

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



(East Siang)

No:-60/2013-14/Fri

Weather during the period

Dated: 29th November, 2013

Weather during the period

Maximum temperature: NAMinimum Temperature: NA

• Rainfall:

Pasighat - NA

• Relative humidity (%): NA

Weather Forecast

- Rainfall Clear/sunny/dry weather fested for next 3-4 days with shallow morning fog.
- <u>Temperature</u> Temperature will vary between 15-28° C
- Relative Humidity The RH is likely to be in the range of 38-91 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VE	GETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative	Leaf eating	Light interculture operations may be done,
	Harvesting	caterpillars	• Spray Chlorpyriphos/Imidacloprid in recommended dose.
Carrot	Vegetative		• Light irrigation is essential,
			• Light interculture operations should be done,
Spinach	Vegetative		• Sowing of certified/locally available seeds in well prepared
	Harvesting		nursery may be done,
TIMO :	TT .: /	T	FIELD CROPS
WRC rice – Main crop (<i>Mipun</i>)	Harvesting/ Threshing		 Drying of grains/seed to appropriate level of moisture, Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves,
Potato	Vegetative		• Light irrigation followed by earthing-up,
			• Monitor the crop against attack of Cutworm,
Turmeric and ginger	Harvesting		• Proper cleaning of the rhizomes before storing,
Mustard Winter Maize	Flowering Vegetative	Cut worm	 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count, Monitor for attack of cut worm in the germinated fields,
Pea	Vegetative		• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,
			FRUIT CROPS
Khasi Mandarin	Maturing Harvesting	Trunk borer/	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or
		Fruit fly	pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Banana	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop,
Honey bee			Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		In egg laying birds feed, add calcium,

			•	Schedule vaccination should be followed,
Pigs	All stages		•	Care pregnant animals,
Cattle	All stages		•	Good time to handle parasites, consult vet for deworming/vaccinations
			•	Provide paddy straws for cushioning to the newly born claves,
			•	Lighting to maintain warmth in the shade,
			•	As green feeds supply will decrease, provide quality feeds,
Rabbits	All stages	Snuffles	•	Keep strict vigil
			•	Consult experts,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	•	Vaccinate against rabies,
			•	Deworming,

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



(Lohit)

Dated: 29th November, 2013 No:-60/2013-14/Fri

Weather during the period

- Rainfall: -
 - Tezu NA
 - Namsai NA

Weather Forecast

- Rainfall: Clear/Sunny weather fcsted for next 3-4 days.
- **Temperature** –The temperature is likely to be in the range of 10-28°C.
- **Relative Humidity** The RH is likely to be in the range of 38-92 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VI	EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
			FIELD CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Potato	Vegetative		 Light irrigation followed by earthing-up, Monitor the crop against attack of Cutworm,
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count,
TZ1 '	3.6 / 1	I	FRUIT CROPS
Khasi Mandarin	Maturing Harvesting	Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use Jaggary/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Honey bee			Cover hives with insulating materials/reduce hive
			entrance/provide adequate ventilation/keep in sunny place
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		In egg laying birds feed, add calcium,Schedule vaccination should be followed,
Pigs	All stages		Care pregnant animals,
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds,

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conditions or call at 03795226247/37

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

Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse



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



(Lower Subansiri)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

• Rainfall: -

1. Ziro – NA

Weather Forecast

- <u>Rainfall</u> Clear/sunny/dry weather fcsted for next 3-4 days with shallow morning fog.Parially cloudy weather may persist on some days.
- <u>Temperature</u> 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 55-96 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VE	EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	 Light interculture operations may be done, Spray Chlorpyriphos/Imidacloprid in recommended dose. FIELD CROPS
WRC rice –	Harvesting/		 Drying of grains/seed to appropriate level of moisture,
Main crop (<i>Mipun</i>)	Threshing		 Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves,
Potato	Vegetative		Light irrigation followed by earthing-up,Monitor the crop against attack of Cutworm,
Turmeric and ginger	Harvesting		Proper cleaning of the rhizomes before storing,
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	 Monitor for attack of cut worm in the germinated fields,
Pea	Vegetative	Cut World	 Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,
			FRUIT CROPS
Khasi Mandarin	Maturing Harvesting	Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Banana	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop,
Honey bee			Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		In egg laying birds feed, add calcium,Schedule vaccination should be followed,
Pigs	All stages		Care pregnant animals,
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves,

			•	Lighting to maintain warmth in the shade,
			•	As green feeds supply will decrease, provide quality feeds,
Rabbits	All stages	Snuffles	•	Keep strict vigil
			•	Consult experts,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	•	Vaccinate against rabies,
			•	Deworming,

