**Content**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **State** | **Page No.** |
| 1 | Andaman & Nicobar Islands |  |
| 2 | Andhra Pradesh |  |
| 3 | Arunachal Pradesh |  |
| 4 | Assam |  |
| 5 | Bihar |  |
| 6 | Chhattisgarh |  |
| 7 | Goa |  |
| 8 | Gujarat |  |
| 9 | Haryana |  |
| 10 | Himachal Pradesh |  |
| 11 | Jammu & Kashmir |  |
| 12 | Jharkhand |  |
| 13 | Karnataka |  |
| 14 | Kerala |  |
| 15 | Madhya Pradesh |  |
| 16 | Maharashtra |  |
| 17 | Manipur |  |
| 18 | Meghalaya |  |
| 19 | Mizoram |  |
| 20 | Nagaland |  |
| 21 | Orissa |  |
| 22 | Punjab |  |
| 23 | Rajasthan |  |
| 24 | Sikkim |  |
| 25 | Tamil Nadu |  |
| 26 | Tripura |  |
| 27 | Uttar Pradesh |  |
| 28 | Uttarakhand |  |
| 29 | West Bengal |  |
| 30 | Delhi |  |
| 31 |  |  |
| 32 |  |  |

**Andaman & Nicobar Islands**

Andaman & Nicobar Islands comes under Agro Ecological Sub Region (AESR 20.1) of Agro Ecological Region 20 (AER 20) of coastal ecosystem covering 0.8 mha in three districts namely Nicobar, North & Middle Andaman and South Andaman. The region is comprising of group of Islands, hot perhumid ESR with shallow to medium deep, loamy to clayey Red and Yellow and Red Loamy soils, low to medium AWC and LGP 300 days. The mean annual rainfall and temperature ranges from 1400-1600 mm and 26-27°C respectively.

**AESR 20.1 :** The region is hot perhumid ESR with shallow to medium deep, loamy to clayey Red and Yellow and Red Loamy soils, low to medium AWC and LGP 300 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Nicobar | Exclusively water erosion & Coastal Salinity | Low in OC & Soil deficient in S |  |  |
| North & Middle Andaman | Exclusively water erosion & Coastal Salinity | Low in OC & Soil deficient in S |  |  |
| South Andaman | Exclusively water erosion & Coastal Salinity | Low in OC & Soil deficient in S, Zn, Cu |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Nicobar |  |
| North & Middle Andaman |  |
| South Andaman |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Nicobar |  |
| North & Middle Andaman |  |
| South Andaman |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Nicobar |  |  |
| North & Middle Andaman |  |  |
| South Andaman |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Nicobar |  |
| North & Middle Andaman |  |
| South Andaman |  |

**Andhra Pradesh**

Andhra Pradesh comprises of four Agro Ecological Regions (AER) namely 3,7,12 and 18.

**Agro-Eco Region 3 :**

AER 3 in Andhra Pradesh comprises of Ananthapur district of Deccan Plateau under Agro Ecological Sub Region (AESR) 3.

**AESR 3 :** The region hot arid ESR with deep loamy and clayey mixed Red and Black soils, low to medium AWC and LGP 60-90 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Ananthapur | **-** | Low in OC |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Ananthapur |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| East Kameng |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Ananthapur |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Ananthapur |  |

**Agro-Eco Region 7 :**

AER 7 in Andhra Pradesh comprises of Cuddapah, Guntur, Krishna, Nellore, Prakasam, West Godavari and Kurnool districts of Deccan (Telangana) Plateau and Eastern Ghats under Agro Ecological Sub Regions (AESR) 7.1 & 7.3.

**AESR 7.1 :** The region hot dry semi-arid ESR with deep loamy to clayey mixed Red and Black soils, medium AWC and LGP 90-120 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Cuddapah | Exclusively water erosion | Low in OC |  |  |
| Kurnool | **-** | Low in OC & Soil deficient in Zn |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Cuddapah |  |
| Kurnool |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Cuddapah |  |
| Kurnool |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Cuddapah |  |  |
| Kurnool |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Cuddapah |  |
| Kurnool |  |

**AESR 7.3 :** The region hot moist semi-arid/dry subhumid ESR with medium to deep, loamy to clayey mixed Red and Black soils, medium AWC and LGP 150-180 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Guntur | Coastal Salinity | Low in OC , Soil deficient in Zn & B |  |  |
| Krishna | Waterlogged & Coastal Salinity | Low in OC |  |  |
| Nellore | Waterlogged & Coastal Salinity | Low in OC, Soil deficient in Zn & Fe |  |  |
| Prakasam | Waterlogged & Coastal Salinity | Low in OC , Soil deficient in Zn, Fe & B |  |  |
| West Godavari | Waterlogged & Coastal Salinity | Low in OC, Soil deficient in B &S |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Guntur |  |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Guntur |  |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Guntur |  |  |
| Krishna |  |  |
| Nellore |  |  |
| Prakasam |  |  |
| West Godavari |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Guntur |  |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**Agro-Eco Region 12 :**

AER 12 in Andhra Pradesh comprises of East Godavari district of Eastern (Chhotanagpnr) Plateau and Eastern Ghats under Agro Ecological Sub Region (AESR) 12.1.

