

**CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE, MYSORE
AGROMET ADVISORY SERVICES (AAS)
FOR WEST GODAVARI DISTRICT**

Bulletin No.25

Month: September, 2014

Weather forecast for next 5 days for West Godavari district, A.P.

Parameters	10/09	11/09	12/09	13/09	14/09
Rainfall (mm)	2	0	2	5	2
Max Temperature (deg C)	33	34	32	32	33
Min Temperature (deg C)	25	24	23	22	23
Total cloud cover (octa)	4	4	5	5	6
Max Relative Humidity (%)	74	70	74	72	74
Min Relative Humidity (%)	46	52	50	48	52
Wind speed (kmph)	12	12	10	11	12
Wind direction (deg)	250	260	260	265	270

Agro Meteorological Advisory for West Godavari District

- Avoid stagnation of water in the mulberry garden.
- Avoid feeding of wet leaves to the silkworms.
- Provide proper spacing to the silkworms.
- Control mulberry diseases, pests and silkworm diseases by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	<ul style="list-style-type: none"> ▪ Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.2 % Bavistin (Carbendazim 50% WP) solution (@ 2 g/litre water). ▪ Safe period: 5 days.
Bacterial leaf blight	<ul style="list-style-type: none"> • Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin (1g/10 litre water) ▪ Safe period: 15 days OR ▪ Spray 0.01% Streptomycin (1g/10 litre water) ▪ Safe period: 15 days
Mulberry Pests	
Pink mealy bug/ Tukra	<ul style="list-style-type: none"> ▪ Collect the infested portion (along with the pest) in a polythene bag and destroy by burning. ▪ Spray 0.2% of DDVP (@ 2.63ml/litre water) 12 to 15 days after pruning. Safe period: 15 days. ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Leaf roller	<ul style="list-style-type: none"> ▪ Spray 0.2% of DDVP (@ 1 ml/lit water) 12-15 days after pruning. Safe period: 15 days. ▪ Release egg parasitoids <i>Trichogramma chilonis</i> @ 4 Tricho

	cards/acre after 3 days of chemical spray.
Thrips	<ul style="list-style-type: none"> ▪ Spray 0.1% of Rogor (@ 3 ml/litre water) 12-15 days after pruning. ▪ Safe period: 20 days ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Silkworm Diseases	
Grasserie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Conduct an optional disinfection with 0.3% slaked lime solution when high incidence of disease noticed in the previous crop. ▪ Practice personal and rearing hygiene. ▪ Maintain optimum temperature and humidity in the rearing house. ▪ Do not feed tender leaves in the late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Muscardine	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Avoid Low temperature and high humidity in the rearing house. If required use heater/stove to raise the temperature. ▪ Regulate bed humidity during rainy season by dusting slake lime powder during moult. ▪ Control mulberry pests in the mulberry garden. ▪ Pick up diseased larvae before mummification and dispose them by burning. ▪ Apply bed disinfectant, Ankush or Vijetha and Vijetha supplement as per schedule and quantity.
Flacherie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Feed silkworms with good quality leaf. Do not provide over matured/over stored /dirty leaf. ▪ Avoid starvation, overcrowding and accumulation of faeces in the rearing bed. ▪ Rear silkworms under optimum temperature and humidity. ▪ Avoid injury to the larvae. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	<p>Avoid accidental introduction of silkworm pest, uzi fly (<i>Exorista bombycis</i>) by following precautions:</p> <ul style="list-style-type: none"> ▪ Do not transport any reeling/seed cocoons from the uzi infested area to your area. ▪ If cocoons are marketed from your area to uzi infested area, ensure that no uzi maggots/pupae are hiding in the gunny bags used for transportation of cocoons before taking them back.

**CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE,
MYSORE
AGROMET ADVISORY SERVICES (AAS)
FOR SRIKAKULAM DISTRICT**

Bulletin No.25

Month: September, 2014

Weather forecast for next 5 days for Srikakulam district, A.P.

