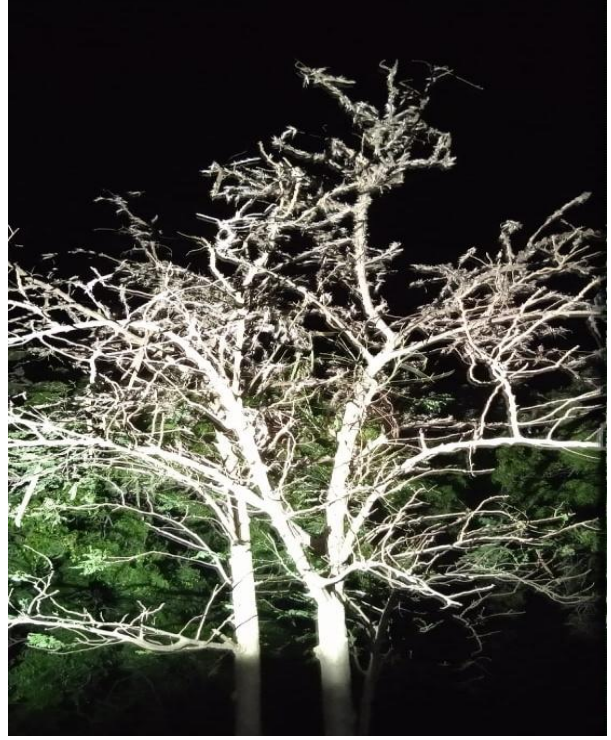
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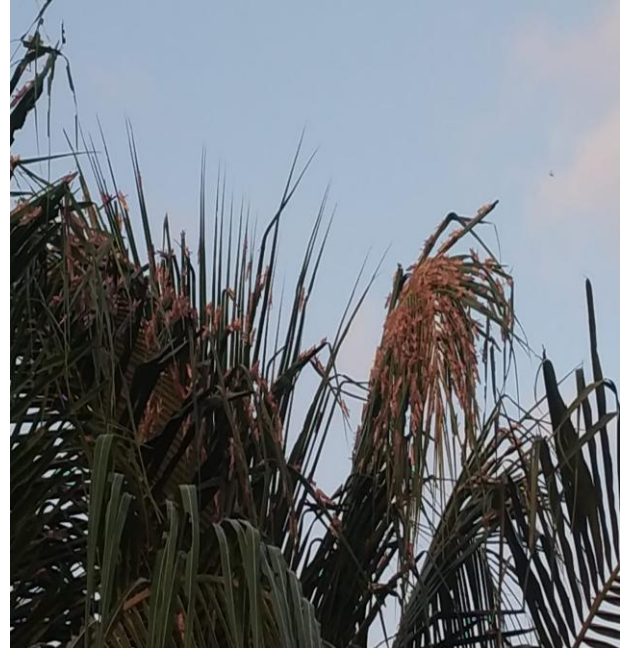
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PUNJAB

Reporting Centre: PAU, Ludhiana

The Locust (*S. gregaria*) swarm invasion in Punjab was occurred on May 5, 2020 at Fazilka district in the villages, Roop Nagar, Bareka (Border villages with Pakistan). Similar such swarm was also reported on May 13, 2020 at Diwan Khera and Koyal Khera (Border with Rajasthan) villages, Fazilka district. **Both the swarms were successfully managed. No locust swarm invasion in Punjab after May 13, 2020 was reported.**

RAJASTHAN

Reporting Centre: MPUAT, Udaipur

Recently four swarms occurred in Jalore district causing extensive damage in green vegetation. Presently, breeding continues near the border and desert parts of western Rajasthan. Swarms may occur in very large scale in July-August and September and may expect to cause significant damage to *kharif* crops.



ANDHRA PRADESH

Reporting Centre: ANGRAU, Anakapalle

The calotropis grasshopper, *Poecilotherpes pictus* on calotropis was observed during May- June months at Vizianagaram District and Kotturu village, Srikakulam District.

The coffee grasshopper, *Aularches miliaris* on *Wrightia tinctoria* and cashew was reported during May- June months at Cheemidivalasa, Sangamvalasa villages, Vizianagaram District and Atcherla village, Kasimkota mandal, Visakhapatnam District.

Calotropis grasshopper, Poecilotherpes pictus on calotropis



Coffee grasshopper, *Aularches miliaris* on Cashew



Coffee grasshopper, *A. miliaris* on *Wrightia tinctoria*

KARNATAKA AND TAMIL NADU

Reporting Centre: ICAR-NBAIR, Bengaluru

A local news report on the presence of large number of locusts on *Calotropis* plant at the premises of KSIIDC at Madhugiri, Tumakuru Dt, on 29th May, 2020 panicked all the villagers nearby. The Scientist from ICAR-NBAIR visited the spot the very next day. Upon close examination of the grasshopper on the *Calotropis* plants confirmed that it was calotropis grasshopper, *P. pictus* and not the desert locust. Similarly, a large numbers of grasshoppers found on *Calotropis* and banana plants at Vepanapalli taluk of Krishnagiri Dt (Tamil Nadu), and nearby places Was also confirmed as *P. pictus*.