**AESR 12.1 :** The region hot moist subhumid ESR with deep loamy Red and Lateritic soils, low to medium AWC and LGP 180-210 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| East Godavari | Waterlogged & Coastal Salinity | - |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| East Godavari |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| East Godavari |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| East Godavari |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| East Godavari |  |

**Agro-Eco Region 18 :**

AER 18 in Andhra Pradesh comprises of Krishna, Nellore, Prakasam, West Godavari, East Godavari, Vishakhapatnam, Srikakulam and Vizianagaram districts of Eastern Coastal Plain under Agro Ecological Sub Regions (AESR) 18.3 and 18.4.

**AESR 18.3 :** The region clayey Coastal and Deltaic alluvium-derived soils, low to medium AWC and LGP 150-180 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Krishna | Waterlogged & Coastal Salinity | Low in OC |  |  |
| Nellore | Waterlogged & Coastal Salinity | Low in OC, Soil deficient in Zn & Fe |  |  |
| Prakasam | Waterlogged & Coastal Salinity | Low in OC & Soil deficient in S |  |  |
| West Godavari | Waterlogged & Coastal Salinity | Soil deficient in S & **B** |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Krishna |  |  |
| Nellore |  |  |
| Prakasam |  |  |
| West Godavari |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Krishna |  |
| Nellore |  |
| Prakasam |  |
| West Godavari |  |

**AESR 18.4 :** The region hot dry subhumid ESR with deep, loamy to clayey Coastal and deltaic alluvium derived soils, medium AWC and LGP 180-210 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| East Godavari | Waterlogged & Coastal Salinity | **-** |  |  |
| Vishakhapatnam | Coastal Salinity | Low in OC, Soil Deficient in Zn & B |  |  |
| Srikakulam | Waterlogged & Coastal Salinity | Low in OC |  |  |
| Vizianagaram | - | Low in OC ,Soil Deficient in Zn & B |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| East Godavari |  |
| Vishakhapatnam |  |
| Srikakulam |  |
| Vizianagaram |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| East Godavari |  |
| Vishakhapatnam |  |
| Srikakulam |  |
| Vizianagaram |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| East Godavari |  |  |
| Vishakhapatnam |  |  |
| Srikakulam |  |  |
| Vizianagaram |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| East Godavari |  |
| Vishakhapatnam |  |
| Srikakulam |  |
| Vizianagaram |  |

**Arunachal Pradesh**

Arunachal Pradesh comprises of two Agro Ecological Regions (AER) namely 16 and 17.

**Agro-Eco Region 16 :**

AER 16 in Arunachal Pradesh comprises of East Kameng, East Siang, Anjaw, Kurung Kumey, Tawang, Upper Subansiri, West Kameng, West Siang, Upper Siang, Dibang Valley, Papum-pare, Lower Subansiri, Lohit and Lower Dibang Valley districts of Eastern Himalayas under Agro Ecological Sub Region (AESR) 16.3.