Parameters	10/09	11/09	12/09	13/09	14/09
Rainfall (mm)	5	5	5	5	5
Max Temperature (deg C)	29	28	28	30	29
Min Temperature (deg C)	24	23	23	22	24
Total cloud cover (octa)	4	5	5	6	6
Max Relative Humidity (%)	82	80	85	88	84
Min Relative Humidity (%)	62	58	61	64	59
Wind speed (kmph)	15	15	15	12	12
Wind direction (deg)	250	260	270	270	280

Agro Meteorological Advisory for Srikakulam District

- Avoid stagnation of water in the mulberry garden.
- Avoid feeding of wet leaves to the silkworms.
- Provide proper spacing to the silkworms.
- Control mulberry diseases, pests and silkworm diseases by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	<ul style="list-style-type: none"> ▪ Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.2 % Bavistin (Carbendazim 50% WP) solution (@ 2 g/litre water). ▪ Safe period: 5 days.
Bacterial leaf blight	<ul style="list-style-type: none"> • Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin (1g/10 litre water) ▪ Safe period: 15 days OR ▪ Spray 0.01% Streptomycin (1g/10 litre water) ▪ Safe period: 15 days
Mulberry Pests	
Pink mealy bug/ Tukra	<ul style="list-style-type: none"> ▪ Collect the infested portion (along with the pest) in a polythene bag and destroy by burning. ▪ Spray 0.2% of DDVP (@ 2.63ml/litre water) 12 to 15 days after pruning. Safe period: 15 days. ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Leaf roller	<ul style="list-style-type: none"> ▪ Spray 0.2% of DDVP (@ 1 ml/lit water) 12-15 days after pruning. Safe period: 15 days.

	<ul style="list-style-type: none"> ▪ Release egg parasitoids <i>Trichogramma chilonis</i> @ 4 Tricho cards/acre after 3 days of chemical spray.
Thrips	<ul style="list-style-type: none"> ▪ Spray 0.1% of Rogor (@ 3 ml/litre water) 12-15 days after pruning. Safe period: 20 days ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Silkworm Diseases	
Flacherie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Feed silkworms with good quality leaf. Do not provide over matured/over stored /dirty leaf. ▪ Avoid starvation, overcrowding and accumulation of faeces in the rearing bed. ▪ Rear silkworms under optimum temperature and humidity. ▪ Avoid injury to the larvae. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Muscardine	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Avoid Low temperature and high humidity in the rearing house. If required use heater/stove to raise the temperature. ▪ Regulate bed humidity during rainy season by dusting slake lime powder during moult. ▪ Control mulberry pests in the mulberry garden. ▪ Pick up diseased larvae before mummification and dispose them by burning. ▪ Apply bed disinfectant, Ankush or Vijetha and Vijetha supplement as per schedule and quantity.
Grasserie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Conduct an optional disinfection with 0.3% slaked lime solution when high incidence of disease noticed in the previous crop. ▪ Practice personal and rearing hygiene. ▪ Maintain optimum temperature and humidity in the rearing house. ▪ Do not feed tender leaves in the late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	<ul style="list-style-type: none"> ▪ Avoid accidental introduction of silkworm pest, uzi fly (<i>Exorista bombycis</i>) by following precautions: ▪ Do not transport any reeling/seed cocoons from the uzi infested area to your area. ▪ If cocoons are marketed from your area to uzi infested area, ensure that no uzi maggots/pupae are hiding in the gunny bags used for transportation of cocoons before taking them back.

**CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE, MYSORE
AGROMET ADVISORY SERVICES (AAS)
FOR MEDAK DISTRICT**

Bulletin No.25

Month: September, 2014

Weather forecast for next 5 days for Medak district, Telangana

Parameters	10/09	11/09	12/09	13/09	14/09
Rainfall (mm)	3	0	0	0	2
Max Temperature (deg C)	25	28	28	26	29
Min Temperature (deg C)	22	21	21	21	22
Total cloud cover (octa)	7	5	4	5	5
Max Relative Humidity (%)	84	80	78	74	80
Min Relative Humidity (%)	60	56	48	44	52
Wind speed (kmph)	18	17	14	13	13
Wind direction (deg)	240	240	250	270	270

