

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre <u>West Siang, Basar - 791 101</u>



## (Changlang)

No: -74/2012-13/Tue <u>Dated: 15<sup>th</sup> January, 2013</u>

## Weather during the last four days

- Rainfall: -
  - Changlang –NA
  - Miao- NA

#### **Weather Forecast**

- Rainfall Mainly clear weather is forecasted.
- **Temperature** The temperature is likely to be in the range of 9-27°C.
- **Relative Humidity** The RH is likely to be in the range of 56-82%.

#### Weather Based Agro-meteorological Advisories Bulletin

| Crop           | Stage           | Pest/Disease |   | Precautionary Practices to be followed                      |  |  |  |
|----------------|-----------------|--------------|---|---|--|--|--|
|                | VEGETABLE CROPS |              |   |   |  |  |  |
| Cauliflower    | Vegetative/     |              | • | Need based irrigation is advised (Late crop),               |  |  |  |
| /Cabbage/Knol  | Maturity        |              | • | Mulching with locally available weeds, paddy straws etc to  |  |  |  |
| khol/Brocolli/ |                 |              |   | conserve soil moisture,                                     |  |  |  |
|                |                 | <del>,</del> | • | FIELD CROPS   |  |  |  |
| Potato         | Vegetative      | Late Blight  | • | Monitor the crop for symptoms of blight.                    |  |  |  |
|                |                 |              | • | Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre  |  |  |  |
|                |                 |              |   | of water  |  |  |  |
| Pea            | Vegetative      | Aphid        | • | Spray Dimethoate @ 2 ml per litre of water wherever         |  |  |  |
|                |                 |              |   | damage is severe  |  |  |  |
| Rapeseed/      | Flowering       | Aphid        | • | Collect and dispose off the heavily infested twigs,         |  |  |  |
| Mustard        |                 | Painted bug  | • | For painted bug dusting with wood ash is advised,           |  |  |  |
|                |                 | T            |   | FRUIT CROPS   |  |  |  |
| Lemon/other    | Harvest         | Lichens/     | • | In present weather conditions remove lichens/mosses from    |  |  |  |
| citrus fruits  | Post harvest    | mosses       |   | the affected trees using gunny bags smoothly,               |  |  |  |
|                |                 |              | • | Prune the diseased and dried branches,                      |  |  |  |
|                |                 |              | • | Collect and bury fallen fruits,                             |  |  |  |
|                |                 | T            |   | LIVESTOCKS  |  |  |  |
| Livestock      | Stage           | Disease      |   | Precautionary Practices to be followed                      |  |  |  |
| Poultry        | All stages      | Cold         | • | Day old chick-Maintain warmth by lighting,                  |  |  |  |
|                |                 |              | • | Provide heat by lighting 100W filament bulb @ 1 bulb per 20 |  |  |  |
|                |                 | Coccidiosis  |   | newly born chicks,  |  |  |  |
|                |                 |              | • | In present weather conditions frequently turn the           |  |  |  |
|                |                 |              |   | litters/avoid hardening of litters,                         |  |  |  |
|                |                 |              | • | Provide limited ventilation,                                |  |  |  |
|                |                 |              | • | Add multivitamin feeds (More of Vit C)                      |  |  |  |
| D:             | NI I            | C 11         | • | Add Amprolium to the ration,                                |  |  |  |
| Pigs           | New born        | Cold         | • | Warming of pig sheds using gunny bags, straw, enclosure,    |  |  |  |
| Cattle         | All stages      | FMD          | • | Vaccination – of healthy animals                            |  |  |  |
|                |                 | Dogwinate    | • | Treatment – sick animals,                                   |  |  |  |
|                |                 | Respiratory  | • | Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg  |  |  |  |
|                |                 |              |   | body weight animal (Avoid injecting to Pregnant animals)    |  |  |  |

• Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department

Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)



ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



### (Lower Dibang Valley)

No: -74/2012-13/Tue <u>Dated: 15th January, 2013</u>

## Weather during the last four days

- Rainfall: -
  - Roing NA

#### Weather during the last four days

- Rainfall Mainly clear weather is forecasted with possibility of cloudy development on some day
- <u>Temperature</u> The temperature is likely to be in the range of 8-22°C.
- Relative Humidity The RH is likely to be in the range of 62-79 %.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                   | Pest/Disease         | Precautionary Practices to be followed  |  |  |  |  |
|--|-------------------------|----------------------|---|--|--|--|--|
|  | VEGETABLE CROPS         |                      |   |  |  |  |  |
| Cauliflower<br>/Cabbage/Knol<br>khol/Brocolli/ | Vegetative/<br>Maturity |                      | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>   |  |  |  |  |
| Datata   | 17                      | I -4 - Dli -l-4      | FIELD CROPS   |  |  |  |  |
| Potato   | Vegetative              | Late Blight          | <ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water</li> </ul>   |  |  |  |  |
| Pea  | Vegetative              | Aphid                | <ul> <li>Spray Dimethoate @ 2 ml per litre of water wherever<br/>damage is severe</li> </ul>  |  |  |  |  |
| Rapeseed/<br>Mustard                           | Flowering               | Aphid<br>Painted bug | <ul><li>Collect and dispose off the heavily infested twigs,</li><li>For painted bug dusting with wood ash is advised,</li></ul>   |  |  |  |  |
|  |                         |                      | FRUIT CROPS   |  |  |  |  |
| Lemon/other citrus fruits                      | Harvest<br>Post harvest | Lichens/<br>mosses   | <ul> <li>In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul>                   |  |  |  |  |
|  |                         |                      | LIVESTOCKS  |  |  |  |  |
| Livestock                                      | Stage                   | Disease              | Precautionary Practices to be followed  |  |  |  |  |
| Poultry  | All stages              | Cold                 | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> </ul>  |  |  |  |  |
|  |                         |                      | <ul> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> |  |  |  |  |
| Pigs   | New born                | Cold                 | Warming of pig sheds using gunny bags, straw, enclosure,  |  |  |  |  |
| Cattle   | All stages              | FMD<br>Respiratory   | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> </ul>                  |  |  |  |  |

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West Siang, Basar – 791 101



## (East Kameng)

<u>No: -74/2012-13/Tue</u> <u>Dated: 15th January, 2013</u>

## Weather during the last four days

Rainfall: -

Seppa – NA

### **Weather Forecast**

- Rainfall Mainly clear weather is forecasted with possibility of cloudy development on some day
- <u>Temperature</u> The temperature is likely to be in the range of 9-24°C
- **Relative Humidity** The RH is likely to be in the range of 71-83%.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                                 | Pest/Disease         | Precautionary Practices to be followed  |
|--|---------------------------------------|----------------------|---|
|  |                                       |                      | VEGETABLE CROPS   |
| Cauliflower<br>/Cabbage/Kno<br>lkhol/Brocolli/   | Vegetative/<br>Maturity               |                      | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>   |
| Ginger/<br>Turmeric<br>Leafy rapeseed<br>mustard | Harvesting/<br>Maturity<br>Vegetative | Flea Beetle          | <ul> <li>Seed treatment of seed purpose rhizome,</li> <li>Cure should be taken at harvesting to avoid rhizome damage,</li> <li>Apply wood ash in the morning hours</li> </ul>   |
|  |                                       | 1                    | FIELD CROPS   |
| Potato   | Vegetative                            | Late Blight          | <ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water</li> </ul>   |
| Rapeseed/<br>Mustard                             | Flowering                             | Aphid<br>Painted bug | <ul> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> </ul>  |
| Khasi  | Harvest                               | Lichens/             | <ul> <li>FRUIT CROPS</li> <li>In present weather conditions remove lichens/mosses from</li> </ul>   |
| Mandarin   | Post harvest                          | mosses               | <ul><li>the affected trees using gunny bags smoothly,</li><li>Prune the diseased and dried branches,</li></ul>  |
|  |                                       |                      | Collect and bury fallen fruits,   |
|  |                                       | T                    | LIVESTOCKS  |
| Livestock  | Stage                                 | Disease              | Precautionary Practices to be followed  |
| Poultry  | All stages                            | Cold<br>Coccidiosis  | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> |
| Pigs   | New born                              | Cold                 | Warming of pig sheds using gunny bags, straw, enclosure,  |
| Cattle   | All stages                            | FMD<br>Respiratory   | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> </ul>  |
| Goat/Sheep                                       | All stages                            | Goat pox             | <ul> <li>Vaccinate with PPX,</li> <li>Provide standard feeds,</li> </ul>  |

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West Siang, Basar – 791 101

### (East-Siang)

No: -74/2012-13/Tue <u>Dated: 15th January, 2013</u>

### Weather during the last four days

Maximum temperature: NAMinimum Temperature: NA

• Rainfall:

Passighat -NA

Relative humidity (%):NA

### **Weather Forecast**

- Rainfall Mainly clear weather is forecasted with possibility of cloudy development on some day.
- <u>Temperature</u> The temperature is likely to be in the range of 10-24°C.
- Relative Humidity The RH is likely to be in the range of 58-82%.

## Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                   | Pest/Disease         | Precautionary Practices to be followed  |  |  |  |  |
|--|-------------------------|----------------------|---|--|--|--|--|
|  | VEGETABLE CROPS         |                      |   |  |  |  |  |
| Cauliflower<br>/Cabbage/Kno<br>lkhol/Brocolli/ | Vegetative/<br>Maturity |                      | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>   |  |  |  |  |
| Ginger/<br>Turmeric                            | Harvesting/<br>Maturity |                      | <ul> <li>Seed treatment of seed purpose rhizome,</li> <li>Cure should be taken at harvesting to avoid rhizome damage,</li> </ul>  |  |  |  |  |
| Leafy rapeseed<br>mustard                      | Vegetative              | Flea Beetle          | Apply wood ash in the morning hours   |  |  |  |  |
|  |                         |                      | FIELD CROPS   |  |  |  |  |
| Potato   | Vegetative              | Late Blight          | <ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water</li> </ul>   |  |  |  |  |
| Rapeseed/<br>Mustard                           | Flowering               | Aphid<br>Painted bug | <ul><li>Collect and dispose off the heavily infested twigs,</li><li>For painted bug dusting with wood ash is advised,</li></ul>   |  |  |  |  |
|  |                         |                      | FRUIT CROPS   |  |  |  |  |
| Khasi<br>Mandarin                              | Harvest<br>Post harvest | Lichens/<br>mosses   | <ul> <li>In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul>   |  |  |  |  |
|  |                         |                      | LIVESTOCKS  |  |  |  |  |
| Livestock                                      | Stage                   | Disease              | Precautionary Practices to be followed  |  |  |  |  |
| Poultry  | All stages              | Cold<br>Coccidiosis  | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> |  |  |  |  |
| Pigs   | New born                | Cold                 | Warming of pig sheds using gunny bags, straw, enclosure,  |  |  |  |  |
| Cattle   | All stages              | FMD<br>Respiratory   | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> </ul>  |  |  |  |  |
| Goat/Sheep                                     | All stages              | Goat pox             | <ul> <li>Vaccinate with PPX,</li> <li>Provide standard feeds,</li> </ul>  |  |  |  |  |

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West Siang, Basar - 791 101



## (Lohit)

No: -74/2012-13/Tue Dated: 15th January, 2013
Weather during the last four days

### • Rainfall: -

- Tezu –NA
- Namsai –NA

### **Weather Forecast**

- Rainfall Weather will be mainly clear with possibility of partly cloudy development on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 9-25°C.
- Relative Humidity The RH is likely to be in the range of 60-80%.

#### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                   | Pest/Disease         |     | Precautionary Practices to be followed  |
|--|-------------------------|----------------------|-----|---|
|  |                         | ,                    | VEG | ETABLE CROPS  |
| Cauliflower<br>/Cabbage/Knol<br>khol/Brocolli/ | Vegetative/<br>Maturity |                      |     | Need based irrigation is advised (Late crop), Mulching with locally available weeds, paddy straws etc to conserve soil moisture, FIELD CROPS  |
| Datata   | Wa makakina             | I ata Dlialat        |     |   |
| Potato   | Vegetative              | Late Blight          | •   | Monitor the crop for symptoms of blight.  Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water   |
| Pea  | Vegetative              | Aphid                | •   | Spray Dimethoate @ 2 ml per litre of water wherever damage is severe  |
| Rapeseed/<br>Mustard                           | Flowering               | Aphid<br>Painted bug | •   | Collect and dispose off the heavily infested twigs,<br>For painted bug dusting with wood ash is advised,  |
| Mustaru  |                         | Tamica bug           |     | FRUIT CROPS   |
| Lemon/other citrus fruits                      | Harvest<br>Post harvest | Lichens/<br>mosses   | •   | In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly, Prune the diseased and dried branches, Collect and bury fallen fruits,                                   |
|  |                         | T                    |     | LIVESTOCKS  |
| Livestock                                      | Stage                   | Disease              |     | Precautionary Practices to be followed  |
| Poultry  | All stages              | Cold<br>Coccidiosis  |     | Day old chick-Maintain warmth by lighting, Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, In present weather conditions frequently turn the litters/avoid hardening of litters, |
|  |                         |                      | •   | Provide limited ventilation, Add multivitamin feeds (More of Vit C) Add Amprolium to the ration,  |
| Pigs   | New born                | Cold                 | •   | Warming of pig sheds using gunny bags, straw, enclosure,  |
| Cattle   | All stages              | FMD<br>Respiratory   | •   | Vaccination – of healthy animals Treatment – sick animals, Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)                                  |

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West Siang, Basar - 791 101



## (Lower Subansiri)

<u>No: -74/2012-13/Tue</u> <u>Dated: 15<sup>th</sup> January, 2013</u>

## Weather during the last four days

Rainfall: -

1. Ziro - NA

#### **Weather Forecast**

- Rainfall- Weather will be mainly clear with possibility of partial cloudiness on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 4-19°C.
- Relative Humidity The RH is likely to be in the range of 70-91%.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                                 | Pest/Disease        | Precautionary Practices to be followed  |
|--|---------------------------------------|---------------------|---|
|  |                                       |                     | VEGETABLE CROPS   |
| Cauliflower<br>/Cabbage/Kno<br>lkhol/Brocolli/   | Vegetative/<br>Maturity               |                     | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>   |
| Ginger/<br>Turmeric<br>Leafy rapeseed<br>mustard | Harvesting/<br>Maturity<br>Vegetative | Flea Beetle         | <ul> <li>Seed treatment of seed purpose rhizome,</li> <li>Cure should be taken at harvesting to avoid rhizome damage,</li> <li>Apply wood ash in the morning hours</li> </ul>   |
| mustaru  |                                       |                     | FIELD CROPS   |
|  |                                       |                     | FRUIT CROPS   |
| Khasi<br>Mandarin                                | Harvest<br>Post harvest               | Lichens/<br>mosses  | <ul> <li>In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul>   |
|  |                                       |                     | LIVESTOCKS  |
| Livestock  | Stage                                 | Disease             | Precautionary Practices to be followed  |
| Poultry  | All stages                            | Cold<br>Coccidiosis | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> |
| Pigs   | New born                              | Cold                | Warming of pig sheds using gunny bags, straw, enclosure,  |
| Cattle   | All stages                            | FMD<br>Respiratory  | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> </ul>  |
| Goat/Sheep                                       | All stages                            | Goat pox            | <ul><li>Vaccinate with PPX,</li><li>Provide standard feeds,</li></ul>   |