**AESR 16.3 :** The region warm to hot perhumid ESR with deep, loamy to clayey Red Loamy soils, low to medium AWC and LGP 300 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| East Kameng | **-** |  |  |  |
| East Siang | - |  |  |  |
| Anjaw | **-** |  |  |  |
| Kurung Kumey | **-** |  |  |  |
| Tawang | **-** |  |  |  |
| Upper Subansiri | **-** |  |  |  |
| West Kameng | **-** |  |  |  |
| West Siang | **-** |  |  |  |
| Upper Siang | **-** |  |  |  |
| Dibang Valley | **-** |  |  |  |
| Papum-pare | **-** |  |  |  |
| Lower Subansiri | **-** |  |  |  |
| Lohit | **-** |  |  |  |
| Lower Dibang Valley | **-** |  |  |  |
| Anini | Acid Soil under water erosion |  |  |  |
| Khonsa | Acid Soil under water erosion |  |  |  |
| Tezu | Acid Soil under water erosion |  |  |  |
| Along | Acid Soil under water erosion |  |  |  |
| Bomdila | Acid Soil under water erosion |  |  |  |
| Daporijo | Acid Soil under water erosion |  |  |  |
| Seppa | Acid Soil |  |  |  |
| Ziro | Acid Soil under water erosion |  |  |  |
| Pasighat | Acid Soil under water erosion |  |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| East Kameng |  |
| East Siang |  |
| Anjaw |  |
| Kurung Kumey |  |
| Tawang |  |
| Upper Subansiri |  |
| West Kameng |  |
| West Siang |  |
| Upper Siang |  |
| Dibang Valley |  |
| Papum-pare |  |
| Lower Subansiri |  |
| Lohit |  |
| Lower Dibang Valley |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| East Kameng |  |
| East Siang |  |
| Anjaw |  |
| Kurung Kumey |  |
| Tawang |  |
| Upper Subansiri |  |
| West Kameng |  |
| West Siang |  |
| Upper Siang |  |
| Dibang Valley |  |
| Papum-pare |  |
| Lower Subansiri |  |
| Lohit |  |
| Lower Dibang Valley |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| East Kameng |  |  |
| East Siang |  |  |
| Anjaw |  |  |
| Kurung Kumey |  |  |
| Tawang |  |  |
| Upper Subansiri |  |  |
| West Kameng |  |  |
| West Siang |  |  |
| Upper Siang |  |  |
| Dibang Valley |  |  |
| Papum-pare |  |  |
| Lower Subansiri |  |  |
| Lohit |  |  |
| Lower Dibang Valley |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| East Kameng |  |
| East Siang |  |
| Anjaw |  |
| Kurung Kumey |  |
| Tawang |  |
| Upper Subansiri |  |
| West Kameng |  |
| West Siang |  |
| Upper Siang |  |
| Dibang Valley |  |
| Papum-pare |  |
| Lower Subansiri |  |
| Lohit |  |
| Lower Dibang Valley |  |

**Assam**

Assam comprises of two Agro Ecological Regions (AER) namely 15 and 17.

**Agro-Eco Region 15 :**

AER 15 in Assam comprises of Baksa, Barpeta, Darrang, Kamrup Metro , Kamrup Rural , Morigaon , Nagaon , Nalbari , Sonitpur , Udalguri , Bongaigaon , Cachar , Dhubri , Goalpara,Hailakandi , Karimganj , Kokrajhar,Chirang,Dhemaji,Dibrugarh,Golaghat, Jorhat , Lakhimpur , Sibsagar , Tinsukia and Karbi Analog districts of Eastern Himalayas under Agro Ecological Sub Regions (AESR) 15.2.15.3 and 15.4.

**AESR 15.2 :** The region warm to hot perhumid ESR with deep, loamy to clayey Red Loamy soils, low to medium AWC and LGP 300 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Baksa | Exclusively water erosion |  |  |  |
| Barpeta | Exclusively water erosion & Waterlogged |  |  |  |
| Darrang | Exclusively water erosion |  |  |  |
| Kamrup Metro | Waterlogged |  |  |  |
| Kamrup Rural | Exclusively water erosion |  |  |  |
| Morigaon | **-** |  |  |  |
| Nagaon | Exclusively water erosion & Waterlogged |  |  |  |
| Nalbari | Exclusively water erosion & Waterlogged |  |  |  |
| Sonitpur | Exclusively water erosion |  |  |  |
| Udalguri | Exclusively water erosion |  |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Baksa |  |
| Barpeta |  |
| Darrang |  |
| Kamrup Metro |  |
| Kamrup Rural |  |
| Morigaon |  |
| Nagaon |  |
| Nalbari |  |
| Sonitpur |  |
| Udalguri |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Baksa |  |
| Barpeta |  |
| Darrang |  |
| Kamrup Metro |  |
| Kamrup Rural |  |
| Morigaon |  |
| Nagaon |  |
| Nalbari |  |
| Sonitpur |  |
| Udalguri |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Baksa |  |  |
| Barpeta |  |  |
| Darrang |  |  |
| Kamrup Metro |  |  |
| Kamrup Rural |  |  |
| Morigaon |  |  |
| Nagaon |  |  |
| Nalbari |  |  |
| Sonitpur |  |  |
| Udalguri |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Baksa |  |
| Barpeta |  |
| Darrang |  |
| Kamrup Metro |  |
| Kamrup Rural |  |
| Morigaon |  |
| Nagaon |  |
| Nalbari |  |
| Sonitpur |  |
| Udalguri |  |

