



Agromet Advisory Bulletin for the Chennai District

Bulletin no. 008/2025 Issued on 28.01.2025

(29.01.2025-02.02.2025)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Chennai.

During past four days around Chennai area, the sky was mostly clear. Maximum temperature was 30.0-31.0°C and Minimum temperature was 22.0-23.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 66-85 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	20	25	24
31	31	31	30	Max. Temp. (°C)	30	30	30	31	31
23	23	22	22	Mini. Temp. (°C)	22	22	22	23	23
83	85	81	81	Maximum RH (%)	81	81	81	89	89
67	66	71	72	Minimum RH (%)	70	70	70	74	74
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	North West	North East	North East	Wind direction (Degree)	East South East	East South East	East South East	East	East South East
6	7	4	4	Wind speed Kmp	10	10	10	4	12

Weather Summary for Chennai district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for Chennai district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 81-89 per cent and evening relative humidity is expected to be around 70-74 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East South East.

SMS Advisory:

(29.01.2025-02.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from cold stress by covering the side walls

6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock
7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Tiruvallur District

Bulletin no. 008/2025 Issued on 28.01.2025

(29.01.2025-02.02.2025)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Tiruvallur.

During past four days around Tiruvallur area, the sky was mostly clear. Maximum temperature was 30.0-31.0°C and Minimum temperature was 22.0-23.0°C. Wind speed was 04-07 km per hour. Relative humidity was recorded between 66-85 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	5	25	18
31	31	31	30	Max. Temp. (°C)	30	30	30	31	31
23	23	22	22	Mini. Temp. (°C)	22	22	22	23	23
83	85	81	81	Maximum RH (%)	81	81	81	89	89
67	66	71	72	Minimum RH (%)	70	70	70	74	74
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	North West	North East	North East	Wind direction (Degree)	East South East	East South East	East South East	East	East South East
6	7	4	4	Wind speed Kmp	10	10	10	4	12

Weather Summary for Tiruvallur district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for Tiruvallur district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 22.0-23.0°C. Morning relative humidity is expected to be around 81-89 per cent and evening relative humidity is expected to be around 70-74 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East South East.

SMS Advisory:

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1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
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6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock

7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop.

The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Thiruvannamalai District

Bulletin no. 008/2025 Issued on 28.01.2025

(29.01.2025-02.02.2025)

Issued jointly by

Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for TVMalai .

During past four days around TVMalai area, the sky was mostly clear. Maximum temperature was 29.0-31.0°C and Minimum temperature was 18.0-20.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 64-95 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	28	10
29	29	30	31	Max. Temp. (°C)	30	30	30	31	31
19	18	20	19	Mini. Temp. (°C)	19	19	19	18	18
93	95	89	89	Maximum RH (%)	85	85	85	89	89
65	66	64	66	Minimum RH (%)	64	64	64	68	68
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East North East	East			Wind direction (Degree)	East	East South East	South East	East South East	East South East
2	3	0	4	Wind speed Kmp	4	8	10	4	12

Weather Summary for TVMalai district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for TVMalai district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 18.0-19.0°C. Morning relative humidity is expected to be around 85-89 per cent and evening relative humidity is expected to be around 64-68 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East South East.

SMS Advisory:

(29.01.2025-02.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from clod stress by covering the side walls
6. The young calf shed must be adequately bedded to prevent clod stress which is very detrimental to the young stock

7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop.

The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Vellore District

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(29.01.2025-02.02.2025)

Issued jointly by

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Weather Summary for the period since the issue of last bulletin for Vellore.

During past four days around Vellore area, the sky was mostly clear. Maximum temperature was 29.0-31.0°C and Minimum temperature was 18.0-20.0°C. Wind speed was 00-04 km per hour. Relative humidity was recorded between 64-95 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	24	5
29	29	30	31	Max. Temp. (°C)	30	30	30	31	31
19	18	20	19	Mini. Temp. (°C)	19	19	19	18	18
93	95	89	89	Maximum RH (%)	85	85	85	89	89
65	66	64	66	Minimum RH (%)	64	64	64	68	68
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East North East	East			Wind direction (Degree)	East	East South East	South East	East South East	East South East
2	3	0	4	Wind speed Kmp	4	8	10	4	12

Weather Summary for Vellore district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for Vellore district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 18.0-19.0°C. Morning relative humidity is expected to be around 85-89 per cent and evening relative humidity is expected to be around 64-68 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East South East.