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar – 791 101



## (Papum Pare)

No: -74/2012-13/Tue Dated: 15th January, 2013

### Weather during the last four days

Maximum temperature: NA
Minimum Temperature: NA
Relative Humidity (%):NA

Rainfall: -

Itanagar – NA
 Naharlagun – NA

#### **Weather Forecast**

- Rainfall- Clear/Partially cloudy weather is forecasted.
- **Temperature** The temperature is likely to be in the range of 10-27°C
- **Relative Humidity** The RH is likely to be in the range of 62-74%.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                                 | Pest/Disease         | Precautionary Practices to be followed   |
|--|---------------------------------------|----------------------|--|
|  |                                       |                      | VEGETABLE CROPS  |
| Cauliflower<br>/Cabbage/Kno<br>lkhol/Brocolli/ | Vegetative/<br>Maturity               |                      | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>  |
| Ginger/<br>Turmeric<br>Leafy rapeseed          | Harvesting/<br>Maturity<br>Vegetative | Flea Beetle          | <ul> <li>Seed treatment of seed purpose rhizome,</li> <li>Cure should be taken at harvesting to avoid rhizome damage,</li> <li>Apply wood ash in the morning hours</li> </ul>  |
| mustard  | vegetative                            | Tied Deetie          |  |
| T.   |                                       | 1                    | FIELD CROPS  |
| Potato   | Vegetative                            | Late Blight          | <ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water</li> </ul>  |
| Rapeseed/<br>Mustard                           | Flowering                             | Aphid<br>Painted bug | <ul> <li>Collect and dispose off the heavily infested twigs,</li> <li>For painted bug dusting with wood ash is advised,</li> </ul>   |
| Khasi<br>Mandarin                              | Harvest<br>Post harvest               | Lichens/<br>mosses   | <ul> <li>FRUIT CROPS</li> <li>In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul> |
|  |                                       |                      | LIVESTOCKS   |
| Livestock                                      | Stage                                 | Disease              | Precautionary Practices to be followed   |
| Poultry  | All stages                            | Cold<br>Coccidiosis  | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> </ul>   |
|  |                                       |                      | <ul> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul>    |
| Pigs   | New born                              | Cold                 | Warming of pig sheds using gunny bags, straw, enclosure,   |
| Cattle   | All stages                            | FMD<br>Respiratory   | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg</li> </ul>  |
| Goat/Sheep                                     | All stages                            | Goat pox             | <ul> <li>body weight animal (Avoid injecting to Pregnant animals)</li> <li>Vaccinate with PPX,</li> <li>Provide standard feeds,</li> <li>Staff or KVK staff for measures against adverse conditions or</li> </ul>                        |

 Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795222247 (KVK, West Siang)

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre West Siang, Basar - 791 101



### (Tawang)

<u>No: -74/2012-13/Tue</u> <u>Dated: 15<sup>th</sup> January, 2013</u>

## Weather during the last four days

- Rainfall: -
  - 1. Tawang -NA

### **Weather Forecast**

- Rainfall Weather will be clear/partial cloudy for next 2-3 days
- **Temperature** The temperature is likely to be in the range of -1-14°C.
- **Relative Humidity** The RH is likely to be in the range of 62-86%.

#### Weather Based Agro-meteorological Advisories Bulletin

| Stage      | Pest/Disease   | Precautionary Practices to be followed   |
|------------|--|--|
| Post       | Trunk Borer  | Apply Bordeaux mixture to the tree trunk,  |
| harvest    |  | <ul> <li>Burn the cut branches, don't heap in and around the crop field,</li> </ul>                                  |
|            | Training   | Train the plant and remove dead branches and stem cankers  |
|            |  | and apply Bordeaux paste on cut portions,  |
| Post       |  | Training and pruning is advised,   |
| Harvest    |  |  |
|            |  | LIVESTOCKS   |
| Stage      | Pest/Disease   | Precautionary Practices to be followed   |
| All stages | Cold   | Day old chick-Maintain warmth by lighting,   |
|            |  | • Provide heat by lighting 100W filament bulb @ 1 bulb per 20  |
|            | Coccidiosis  | newly born chicks,   |
|            |  | • In present weather conditions frequently turn the litters/avoid  |
|            |  | hardening of litters,  |
|            |  | Provide limited ventilation,   |
|            |  | Add multivitamin feeds (More of Vit C)   |
|            |  | Add Amprolium to the ration,   |
| New born   | Cold   | Warming of pig sheds using gunny bags, straw, enclosure,   |
|            |  |  |
| All stages | FMD  | Vaccination – of healthy animals   |
|            |  | Treatment – sick animals,  |
|            | Respiratory  | • Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg   |
|            |  | body weight animal (Avoid injecting to Pregnant animals)   |
|            | Post harvest  Post Harvest  Stage All stages  New born | Post harvest  Training  Post Harvest  Stage Pest/Disease All stages Cold  Coccidiosis  New born Cold  All stages FMD |

