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

Bulletin No. 23 **Month: September, 2016**

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

Parameters	21/09	22/09	23/09	24/09	25/09
Rainfall (mm)	14	29	3	5	5
Max Temperature (deg C)	31	34	34	35	33
Min Temperature (deg C)	28	28	27	26	27
Total cloud cover (octa)	8	8	7	7	8
Max Relative Humidity (%)	97	94	91	94	93
Min Relative Humidity (%)	91	76	80	67	76
Wind speed (kmph)	6	7	5	9	9
Wind direction (deg)	250	260	210	280	270

Agro Meteorological Advisory for West Godavari District

- Provide proper aeration in the rearing shed.
- Provide proper spacing to the silkworms.
- Dust lime in the rearing bed before feeding
- Control mulberry diseases, silkworm diseases & pests by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	▪ 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	• Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin ▪ **Safe period:** 15 days **OR** ▪ Spray 0.01% Streptomycin ▪ **Safe period:** 15 days
Mulberry Pests	
Leaf roller	▪ Spray 0.076% of DDVP (@ 1 ml/lit water 12-15 days after pruning. **Safe period:** 15 days. ▪ Release egg parasitoids *Trichogramma chilonis* @ 4Tricho cards/acre after 3 days of chemical spray.
Pink mealy bug (Tukra)	▪ Collect the infested portion (along with the pest) in a polythene bag and destroy by burning. ▪ Spray 0.2% of DDVP (@ 2.63 ml/litre water 12 to 15 days after pruning. **Safe period**: 15 days. ▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.

Thrips	▪ Spray 0.1% of Rogor (@ 3 ml/litre water 12-15 days after pruning. **Safe period:** 20 days ▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.

Silkworm Diseases	
Flacherie	▪ 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	▪ 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 the rainy season by dusting slaked 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	▪ 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 late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	• Avoid accidental introduction of silkworm pest, uzi fly (*Exorista bombycis*) 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, MYSURU
AGROMET ADVISORY SERVICES (AAS)
FOR SRIKAKULAM DISTRICT

Bulletin No. 23 **Month: September, 2016**

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

Parameters	21/09	22/09	23/09	24/09	25/09
Rainfall (mm)	39	52	41	26	45
Max Temperature (deg C)	32	32	30	31	31
Min Temperature (deg C)	25	25	25	24	25
Total cloud cover (octa)	5	5	5	5	6
Max Relative Humidity (%)	93	98	95	89	87
Min Relative Humidity (%)	80	75	83	80	75
Wind speed (kmph)	5	3	3	4	3
Wind direction (deg)	60	80	120	90	280

Agro Meteorological Advisory for Srikakulam District

- Provide proper aeration in the rearing shed
- Provide proper spacing to the silkworms.
- Dust lime in the rearing bed before feeding.
- Control mulberry diseases, silkworm diseases & pests by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	▪ 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	• Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin ▪ **Safe period:** 15 days **OR** ▪ Spray 0.01% Streptomycin ▪ **Safe period:** 15 days
Mulberry Pests	
Leaf roller	▪ Spray 0.076% of DDVP (@ 1 ml/lit water 12-15 days after pruning. **Safe period:** 15 days. ▪ Release egg parasitoids *Trichogramma chilonis* @ 4Tricho cards/acre after 3 days of chemical spray.
Pink mealy bug (Tukra)	▪ 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 *Scymnus coccivora* @ 250 adult beetles/ac.
Thrips	▪ Spray 0.1% of Rogor (@ 3 ml/liter water 12-15 days after pruning. **Safe period:** 20 days ▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.
Silkworm Diseases	
Flacherie	▪ 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	▪ 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 the rainy season by dusting slaked 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	▪ 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 late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	▪ Avoid accidental introduction of silkworm pest, uzi fly (*Exorista bombycis*) 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, MYSURU
AGROMET ADVISORY SERVICES (AAS)
FOR MEDAK DISTRICT