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9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

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Blackgram:

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Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai - 7



Agromet Advisory Bulletin for the Villupuram District
Bulletin no. 008/2025 Issued on 28.01.2025
(29.01.2025-02.02.2025)
Issued jointly by
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& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Villupuram.

During past four days around Villupuram area, the sky was mostly clear. Maximum temperature was 30.0°C and Minimum temperature was 20.0-21.0°C. Wind speed was 04-06 km per hour. Relative humidity was recorded between 70-91 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	18	24	20
30	30	30	30	Max. Temp. (°C)	30	30	30	30	30
21	21	20	20	Mini. Temp. (°C)	20	20	20	21	21
91	90	86	91	Maximum RH (%)	86	86	86	91	91
77	70	72	72	Minimum RH (%)	70	70	70	72	72
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
North East	East North East	North East	East	Wind direction (Degree)	East South East	East	East South East	East	East
6	4	4	4	Wind speed Kmp	10	12	10	4	12

Weather Summary for Villupuram district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for Villupuram district, sky will be mostly clear. Maximum temperature is expected to be around 30.0°C. Minimum temperature is expected to be around 20.0-21.0°C. Morning relative humidity is expected to be around 86-91 per cent and evening relative humidity is expected to be around 70-72 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East.

SMS Advisory:

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Nodal Officer (GKMS)
Professor and Head,
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Madras Veterinary College, Chennai - 7



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& India Meteorological Department



Weather Summary for the period since the issue of last bulletin for Cuddalore.

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Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
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6	4	4	4	Wind speed Kmp	10	12	10	4	12

Weather Summary for Cuddalore district

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Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Nodal Officer (GKMS)
Professor and Head,
Department of Livestock Production Management
Madras Veterinary College, Chennai – 7



Agromet Advisory Bulletin for the Kancheepuram District
Bulletin no. 008/2025 Issued on 28.01.2025
(29.01.2025-02.02.2025)



Issued jointly by
Tamil Nadu Veterinary and Animal Sciences University
& India Meteorological Department

Weather Summary for the period since the issue of last bulletin for Kancheepuram.

During past four days around Kancheepuram area, the sky was mostly clear. Maximum temperature was 30.0-31.0°C and Minimum temperature was 20.0-21.0°C. Wind speed was 05-08 km per hour. Relative humidity was recorded between 63-90 %.

Past week Summary (24.01.2025-27.01.2025)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
24.01.2025	25.01.2025	26.01.2025	27.01.2025		Date	29.01.2025	30.01.2025	31.01.2025	01.02.2025
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	8	26	22
31	31	30	31	Max. Temp. (°C)	30	30	30	31	31
21	21	20	21	Mini. Temp. (°C)	21	21	21	22	22
83	83	84	90	Maximum RH (%)	84	84	84	90	90
69	63	70	67	Minimum RH (%)	70	70	70	64	64
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
East	North East	East North East	North East	Wind direction (Degree)	East South East	East	East South East	East South East	East
8	6	5	5	Wind speed Kmp	4	10	8	6	12

Weather Summary for Kancheepuram district

Weather forecast for next five days: (29.01.2025-02.02.2025)

According to district forecast issued by the India Meteorological Department for Kancheepuram district, sky will be mostly clear. Maximum temperature is expected to be around 30.0-31.0°C. Minimum temperature is expected to be around 21.0-22.0°C. Morning relative humidity is expected to be around 84-90 per cent and evening relative humidity is expected to be around 64-70 per cent. Wind speed is expected to be around 04-12 km per hour and the wind direction will be from East.

SMS Advisory:

(29.01.2025-02.02.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from clod stress by covering the side walls
6. The young calf shed must be adequately bedded to prevent clod stress which is very detrimental to the young stock

7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Blackgram:

Farmers are advised to treat the seeds with *Trichoderma viride* @ 4g/kg of seed (or) *Pseudomonas fluorescens* @ 10 g/kg seed before sowing.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Banana:

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