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### (Tirap)

No: -74/2012-13/Tue <u>Dated: 15<sup>th</sup> January, 2013</u>

# Weather during the last four days

- Rainfall: -
  - Khonsa –NA
  - Deomali –NA

#### **Weather Forecast**

- Rainfall: Weather will be mainly clear with possibility of partly cloudy on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 9-21°C.
- Relative Humidity The RH is likely to be in the range of 59-76%.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop           | Stage           | Pest/Disease |   | Precautionary Practices to be followed                      |  |  |  |
|----------------|-----------------|--------------|---|---|--|--|--|
| СГОР           | VEGETABLE CROPS |              |   |   |  |  |  |
| Cauliflower    | Vegetative/     |              | • | Need based irrigation is advised (Late crop),               |  |  |  |
| /Cabbage/Knol  | Maturity        |              | • | Mulching with locally available weeds, paddy straws etc to  |  |  |  |
| khol/Brocolli/ |                 |              |   | conserve soil moisture,                                     |  |  |  |
| , , ,          |                 | l            | l | FIELD CROPS   |  |  |  |
| Potato         | Vegetative      | Late Blight  | • | Monitor the crop for symptoms of blight.                    |  |  |  |
|                | G               |              | • | Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre  |  |  |  |
|                |                 |              |   | of water  |  |  |  |
| Pea            | Vegetative      | Aphid        | • | Spray Dimethoate @ 2 ml per litre of water wherever         |  |  |  |
|                |                 |              |   | damage is severe  |  |  |  |
| Rapeseed/      | Flowering       | Aphid        | • | Collect and dispose off the heavily infested twigs,         |  |  |  |
| Mustard        |                 | Painted bug  | • | For painted bug dusting with wood ash is advised,           |  |  |  |
|                |                 |              |   | FRUIT CROPS   |  |  |  |
| Lemon/other    | Harvest         | Lichens/     | • | In present weather conditions remove lichens/mosses from    |  |  |  |
| citrus fruits  | Post harvest    | mosses       |   | the affected trees using gunny bags smoothly,               |  |  |  |
|                |                 |              | • | Prune the diseased and dried branches,                      |  |  |  |
|                |                 |              | • | Collect and bury fallen fruits,                             |  |  |  |
|                |                 |              |   | LIVESTOCKS  |  |  |  |
| Livestock      | Stage           | Disease      |   | Precautionary Practices to be followed                      |  |  |  |
| Poultry        | All stages      | Cold         | • | Day old chick-Maintain warmth by lighting,                  |  |  |  |
|                |                 |              | • | Provide heat by lighting 100W filament bulb @ 1 bulb per 20 |  |  |  |
|                |                 | Coccidiosis  |   | newly born chicks,  |  |  |  |
|                |                 |              | • | In present weather conditions frequently turn the           |  |  |  |
|                |                 |              |   | litters/avoid hardening of litters,                         |  |  |  |
|                |                 |              | • | Provide limited ventilation,                                |  |  |  |
|                |                 |              | • | Add multivitamin feeds (More of Vit C)                      |  |  |  |
| 7.             |                 | 2.11         | • | Add Amprolium to the ration,                                |  |  |  |
| Pigs           | New born        | Cold         | • | Warming of pig sheds using gunny bags, straw, enclosure,    |  |  |  |
| Cattle         | All stages      | FMD          | • | Vaccination – of healthy animals                            |  |  |  |
|                |                 | D            | • | Treatment – sick animals,                                   |  |  |  |
|                |                 | Respiratory  | • | Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg  |  |  |  |
|                |                 |              |   | body weight animal (Avoid injecting to Pregnant animals)    |  |  |  |

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### (Upper-Siang)

No: -74/2012-13/Tue Dated: 15th January, 2013

### Weather during the last four days

- Rainfall: -
  - Tuting NA

### **Weather Forecast**

- Rainfall Clear/Partially cloudy weather is forecasted
- **Temperature** The temperature is likely to be in the range of 4-17°C.
- **Relative Humidity** The RH is likely to be in the range of 68-92%.

