



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Changlang)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

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

Weather Forecast

• Rainfall: Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
• Temperature - The temperature is likely to be in the range of 10-26°C
• Relative Humidity - The RH is likely to be in the range of 16-60%.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> • Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> • Harvest mature crop, • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> • Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"> • Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised, • Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> • Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> • Swabbing with Malathion/Chlorpyrifos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Provide anti coccidial drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,

Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none">• Deworming/vaccinations• As green feeds supply will decrease, provide quality feeds,• Check poisonous weeds in collected fodder• Cook the feed,
Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37			

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)

Agro Meteorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Dibang Valley)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- **Rainfall:** -
 - Roing –NA
 - Anini – NA

Weather Forecast

- **Rainfall:** Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
- **Temperature** – Temperature will vary between 6-22°C.
- **Relative Humidity** - The RH is likely to be in the range of 23-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyrifos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide anti coccidial drugs on priority basis,• Newly born chicks-Provide heat source/limit ventilation,• Schedule vaccination should be followed,• Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none">• Provide heat source to the newly born piglets,• Avoid dampening of bedding material,

Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none">• Deworming/vaccinations• As green feeds supply will decrease, provide quality feeds,• Check poisonous weeds in collected fodder• Cook the feed,
Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37			

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Agro Meteorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(East Kameng)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

Rainfall: -

- Seppa -NA

Weather Forecast

• <u>Rainfall:</u> Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fct.Light showers may be there at few places.
• <u>Temperature</u> - The temperature is likely to be in the range of 5-19 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 40-100 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyrifos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">• Malathion dusting,• Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide anti coccidial drugs on priority basis,• Newly born chicks-Provide heat source/limit ventilation,

			<ul style="list-style-type: none"> Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> Provide heat source to the newly born piglets, Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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West Siang, Basar – 791 101



(East Siang)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Maximum temperature: NA
- Minimum Temperature: NA
- Rainfall:
Pasighat – NA
- Relative humidity (%): NA

Weather Forecast

- Rainfall – Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
- Temperature – Temperature will vary between 14-27°C
- Relative Humidity - The RH is likely to be in the range of 28-88 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyriphos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">• Malathion dusting,• Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide anti coccidial drugs on priority basis,• Newly born chicks-Provide heat source/limit ventilation,

			<ul style="list-style-type: none"> Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> Provide heat source to the newly born piglets, Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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West Siang, Basar – 791 101



(Lohit)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: -
 - Tezu – NA
 - Namsai – NA

Weather Forecast

• <u>Rainfall</u> : Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
• <u>Temperature</u> –The temperature is likely to be in the range of 8-25 °C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 17-87 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyrifos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">• Provide anti coccideal drugs on priority basis,• Newly born chicks-Provide heat source/limit ventilation,• Schedule vaccination should be followed,• Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none">• Provide heat source to the newly born piglets,• Avoid dampening of bedding material,

Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none">• Deworming/vaccinations• As green feeds supply will decrease, provide quality feeds,• Check poisonous weeds in collected fodder• Cook the feed,
Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37			

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West Siang, Basar – 791 101



(Lower Subansiri)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: -
 - Ziro – NA

Weather Forecast

- Rainfall – Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
- Temperature - The temperature is likely to be in the range of 7-18°C.
- Relative Humidity - The RH is likely to be in the range of 40-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">Sowing of good quality treated seeds may be done.Monitor seedlings against attack of cut worm.Soil drenching with Chlorpyrifos 20EC@2 ml/litre of waterManual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">Harvest mature crop,For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">Land preparation for sowing of upland early crop of maize may be done,Deep ploughing,Apply well decomposed FYM or dungProcure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">Use of local method of rat control may be followed,If damage is high, use Zinc phosphide bait in wheat floor,Spraying of Sulfax @ 3gram per litre of water is advised,Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">Base drenching with Dichlorvos @ 4ml/litre of water,Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">Swabbing with Malathion/Chlorpyrifos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">Malathion dusting,Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">Provide anti coccideal drugs on priority basis,Newly born chicks-Provide heat source/limit ventilation,Schedule vaccination should be followed,

