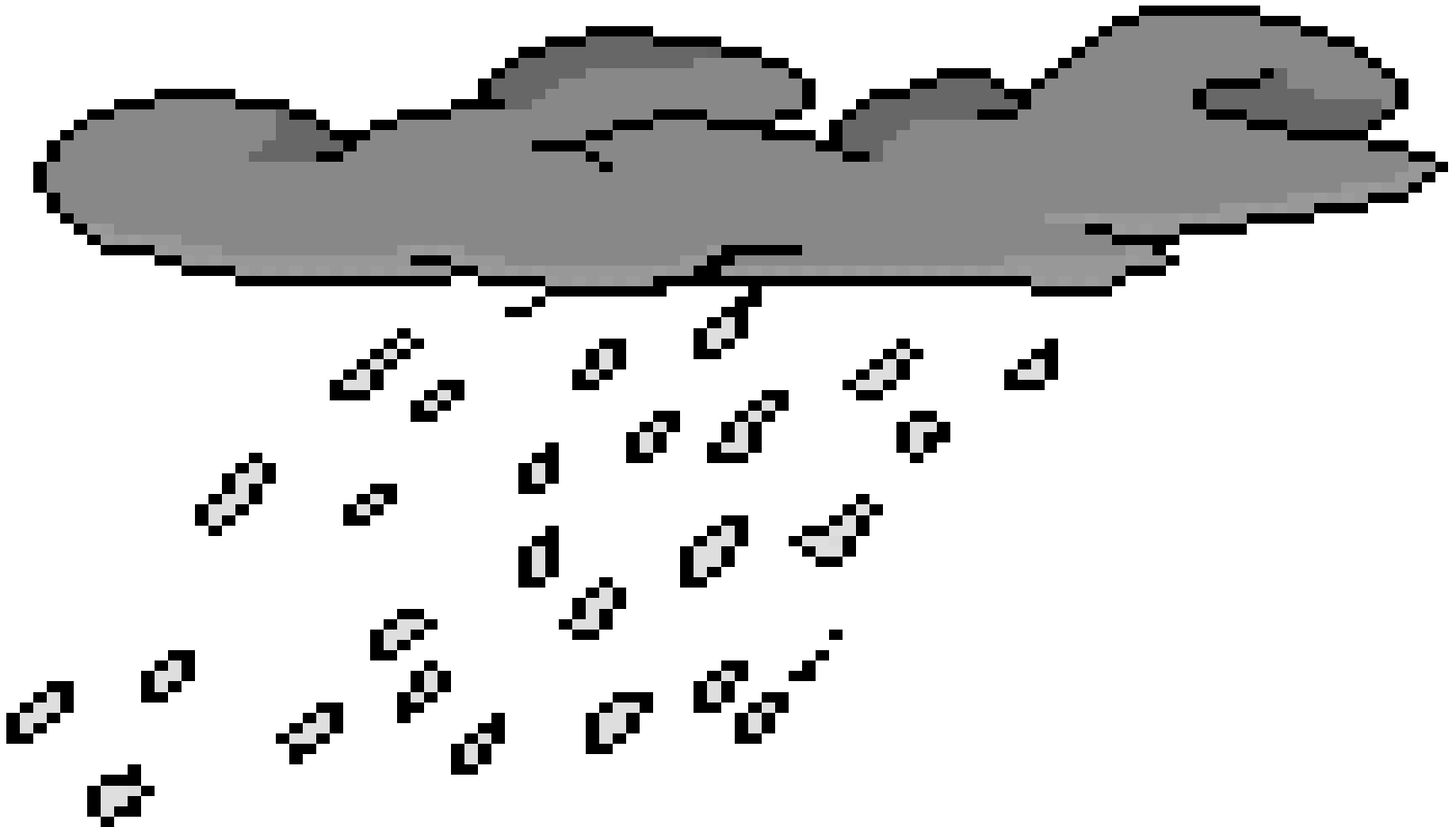


**5(d). Model agro advisories for selected
five days weather forecast
Dr. T.N. Balasubramanian**



Model Bulletin

**Agro-Met Advisory Bulletin for the
District of Coimbatore**

**Forecast Period: 14th October 2015 to
18th October 2015**

Issued jointly by TNAU and IMD

Bulletin No: 80/2015

Date: 13.10.2015

Model Bulletin-contd

Weather Summary for the period since the issue of last bulletin 79 (09.10.2015) for Tamil Nadu.