Bulletin No. 23 **Month: September, 2016**

Weather forecast for next 5 days for Medak district, Telangana

Parameters	21/09	22/09	23/09	24/09	25/09
Rainfall (mm)	120	25	8	12	1
Max Temperature (deg C)	31	31	31	30	30
Min Temperature (deg C)	23	23	23	22	22
Total cloud cover (octa)	8	8	7	7	7
Max Relative Humidity (%)	93	98	93	85	86
Min Relative Humidity (%)	87	88	85	83	82
Wind speed (kmph)	15	14	16	18	14
Wind direction (deg)	270	260	250	250	250

Agro Meteorological Advisory for Medak District

- Provide proper aeration in the rearing shed.
- Provide proper spacing to the silkworms.
- Dust lime in the rearing bed before feeding.
- Control mulberry diseases, silkworm diseases & pests by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	▪ 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	• Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin ▪ **Safe period:** 15 days **OR** ▪ Spray 0.01% Streptomycin ▪ **Safe period:** 15 days
Mulberry Pests	
Leaf roller	▪ Spray 0.076% of DDVP (@ 1 ml/lit water 12-15 days after pruning. **Safe period:** 15 days. ▪ Release egg parasitoids *Trichogramma chilonis* @ 4Tricho cards/acre after 3 days of chemical spray.
Pink mealy bug (Tukra)	▪ 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 *Scymnus coccivora* @ 250 adult beetles/ac. ▪

Thrips	▪ Spray 0.1% of Rogor (@ 3 ml/litre water 12-15 days after pruning. **Safe period:** 20 days ▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.
Silkworm Diseases	
Flacherie	▪ 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	▪ 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 the rainy season by dusting slaked 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	▪ 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 late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	▪ Avoid accidental introduction of silkworm pest, uzi fly (*Exorista bombycis*) 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 NALGONDA DISTRICT

Bulletin No. 23 **Month: September, 2016**

Weather forecast for next 5 days for Nalgonda district, Telangana

Parameters	21/09	22/09	23/09	24/09	25/09
Rainfall (mm)	45	34	31	14	24
Max Temperature (deg C)	34	34	32	30	34
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	8	8	7	7	7
Max Relative Humidity (%)	89	91	88	82	82
Min Relative Humidity (%)	77	79	77	74	74
Wind speed (kmph)	17	15	14	17	14
Wind direction (deg)	270	260	260	260	260

Agro Meteorological Advisory for Nalgonda District

- Provide proper aeration in the rearing shed.
- Provide proper spacing to the silkworms.
- Dust time in the rearing bed before feeding.
- Control mulberry diseases, silkworm diseases & pests by following management practices.
- Avoid accidental introduction of silkworm pest, uzi fly.

Crop & Disease/pest	Management
Mulberry Diseases	
Leaf spot	▪ 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	• Collect the infested leaves in a polythene bag and destroy by burning. ▪ Spray 0.01% Agrimycin ▪ **Safe period:** 15 days **OR** ▪ Spray 0.01% Streptomycin ▪ **Safe period:** 15 days
Mulberry Pests	
Leaf roller	▪ Spray 0.076% of DDVP (@ 1 ml/lit water 12-15 days after pruning. **Safe period:** 15 days. ▪ Release egg parasitoids *Trichogramma chilonis* @ 4Tricho cards/acre after 3 days of chemical spray.
Pink mealy bug (Tukra)	▪ Collect the infested portion (along with the pest) in a polythene bag and destroy by burning. ▪ Spray 0.2% of DDVP (@ 2.63 ml/litre water 12 to 15 days after pruning. **Safe period**: 15 days.

	▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.
Thrips	▪ Spray 0.1% of Rogor (@ 3 ml/litre water 12-15 days after pruning. **Safe period:** 20 days ▪ Release predatory lady bird beetles *Scymnus coccivora* @ 250 adult beetles/ac.
Silkworm Diseases	
Flacherie	▪ 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	▪ 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 the rainy season by dusting slaked 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	▪ 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 late instars, feed quality mulberry leaf and avoid overcrowding. ▪ Apply bed disinfectant, Ankush or Vijetha as per schedule.
Uzi fly	▪ Avoid accidental introduction of silkworm pest, uzi fly (*Exorista bombycis*) 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.