			<ul style="list-style-type: none"> • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> • Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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West Siang, Basar – 791 101



(Papum Pare)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Maximum temperature: NA
- Minimum Temperature: NA
- Relative Humidity (%):NA
- Rainfall: -
 1. Itanagar -NA
 2. Naharlagun -NA

Weather Forecast

- **Rainfall**: Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
- **Temperature**: The temperature is likely to be in the range of 5-26 °C.
- **Relative Humidity**: The RH is likely to be in the range of 36-94 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyriphos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">• Malathion dusting,• Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed

Poultry	All stages		<ul style="list-style-type: none"> • Provide anti coccideal drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> • Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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

Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tawang)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: -
 - Tawang –NA

Weather Forecast

• Rainfall- Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
• Temperature - The temperature is likely to be in the range of 2-12°C.
• Relative Humidity - The RH is likely to be in the range of 33-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Lean period		• <i>Pruning of the trees</i> and application of Chaubatia paste/Bordeaux paste is advised,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Provide anti coccidial drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		• Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

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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Agrometeorological Field Unit
ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Tirap)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

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

Weather Forecast

• <u>Rainfall</u> : Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
• <u>Temperature</u> - The temperature is likely to be in the range of 7-22°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 25-100 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> • Sowing of good quality treated seeds may be done. • Monitor seedlings against attack of cut worm. • Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water • Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> • Harvest mature crop, • For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, • For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> • Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> • Land preparation for sowing of upland early crop of maize may be done, • Deep ploughing, • Apply well decomposed FYM or dung • Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none"> • Use of local method of rat control may be followed, • If damage is high, use Zinc phosphide bait in wheat floor, • Spraying of Sulfax @ 3gram per litre of water is advised, • Spraying of Thiovit @ 3 ml/litre of water,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> • Base drenching with Dichlorvos @ 4ml/litre of water, • Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, • In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, • Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> • Swabbing with Malathion/Chlorpyrifos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> • Provide anti coccideal drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,

Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none">• Deworming/vaccinations• As green feeds supply will decrease, provide quality feeds,• Check poisonous weeds in collected fodder• Cook the feed,
Fish	All stages		<ul style="list-style-type: none">• Maintain adequate water level in the pond,• Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none">• Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37			

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ICAR, BASAR



Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Siang)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: -
N Tuting – NA

Weather Forecast

- Rainfall – Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
- Temperature - The temperature is likely to be in the range of 6-18°C.
- Relative Humidity - The RH is likely to be in the range of 29-91 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none">• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
Wheat	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of wheat may be initiated,
Black gram Green gram	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing may be initiated• Procure quality seeds,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyrifos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">• Malathion dusting,• Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed

Poultry	All stages		<ul style="list-style-type: none"> • Provide anti coccideal drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> • Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(Upper Subansiri)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

• <u>Rainfall</u> – Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
• <u>Temperature</u> - The temperature is likely to be in the range of 7-18°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 42-93 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity	Aphid Ret Ant	<ul style="list-style-type: none">• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
Wheat	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of wheat may be initiated,
Black gram Green gram	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing may be initiated• Procure quality seeds,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none">• Swabbing with Malathion/Chlorpyrifos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none">• Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none">• Malathion dusting,• Spraying with Quinolpos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed

Poultry	All stages		<ul style="list-style-type: none"> • Provide anti coccideal drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> • Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> • Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		<ul style="list-style-type: none"> • Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> • Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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Integrated Agro-Meteorological Advisory Services

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre

West Siang, Basar – 791 101



(West Kameng)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- Rainfall: - Bomdila –NA
Bhalokpung -NA