### Weather Based Agro-meteorological Advisories Bulletin

| Crop   | Stage                                 | Pest/Disease        | Precautionary Practices to be followed  |
|--|---------------------------------------|---------------------|---|
|  |                                       |                     | VEGETABLE CROPS   |
| Cauliflower<br>/Cabbage/Kno<br>lkhol/Brocolli/   | Vegetative/<br>Maturity               |                     | <ul> <li>Need based irrigation is advised (Late crop),</li> <li>Mulching with locally available weeds, paddy straws etc to conserve soil moisture,</li> </ul>   |
| Ginger/<br>Turmeric<br>Leafy rapeseed<br>mustard | Harvesting/<br>Maturity<br>Vegetative | Flea Beetle         | <ul> <li>Seed treatment of seed purpose rhizome,</li> <li>Cure should be taken at harvesting to avoid rhizome damage,</li> <li>Apply wood ash in the morning hours</li> </ul>   |
| mustaru  |                                       |                     | FIELD CROPS   |
| Potato   | Vegetative                            | Late Blight         | <ul> <li>Monitor the crop for symptoms of blight.</li> <li>Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre of water</li> </ul>   |
|  |                                       |                     | FRUIT CROPS   |
| Khasi<br>Mandarin                                | Harvest<br>Post harvest               | Lichens/<br>mosses  | <ul> <li>In present weather conditions remove lichens/mosses from the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul>   |
|  |                                       |                     | LIVESTOCKS  |
| Livestock  | Stage                                 | Disease             | Precautionary Practices to be followed  |
| Poultry  | All stages                            | Cold<br>Coccidiosis | <ul> <li>Day old chick-Maintain warmth by lighting,</li> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> <li>Add Amprolium to the ration,</li> </ul> |
| Pigs   | New born                              | Cold                | Warming of pig sheds using gunny bags, straw, enclosure,  |
| Cattle   | All stages                            | FMD<br>Respiratory  | <ul> <li>Vaccination – of healthy animals</li> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> </ul>  |
| Goat/Sheep                                       | All stages                            | Goat pox            | <ul><li>Vaccinate with PPX,</li><li>Provide standard feeds,</li></ul>   |

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## (Upper-Subansiri)

No: -74/2012-13/Tue <u>Dated: 15th January, 2013</u>

### Weather during the last four days

- Rainfall: -
  - 1. Daporijo-NA

### Weather Forecast

- Rainfall Clear/partially cloudy weather is forecasted for the next 2/3 days.
- <u>Temperature</u> The temperature is likely to be in the range of 7-21°C.
- Relative Humidity The RH is likely to be in the range of 69-93%.

#### Weather Based Agro-meteorological Advisories Bulletin

| Goat/Sheep All stages Goat pox • Vaccinate with PPX, • Provide standard feeds,   | Crop                       | Stage      | Pest/Disease | Precautionary Practices to be followed  |
|--|----------------------------|------------|--------------|---|
| Cabbage   Kno   Ikhol   Procolity  |                            |            |              | VEGETABLE CROPS   |
| Cure should be taken at harvesting to avoid rhizome damage,  | /Cabbage/Kno               |            |              | Mulching with locally available weeds, paddy straws etc to  |
| Potato Pea Vegetative Pea Vegetative Pea Vegetative Pea Vegetative Pea Vegetative Aphid Pea Vegetative Aphid Spray Dimethoate @ 2 ml per litre of water wherever damage is severe FRUIT CROPS  Khasi Mandarin Andarin Barvest Post harvest Mandarin All stages Poultry All stages Poultry All stages All stages Poultry All stages All sta | Turmeric<br>Leafy rapeseed | Maturity   | Flea Beetle  | Cure should be taken at harvesting to avoid rhizome damage,   |
| Pea Vegetative Aphid Spray Dimethoate @ 2 ml per litre of water wherever damage is severe  FRUIT CROPS  Khasi Mandarin Post harvest Mandarin Post harvest Mandarin Post harvest FRUIT CROPS  Livestock Stage Disease Poultry All stages Cocidiosis Porvide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, Provide limited ventilation, Add multivitamin feeds (More of Vit C)  Add Amprolium to the ration, Provide main and sold multivitamine feeds (More of Vit C)  Add Amprolium to the ration, Pages New born Cold Warming of pig sheds using gunny bags, straw, enclosure, Provide limited ventilation of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)  Goat/Sheep All stages Goat pox Vaccinate with PPX, Provide standard feeds,  |                            |            |              | FIELD CROPS   |
| Coccidiosis   Coccidiosis   Coccidiosis   Pogram   Pogr   | Potato                     | Vegetative | Late Blight  | • Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre  |
| Harvest Mandarin Ma   | Pea                        | Vegetative | Aphid        | damage is severe  |
| Mandarin Post harvest mosses the affected trees using gunny bags smoothly, Prune the diseased and dried branches, Collect and bury fallen fruits,  Livestock Stage Disease  Poultry All stages Cold Coccidiosis Coccidiosis Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, In present weather conditions frequently turn the litters/avoid hardening of litters, Provide limited ventilation, Add Amprolium to the ration,  Pigs New born Cold Warming of pig sheds using gunny bags, straw, enclosure,  Cattle All stages FMD Vaccination – of healthy animals Treatment – sick animals, Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)  Goat/Sheep All stages Goat pox Vaccinate with PPX, Provide standard feeds,  | 777                        | TT .       |              |   |
| Livestock       Stage       Disease       Precautionary Practices to be followed         Poultry       All stages       Cold       • Day old chick-Maintain warmth by lighting, • Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, • In present weather conditions frequently turn the litters/avoid hardening of litters, • Provide limited ventilation, • Add multivitamin feeds (More of Vit C) • Add Amprolium to the ration,         Pigs       New born       Cold       • Warming of pig sheds using gunny bags, straw, enclosure, • Vaccination – of healthy animals • Treatment – sick animals, • Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)         Goat/Sheep       All stages       Goat pox       • Vaccinate with PPX, • Provide standard feeds,  |                            |            | · ·          | <ul> <li>the affected trees using gunny bags smoothly,</li> <li>Prune the diseased and dried branches,</li> <li>Collect and bury fallen fruits,</li> </ul>  |
| Poultry All stages Cold Coccidiosis Coccid |                            |            | 1            | <del>-</del>  |
| Coccidiosis  Coccidiosis  Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,  In present weather conditions frequently turn the litters/avoid hardening of litters,  Provide limited ventilation,  Add multivitamin feeds (More of Vit C)  Add Amprolium to the ration,  Pigs New born Cold Warming of pig sheds using gunny bags, straw, enclosure,  Cattle All stages FMD Vaccination – of healthy animals  Treatment – sick animals,  Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)  Goat/Sheep All stages Goat pox  Vaccinate with PPX,  Provide standard feeds,   | Livestock                  |            |              | Precautionary Practices to be followed  |
| Cattle All stages FMD • Vaccination – of healthy animals • Treatment – sick animals, • Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)  Goat/Sheep All stages Goat pox • Vaccinate with PPX, • Provide standard feeds,   | Poultry                    | All stages |              | <ul> <li>Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks,</li> <li>In present weather conditions frequently turn the litters/avoid hardening of litters,</li> <li>Provide limited ventilation,</li> <li>Add multivitamin feeds (More of Vit C)</li> </ul> |
| <ul> <li>Respiratory</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg body weight animal (Avoid injecting to Pregnant animals)</li> <li>Goat/Sheep</li> <li>All stages</li> <li>Goat pox</li> <li>Vaccinate with PPX,</li> <li>Provide standard feeds,</li> </ul>   | Pigs                       | New born   | Cold         | Warming of pig sheds using gunny bags, straw, enclosure,  |
| Goat/Sheep All stages Goat pox • Vaccinate with PPX, • Provide standard feeds,   | Cattle                     | All stages |              | <ul> <li>Treatment – sick animals,</li> <li>Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg</li> </ul>   |
| • Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or   | , ,                        |            | -            | <ul><li>Vaccinate with PPX,</li><li>Provide standard feeds,</li></ul>   |