**AESR 15.3 :** The region warm to hot perhumid ESR with deep, loamy to clayey Red Loamy soils, low to medium AWC and LGP 300 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Bongaigaon | Exclusively water erosion |  |  |  |
| Cachar | Waterlogged |  |  |  |
| Dhubri | Waterlogged |  |  |  |
| Goalpara | Exclusively acid soils |  |  |  |
| Hailakandi | **-** |  |  |  |
| Karimganj | **-** |  |  |  |
| Kokrajhar | Waterlogged |  |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Bongaigaon |  |
| Cachar |  |
| Dhubri |  |
| Goalpara |  |
| Hailakandi |  |
| Karimganj |  |
| Kokrajhar |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Bongaigaon |  |
| Cachar |  |
| Dhubri |  |
| Goalpara |  |
| Hailakandi |  |
| Karimganj |  |
| Kokrajhar |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Bongaigaon |  |  |
| Cachar |  |  |
| Dhubri |  |  |
| Goalpara |  |  |
| Hailakandi |  |  |
| Karimganj |  |  |
| Kokrajhar |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Bongaigaon |  |
| Cachar |  |
| Dhubri |  |
| Goalpara |  |
| Hailakandi |  |
| Karimganj |  |
| Kokrajhar |  |

**AESR 15.4 :** The region warm to hot perhumid ESR with moderately deep to deep loamy, alluvium-derived soils, medium AWC and LGP 300 days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| Chirang | Exclusively water erosion |  |  |  |
| Dhemaji | Waterlogged |  |  |  |
| Dibrugarh | Acid soils under water erosion & Waterlogged |  |  |  |
| Golaghat | Acid soils under water erosion & Waterlogged |  |  |  |
| Jorhat | Acid soils under water erosion & Waterlogged |  |  |  |
| Lakhimpur | Exclusively water erosion |  |  |  |
| Sibsagar | Exclusively acid soils&Waterlogged |  |  |  |
| Tinsukia | Acid soils under water erosion |  |  |  |
| Karbi Analog | Exclusively water erosion |  |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| Chirang |  |
| Dhemaji |  |
| Dibrugarh |  |
| Golaghat |  |
| Jorhat |  |
| Lakhimpur |  |
| Sibsagar |  |
| Tinsukia |  |
| Karbi Analog |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| Chirang |  |
| Dhemaji |  |
| Dibrugarh |  |
| Golaghat |  |
| Jorhat |  |
| Lakhimpur |  |
| Sibsagar |  |
| Tinsukia |  |
| Karbi Analog |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| Chirang |  |  |
| Dhemaji |  |  |
| Dibrugarh |  |  |
| Golaghat |  |  |
| Jorhat |  |  |
| Lakhimpur |  |  |
| Sibsagar |  |  |
| Tinsukia |  |  |
| Karbi Analog |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| Chirang |  |
| Dhemaji |  |
| Dibrugarh |  |
| Golaghat |  |
| Jorhat |  |
| Lakhimpur |  |
| Sibsagar |  |
| Tinsukia |  |
| Karbi Analog |  |

**Agro-Eco Region 17 :**

AER 17 in Assam comprises of N.C Hills district of North-eastern Hills (Purvachal) basin under Agro Ecological Sub Region (AESR) 17.1.

**AESR 17.1 :** The region warm to hot moist humid to perhumid ESR with medium to deep loamy to clayey Red and Lateritic soils, medium AWC and LGP 270-300+ days in a year.

**Major NRM issues :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Districts** | ***Land degradation*** | ***Soil health & fertility*** | ***Water related constraints*** | ***Environmental constraints*** |
| N.C Hills | Water erosion under open forest |  |  |  |

**Major technological Interventions:**

|  |  |
| --- | --- |
| **Districts** | **Major technological Interventions** |
| N.C Hills |  |

**Relevant Developmental Schemes:**

|  |  |
| --- | --- |
| **Districts** | **Relevant Developmental Schemes** |
| N.C Hills |  |

**Crop Planning/Farming System:**

|  |  |  |
| --- | --- | --- |
| **Districts** | **Existing Cropping/farming system** | **Alternate Cropping/farming system** |
| N.C Hills |  |  |

**Important Links :**

*District Soil nutrient status:*

*District Contingency Plan:*

*District Irrigation Plan:*

*District ground water status:*

*District Vulnerability status:*

***Relevant Research Institutes/SAUs/KVKs/STL for technical backstopping:***

|  |  |
| --- | --- |
| **Districts** |  |
| N.C Hills |  |