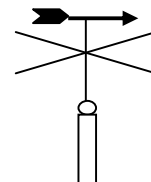# Advisory Service bulletin 14/17, Friday dt. 07-04-2017
(Issued jointly by IAAS Vellanikkara)
Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
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PALAKKAD

CURRENT SYNOPTIC SITUATION: An upper air trough runs from north interior Karnataka to Sri Lanka coast across Tamil Nadu and extends upto 1.5 km asl .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 07.04.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

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   PARAMETERS                                   ENSEMBLE FCST
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                     DAY-1               DAY-2               DAY-3              DAY-4             DAY-5
                     08/04               09/04               10/04              11/04             12/04
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  DISTRICT :  PALAKKAD
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Rainfall (mm)          0                   0                   0                  0                 0
Max Temperature ( deg C)  37               37                  37                 37                37
Min Temperature ( deg C)  25               25                  25                 25                25
Total cloud cover (octa)   6                4                   4                  5                 5
Max Relative Humidity (%) 85               85                  85                 85                85
Min Relative Humidity (%) 55               55                  55                 55                55
Wind speed (kmph)        008              008                 008                008               008
Wind direction (deg)     270              270                 270                270               270
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Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Milky stage/Rice bug	Apply neem based pesticides (3 ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Banana	Pseudo stem weevil	Apply 2% neem emulsion in the starting stage. In case of severe attack apply 2.5 ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum. For destroying the weevil, Pseudo stem traps can be used. Split pseudostem traps (45 cm long) are made from the pseudostem pieces cut longitudinally in two halves, spread some amount of Beauveria in between them and a small piece of stone or pebble is placed between the stump and tie together & lay in the field. (Set 25 traps per acre).
Vegetables (Bitter gourd)	Mosaic	There is chance of mosaic in bitter gourd. Cut and destroy the infected plants. To control the vector of mosaic spray dimethoate (Roger) 1.5 ml /L.