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## (West Kameng)

<u>No: -74/2012-13/Tue</u> <u>Dated: 15th January, 2013</u>

### Weather during the last three days

<u>Rainfall</u>: - Bomdila – NA
 Bhalokpung – NA

#### **Weather Forecast**

- Rainfall Clear/Partially cloudy weather is forecasted,
- **Temperature** The temperature is likely to be in the range of 9-24°C.
- **Relative Humidity** The RH is likely to be in the range of 74-84%.

#### Weather Based Agro-meteorological Advisories Bulletin

| Crop      | Stage      | Pest/Disease | Precautionary Practices to be followed                            |
|-----------|------------|--------------|---|
| Apple     | Post       | Trunk Borer  | Apply Bordeaux mixture to the tree trunk,                         |
|           | harvest    |              | Burn the cut branches, don't heap in and around the crop field,   |
|           |            | Training     | Train the plant and remove dead branches and stem cankers         |
|           |            |              | and apply Bordeaux paste on cut portions,                         |
| Kiwi      | Post       |              | Training and pruning is advised,                                  |
|           | Harvest    |              |   |
|           |            |              | LIVESTOCKS  |
| Livestock | Stage      | Pest/Disease | Precautionary Practices to be followed                            |
| Poultry   | All stages | Cold         | Day old chick-Maintain warmth by lighting,                        |
|           |            |              | • Provide heat by lighting 100W filament bulb @ 1 bulb per 20     |
|           |            | Coccidiosis  | newly born chicks,  |
|           |            |              | • In present weather conditions frequently turn the litters/avoid |
|           |            |              | hardening of litters,   |
|           |            |              | Provide limited ventilation,                                      |
|           |            |              | Add multivitamin feeds (More of Vit C)                            |
|           |            |              | Add Amprolium to the ration,                                      |
| Pigs      | New born   | Cold         | Warming of pig sheds using gunny bags, straw, enclosure,          |
|           |            |              |   |
| Cattle    | All stages | FMD          | Vaccination – of healthy animals                                  |
|           |            |              | Treatment – sick animals,   |
|           |            | Respiratory  | • Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg      |
|           |            |              | body weight animal (Avoid injecting to Pregnant animals)          |

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West Siang, Basar - 791 101



## (West Siang)

No: -74/2012-13/Tue <u>Dated: 15th January, 2013</u>

### Weather during the period

- During the last two days weather was clear with fog during the morning hours.
- Maximum temperature:18.8°CMinimum Temperature:5.5°C
- Rainfall: 0.0 mm

Crop

- Evapotranspiration: NA
- Relative Humidity (%):-51-99
- Soil moisture (m<sup>2</sup>/ m<sup>2</sup>):-0.3
- Prominent Wind Direction: Morning-South East & Evening-North West
- Average Wind Speed: 0.2 kmph

Stage

(Source-Agromet Observatory, Research Farm, Gori, ICAR, AP Centre, Basar)

### **Weather Forecast**

- <u>Rainfall:-</u>Clear/Partially cloudy weather is forecasted.
- <u>Temperature</u> The temperature is likely to be in the range of 9-22°C.
- Relative Humidity The RH is likely to be in the range of 66-91%.

