## TAMIL NADU AGRICULTURAL UNIVERSITY

12.78%

То

From Dr.R.Rajendran, Ph.D., Director i/c. Tamil Nadu Rice Research Institute, Aduthurai 612 101.

CBE-3 The Professor and Head, (Through Email Agro Climatic Research Centre(ACRC) Tamil Nadu Agricultural University, Coimbatore - 641 003.

B In & Dri

#### No. DR/TRRI /TNAU/ADT/Agrl. Entomology/Pest surveillance/2013 dt.06.11.2013

Sir.

Sub: Pest surveillance report PE 04.11.2013 sending off- regarding.

Ref: No. DR/TRRI /TNAU/ADT/Agrl. Entomology/Pest surveillance/2013 dt.05.11.2013

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In continuation of the reference cited, I am herewith enclosing the pest surveillance (Agrl. Entomology) report for the PE 04.11.2013 of this Institute for kind inclusion. The Standard week filled in data format (SW 44) in respect of agro meteorological parameters and light trap catches is herewith appended.

#### **DIRECTOR** i/c

OR OF EXTENSIO

TNAU

0 6 NOV 2013

Copy to the Director CPPS, TNAU, Coimbatore for favour of information (Through Email) Copy to the Director of Extension Education, TNAU, Coimbatore 641003 (Through Email) Copy to the Joint Director of Agriculture, Mariamman Koil (post) Kattuthottam, Thanjavur - 613 501.

Copy to the Joint Director of Agriculture, Sannadhi Street, 27/21, Rajagopal, Valliammai Kalyanamandapam, Tiruvarur – 610 001. (Through Email)

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TNRRI, Melamaruthuvakudi, ADT 612 101/Tamil Nadu Agricultural University/Department of Agriculture /Department of Horticulture/Department of oilseeds proforma for Pest and Disease Monitoring

Name of the District: Thanjavur

Division: Tiruvidaimarudur -TRRI - ADT 612 101

Date:06.11.2013

From:29.10.2013

To: 04.11.2013

Period: X

(Standard week -44)

### Pest and Disease Surveillance Report for the week ending 04.11.2013

| Name of crop<br>irrigated/<br>semidry/dry/<br>variety/ stage | Name of pests/ diseases<br>noticed | Monitoring information obtained from (inset population /unit % damage or infestation/ Disease index etc. as specified in methodology) |                   |                |         |                       |   |   |  |   |  |  |
|--|------------------------------------|---|-------------------|----------------|---------|-----------------------|---|---|--|---|--|--|
|  |                                    | Fixed<br>plot/<br>Date  | Roving<br>village | Survey<br>Date | Village | Level of<br>incidence | Trap(light<br>trap/<br>pheromone<br>trap/spore<br>etc.<br>Yellow<br>stickly pan<br>Trap | Indication<br>from<br>alternate<br>hosts/<br>weed hosts | Natural<br>enemies of<br>pests<br>observed<br>neutrals | Remarks<br>village<br>affected,<br>extent<br>affected<br>first<br>incidence<br>or not etc)<br>Weather |  |  |
| (1)  | (2)                                | (3)   | (4)               | (5)            | (6)     | (7)                   | (8)   | (9)   | (10)   | (11)  |  |  |
| I. Agricultural E  | ntomology                          |   |                   |                |         |                       |   |   |  |   |  |  |
| Season: Samba  | i. Silver shoot                    | 0.56%   |                   |                |         |                       |   |   | Coccinelli<br>0.9ds                                    |   |  |  |
| Var: CR1009  | ii. Dead heart                     | 1.1%  |                   |                |         |                       | Annex -I  | la la suite   | No/hill  | Annex –II   |  |  |
| Stage: Tillering<br>Field No. M4a                            | iii. whorl maggot                  | 0%  |                   |                |         |                       |   |   | Spider<br>1No/hill                                     |   |  |  |
|  | iv. Leaf folder                    | 17.88<br>%  |                   |                |         |                       |   |   | 11.00/11111  |   |  |  |
|  | v.GLH                              | 0.2No.<br>/ hill  |                   |                |         |                       |   |   |  |   |  |  |

# Annexure 1: Light trap catches mean/week

| Std<br>week | Period   |          | Stem borer |        | GL | WL   | Blac     | Blue   | Cricket | Mole    | COC | Ground | Sting | R.B       | Others |
|-------------|----------|----------|------------|--------|----|------|----------|--------|---------|---------|-----|--------|-------|-----------|--------|
|             | From     | То       | Male       | Female | H  | Н    | k<br>bug | beetle |         | cricket |     | beetle | bug   |           |        |
| 44          | 29.10.13 | 04.11.13 | 2.84       | 2.83   | 15 | 3.34 | 29       | 10.11  | 21      | 3.67    | 10  | 0.34   | 0     | 11.1<br>7 | 1010   |

Annexure 2: Agro meteorological parameter mean/day

| Std  | Period   |          | Max. | Min.  | RH %  |   | Wind               | Sun shine | Evaporation | GBRI   | RF   | RD |
|------|----------|----------|------|-------|-------|---|--------------------|-----------|-------------|--------|------|----|
| week | From     | То       | temp | temp  | М     | E | velocity<br>(kmph) | hours     | mm          |        | mm   |    |
| 44   | 29.10.13 | 04.11.13 | 32.2 | 24.42 | 90.86 |   | 2.62               | 5.11      | 3.57        | 567.87 | 0.19 | 2  |

Assistant professor (Agricultural Entomology)