Agro Meteorological Advisory for Medak District

- Provide proper spacing to the silkworms.
- Control mulberry diseases, pests and silkworm diseases by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	<ul style="list-style-type: none"> ▪ Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.2 % Bavistin (Carbendazim 50% WP) solution (@ 2 g/litre water). ▪ Safe period: 5 days.
Bacterial leaf blight	<ul style="list-style-type: none"> • Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin (1g/10 litre water) ▪ Safe period: 15 days OR ▪ Spray 0.01% Streptomycin (1g/10 litre water) ▪ Safe period: 15 days
Mulberry Pests	
Pink mealy bug/ Tukra	<ul style="list-style-type: none"> ▪ Collect the infested portion (along with the pest) in a polythene bag and destroy by burning. ▪ Spray 0.2% of DDVP (@ 2.63ml/litre water) 12 to 15 days after pruning. Safe period: 15 days. ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Leaf roller	<ul style="list-style-type: none"> ▪ Spray 0.2% of DDVP (@ 1 ml/lit water) 12-15 days after pruning. Safe period: 15 days. ▪ Release egg parasitoids <i>Trichogramma chilonis</i> @ 4 Tricho cards/acre after 3 days of chemical spray.

Thrips	<ul style="list-style-type: none"> ▪ Spray 0.1% of Rogor (@ 3 ml/litre water) 12-15 days after pruning. Safe period: 20 days ▪ Release predatory lady bird beetles <i>Scymnus coccivora</i> @ 250 adult beetles/ac.
Silkworm Diseases	
Flacherie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Feed silkworms with good quality leaf. Do not provide over matured/over stored /dirty leaf. ▪ Avoid starvation, overcrowding and accumulation of faeces in the rearing bed. ▪ Rear silkworms under optimum temperature and humidity. ▪ Avoid injury to the larvae. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Muscardine	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Practice personal and rearing hygiene. ▪ Avoid Low temperature and high humidity in the rearing house. If required use heater/stove to raise the temperature. ▪ Regulate bed humidity during rainy season by dusting slake lime powder during moult. ▪ Control mulberry pests in the mulberry garden. ▪ Pick up diseased larvae before mummification and dispose them by burning. ▪ Apply bed disinfectant, Ankush or Vijetha and Vijetha supplement as per schedule and quantity.
Grasserie	<ul style="list-style-type: none"> ▪ Conduct thorough disinfection of rearing house, surroundings and appliances with recommended disinfectant solution. ▪ Conduct an optional disinfection with 0.3% slaked lime solution when high incidence of disease noticed in the previous crop. ▪ Practice personal and rearing hygiene. ▪ Maintain optimum temperature and humidity in the rearing house. ▪ Do not feed tender leaves in the late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	<p>Avoid accidental introduction of silkworm pest, uzi fly (<i>Exorista bombycis</i>) by following precautions:</p> <ul style="list-style-type: none"> ▪ Do not transport any reeling/seed cocoons from the uzi infested area to your area. ▪ If cocoons are marketed from your area to uzi infested area, ensure that no uzi maggots/pupae are hiding in the gunny bags used for transportation of cocoons before taking them back.

**CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE,
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AGROMET ADVISORY SERVICES (AAS)
FOR NALGONDA DISTRICT**

Bulletin No.25

Month: September, 2014

Weather forecast for next 5 days for Nalgonda district, Telangana

Parameters	10/09	11/09	12/09	13/09	14/09
Rainfall (mm)	0	0	0	0	3
Max Temperature (deg C)	29	29	29	28	30
Min Temperature (deg C)	24	23	22	20	23
Total cloud cover (octa)	6	4	6	6	6
Max Relative Humidity (%)	74	70	72	74	80
Min Relative Humidity (%)	54	50	48	44	48
Wind speed (kmph)	16	14	13	12	15
Wind direction (deg)	250	240	250	260	270

Agro Meteorological Advisory for Nalgonda District

- Provide proper spacing to the silkworms.
- Control mulberry diseases and pests and silkworm diseases by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	<ul style="list-style-type: none"> ▪ Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.2 % Bavistin (Carbendazim 50% WP) solution (@ 2 g/litre water). ▪ Safe period: 5 days.
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	cards/acre after 3 days of chemical spray.
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Uzi fly	<p>Avoid accidental introduction of silkworm pest, uzi fly (<i>Exorista bombycis</i>) by following precautions:</p> <ul style="list-style-type: none"> ▪ Do not transport any reeling/seed cocoons from the uzi infested area to your area. ▪ If cocoons are marketed from your area to uzi infested area, ensure that no uzi maggots/pupae are hiding in the gunny bags used for transportation of cocoons before taking them back.