Weather Forecast

• <u>Rainfall</u> - Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & cold morning fcst.
• <u>Temperature</u> - The temperature is likely to be in the range of 5-13°C.
• <u>Relative Humidity</u> - The RH is likely to be in the range of 39-98 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FRUITS			
Apple	Lean period		• <i>Pruning of the trees</i> and application of Chaubatia paste/Bordeaux paste is advised,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		• Provide anti coccidial drugs on priority basis, • Newly born chicks-Provide heat source/limit ventilation, • Schedule vaccination should be followed, • Check litter material,
Pigs	All stages New born		• Provide heat source to the newly born piglets, • Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	• Deworming/vaccinations • As green feeds supply will decrease, provide quality feeds, • Check poisonous weeds in collected fodder • Cook the feed,
Fish	All stages		• Maintain adequate water level in the pond, • Decrease the quantity of feed due to low activities or else provide feed in the warm hours,

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West Siang, Basar – 791 101



(West Siang)

No:-75/2013-14/Fri

Dated: 24th January, 2014

Weather during the period

- During the period weather was foggy/humid during morning hours and day was clear/sunny/dry.
 - Maximum temperature: **22.5°C**
 - Minimum Temperature: **5.2°C**
 - Rainfall: **0.0 mm**
 - Evapotranspiration: - -
 - Relative Humidity (%):**46-100%**
 - Soil moisture (m²/ m²): **0.24**
 - Prominent Wind Direction: **North East (Morning hours) & South East(Afternoon)**
 - Average Wind Speed: **0.4 metres per second**
 - Average Sunshine hours : **6.2 hours**
- (Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

Weather Forecast

- **Rainfall:** Clear/sunny/dry weather-next 3-4 days with occasional cloudy sky & foggy/cold morning fcst. Light showers may be there at few places.
- **Temperature** – Temperature will vary between 9-22 °C.
- **Relative Humidity** - The RH is likely to be in the range of 38-85 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
VEGETABLE CROPS			
French bean	Sowing	Cut worm	<ul style="list-style-type: none">• Sowing of good quality treated seeds may be done.• Monitor seedlings against attack of cut worm.• Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water• Manual picking of larvae in the dusk hours,
FIELD CROPS			
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none">• Harvest mature crop,• For aphid management, spray Dimethoate 30EC @ 3ml/litre of water,• For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none">• Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of upland early crop of maize may be done,• Deep ploughing,• Apply well decomposed FYM or dung• Procure good quality certified seeds,
Pea	Pod formation Maturity/ Harvest	Rat Powdery mildew Rust	<ul style="list-style-type: none">• Use of local method of rat control may be followed,• If damage is high, use Zinc phosphide bait in wheat floor,• Spraying of Sulfax @ 3gram per litre of water is advised,• Spraying of Thiovit @ 3 ml/litre of water,
Wheat	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing of wheat may be initiated,
Black gram Green gram	Land preparation		<ul style="list-style-type: none">• Land preparation for sowing may be initiated• Procure quality seeds,
FRUIT CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none">• Base drenching with Dichlorvos @ 4ml/litre of water,• Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste,• In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population,• Cleaning of lichens/mosses using gunny bag gently,

Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> Swabbing with Malathion/Chlorpyriphos,
Pineapple	Maturity	Rat	<ul style="list-style-type: none"> Apply Zinc Phosphide bait,
Kiwi	Post harvest stage	Beetle Tussock moth caterpillar	<ul style="list-style-type: none"> Malathion dusting, Spraying with Quinolphos,
LIVESTOCKS and VETERINARY ASPECT			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> Provide anti coccideal drugs on priority basis, Newly born chicks-Provide heat source/limit ventilation, Schedule vaccination should be followed, Check litter material,
Pigs	All stages New born		<ul style="list-style-type: none"> Provide heat source to the newly born piglets, Avoid dampening of bedding material,
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> Deworming/vaccinations As green feeds supply will decrease, provide quality feeds, Check poisonous weeds in collected fodder Cook the feed,
Rabbitary	All stages	Snuffles	<ul style="list-style-type: none"> Care new born, Monitor for snuffles,
Fish	All stages		<ul style="list-style-type: none"> Maintain adequate water level in the pond, Decrease the quantity of feed due to low activities or else provide feed in the warm hours,
<ul style="list-style-type: none"> Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse conditions or call at 03795226247/37 			

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