Pest/Disease

### Weather Based Agro-meteorological Advisories Bulletin

**Precautionary Practices to be followed** 

| СГОР            | Stage        | 1 est/ Disease | 1 recautionary reactives to be followed  |  |  |  |  |
|-----------------|--------------|----------------|--|--|--|--|--|
|                 |              |                | VEGETABLE CROPS  |  |  |  |  |
| Cauliflower     | Vegetative/  |                | Need based irrigation is advised (Late crop),                                    |  |  |  |  |
| /Cabbage/Kno    | Maturity     |                | Mulching with locally available weeds, paddy straws etc to                       |  |  |  |  |
| lkhol/Brocolli/ |              |                | conserve soil moisture,  |  |  |  |  |
| Ginger/         | Harvesting/  |                | Seed treatment of seed purpose rhizome,  |  |  |  |  |
| Turmeric        | Maturity     |                | • Cure should be taken at harvesting to avoid rhizome damage,                    |  |  |  |  |
| Leafy rapeseed  | Vegetative   | Flea Beetle    | Apply wood ash in the morning hours  |  |  |  |  |
| mustard         |              |                |  |  |  |  |  |
|                 |              |                | FIELD CROPS  |  |  |  |  |
| Potato          | Vegetative   | Late Blight    | <ul> <li>Monitor the crop for symptoms of blight.</li> </ul>                     |  |  |  |  |
|                 |              |                | • Foliar spraying with RidomilMZ 72 WP @ 2.5 grams per litre                     |  |  |  |  |
|                 |              |                | of water   |  |  |  |  |
| Pea             | Vegetative   | Aphid          | Spray Dimethoate @ 2 ml per litre of water wherever                              |  |  |  |  |
|                 |              |                | damage is severe   |  |  |  |  |
| Rapeseed/       | Flowering    | Aphid          | Collect and dispose off the heavily infested twigs,                              |  |  |  |  |
| Mustard         |              | Painted bug    | For painted bug dusting with wood ash is advised,                                |  |  |  |  |
|                 |              | T              | FRUIT CROPS  |  |  |  |  |
| Khasi           | Harvest      | Lichens/       | In present weather conditions remove lichens/mosses from                         |  |  |  |  |
| Mandarin        | Post harvest | mosses         | the affected trees using gunny bags smoothly,                                    |  |  |  |  |
|                 |              |                | Prune the diseased and dried branches,   |  |  |  |  |
|                 |              |                | Collect and bury fallen fruits,  |  |  |  |  |
| LIVESTOCKS      |              |                |  |  |  |  |  |
| Livestock       | Stage        | Disease        | Precautionary Practices to be followed   |  |  |  |  |
| Poultry         | All stages   | Cold           | Day old chick-Maintain warmth by lighting,                                       |  |  |  |  |
|                 |              | Coccidiosis    | • Provide heat by lighting 100W filament bulb @ 1 bulb per 20 newly born chicks, |  |  |  |  |
|                 |              |                | • In present weather conditions frequently turn the                              |  |  |  |  |
|                 |              |                | litters/avoid hardening of litters,  |  |  |  |  |
|                 |              |                | Provide limited ventilation,   |  |  |  |  |
|                 |              |                | Add multivitamin feeds (More of Vit C)   |  |  |  |  |
|                 |              |                | Add Amprolium to the ration,   |  |  |  |  |
| Pigs            | New born     | Cold           | Warming of pig sheds using gunny bags, straw, enclosure,                         |  |  |  |  |
| Cattle          | All stages   | FMD            | Vaccination – of healthy animals   |  |  |  |  |
|                 | _            |                | Treatment – sick animals,  |  |  |  |  |
|                 |              | Respiratory    | • Intra muscular injection of Oxi-tetracycline @ 20ml/400 kg                     |  |  |  |  |
|                 |              |                | body weight animal (Avoid injecting to Pregnant animals)                         |  |  |  |  |
| Rabbits         | All stages   | Snuffles       | • Use broad spectrum antibiotic treatment like Gentamycin,                       |  |  |  |  |
|                 |              |                | anrofloxcin under proper supervision of veterinary officials                     |  |  |  |  |
|                 |              |                |  |  |  |  |  |

| Goat/Sheep  | All stages | Goat pox |   | Vaccinate with PPX,     |
|-------------|------------|----------|---|-------------------------|
| doar, sneep | All stages | doat pox | • | vaccinate with 11 A,    |
|             |            |          | • | Provide standard feeds, |

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Integrated Agromet Advisory Services

Basar, Arunachal Pradesh