Maximum temperature from 30°C to 37°C and minimum temperature range from 22°C to 27°C did prevail over the State. Kodaikanal and Uthagamandalam recorded maximum temperature from 18°C to 23°C and minimum temperature range was from 11°C to 13°C during the period. Light to moderate rainfall was recorded over in Tamil Nadu.

Model Bulletin-contd

Last week weather Summary for Coimbatore district

- **Cloud Cover (Octa)**
3 - 7
- **Rainfall (mm)**
31.9
- **Maximum temperature(°C)**
31 - 34
- **Minimum temperature (°C)**
22 - 25
- **Morning relative humidity (%)**
62 - 71
- **Evening relative humidity (%)**
56 - 67
- **Wind speed (Kmph)**
5 - 17

ModelBulletin-contd

Weather forecast for next five days: 14.10.2015 to 18.10.2015

Date	Rainfall (mm)	Max Temp. (°C)	Min Temp. (°C)	Total Cloud cover (octa)	Max RH (%)	Min RH (%)	Wind speed (kmph)	Wind direction (deg)
14.10.15	1	31	23	5	77	64	12	200
15.10.15	0	31	23	5	75	62	12	200
16.10.15	1	31	23	5	74	61	12	200
17.10.15	2	31	23	5	72	60	12	200
18.10.15	1	31	23	5	71	60	12	200

Model Bulletin-contd

- **Weather forecast for next five days: 14.10.2015 to 18.10.2015**

According to district forecast issued by the India Meteorological Department, for Coimbatore district, sky will be mostly cloudy. Light rainfall is expected. Maximum temperature is expected to be around 31°C and minimum temperature is expected to be around 23°C. Morning relative humidity is expected to be from 71 to 77 per cent and evening relative humidity is expected to be from 60 to 64 per cent. Average wind speed is expected around to be 12 km per hour and the wind direction will be from south direction.

Model Bulletin-contd

Crop stages

Blocks	Sugar cane	Banana	Turmeric	Vegetables	Pulses	Rice	Maize	Cotton
Thondamuthur	V	8 months	V	F	F	N&V	F	V
Karamadai	V	8 months	V	F	F	N&V	F	V
Sulur	V	8 months	V	F	F	N&V	F	V
Sultanpet	V	8 months	V	F	F	N&V	F	V
Pollachi	V	9 months	V	F	F	N&V	F	V
P.N Palayam	V	9 months	V	F	F	N&V	F	V
Kinathukadavu	NC	NC	V	F	F	N&V	F	V
Annur	NC	8 months	V	F	F	N&V	F	V
Madukarai	NC	8 months	V	F	F	N&V	F	V
Annamalai	V	9 months	V	F	F	N&V	F	V
V: Vegetative,	F; Flowering	NC; No crop	N&V; Nursery and	Vegetative				

Model Bulletin-contd

Agro-Advisory

- **Agro Advisory**
- Since no rain is anticipated, hand hoeing and weeding may be given to dry land crops of maize, sorghum and pulses of 20 days old.
- Since the minimum temperature is around 23°C, Zinc deficiency may appear in the samba transplanted rice seedlings. Spray ZnSO_4 at 0.5% along with 1% urea at 15 days interval thrice.
- With high in relative humidity and low in minimum temperature both powdery mildew and downy mildew will initiate in the grapes. To control powdery mildew spray 0.3% wettable sulphur and for controlling downy mildew, spray 1% Bordeaux mixture.
- Since the thermal humidity index is more than 72%, based on the prevailing weather, animals may be kept active by frequent bathing and operating fogger.

Model Bulletin-contd

SMS advisory

With high in relative humidity and low in minimum temperature both powdery mildew and downy mildew will initiate in the grapes. To control powdery mildew spray 0.3% wettable sulphur and for controlling downy mildew, spray 1% Bordeaux mixture.

**Professor and Head
ACRC, Coimbatore**