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Agrometeorological



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



(Papum Pare)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

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

• Rainfall: -

Itanagar -NA
 Naharlagun -NA

Weather Forecast

- Rainfall Clear/sunny/dry weather fested for next 3-4 days with shallow morning fog. Parially cloudy weather may persist on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 11-28°C.
- Relative Humidity The RH is likely to be in the range of 47-95 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VI	EGETABLE CROPS
Cauliflower/ Cabbage/	Vegetative/ Maturing/	Leaf eating/	 Light irrigation is essential, In present weather conditions severe attack of leaf eating
Brocolli/ Knolkhol		Cabbage caterpillars	caterpillars has been reported. Spray Chlorpyriphos/Imidacloprid in recommended dose in the next one or two days when weather is clear. Dose Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative	Leaf eating	• Light interculture operations may be done,
	Harvesting	caterpillars	• Spray Chlorpyriphos/Imidacloprid in recommended dose.
Carrot	Vegetative		 Light irrigation is essential, Light interculture operations should be done,
Spinach	Vegetative Harvesting		 Sowing of certified/locally available seeds in well prepared nursery may be done,
			FIELD CROPS
WRC rice –	Harvesting/		• Drying of grains/seed to appropriate level of moisture,
Main crop (Mipun)	Threshing		• Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves,
Potato	Vegetative		• Light irrigation followed by earthing-up,
Turmeric and	Lagranting		Monitor the crop against attack of Cutworm, Proposed Landing of the objective and the form of the control
ginger	Harvesting		 Proper cleaning of the rhizomes before storing,
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	 Monitor for attack of cut worm in the germinated fields,
Pea	Vegetative		 Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,
Khasi	Maturing		FRUIT CROPS
Mandarin	Harvesting		• In present weather conditions regularly collect and dispose off fallen fruits,
TVILLIAGUI III	Therecoming	Trunk borer/ Fruit fly	• Farmers are advised to use <i>Jaggary</i> /Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Banana	All stages	Pseudostem weevil	Removal of heavily infested plants and deep burial in the pits,
			• Cleaning around the crop,
Honey bee			• Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place
		1	LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed		
Poultry	All stages		 In egg laying birds feed, add calcium, 		
			• Schedule vaccination should be followed,		
Pigs	All stages		• Care pregnant animals,		
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, 		
Rabbits	All stages	Snuffles	 As green feeds supply will decrease, provide quality feeds, Keep strict vigil 		
rassits	7 in stages	Sildilies	• Consult experts,		
Mithun	All stages	FMD	Vaccination should be done post monsoon,		
		Black quarter	• In young ones, BQ may be observed, vaccinate the animals,		
Dog	All stages	Rabies,	Vaccinate against rabies,		
			Deworming,		
• Contact Sc	Contact Scientists (ICAR) or State Agril Staff or KVK staff for any queries/measures against adverse				

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conditions or call at 03795226247/37



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



(Tawang)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

- Rainfall: -
 - 1. Tawang –NA

Weather Forecast

- Rainfall- Clear/partially cloudy weather fcsted for next 3-4 days with fog.
- <u>Temperature</u> The temperature is likely to be in the range of 1-12 °C.
- Relative Humidity The RH is likely to be in the range of 52-93 %.

Weather Based Agro-meteorological Advisories Bulletin

Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
	FRUITS						
Apple	Lean period		• Pruning of the trees,				
			• Timely and periodic inspection of trees for its health,				
			• Urgent/immediate treatment of affected parts of trees,				
		VE	GETABLE CROPS				
Cauliflower	Harvesting	Cutworm	• Monitor crop against attack of cutworm in the field,				
/			• In present weather conditions, monitor the crop				
Cabbage/		Diamond	against attack of DBM caterpillars,				
Radish		back moth	• If damage level is high, spraying of Bt formulation				
			may be done,				
			LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed				
Poultry	All stages		Schedule vaccination should be followed,				
Cattle	All stages		• Provide paddy straws for cushioning to the newly born				
			claves,				
			Lighting to maintain warmth in the shade,				
			As green feeds supply will decrease, provide quality feeds,				
Goat/Sheep	All stages	PPR	Vaccinate against the PPR,				
			Provide mineral mixture,				
Pigs	All stages		• Provide clean water free from ice/rapid or laboured				
			breathing needs immediate attention & treatment				
			Care pregnant animals,				
	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse						
conditions or	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



(Tirap)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

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

Weather Forecast

- Rainfall: Clear/Sunny weather fcsted for next 3-4 days.
- <u>Temperature</u> The temperature is likely to be in the range of 8-24°C.
- **Relative Humidity** The RH is likely to be in the range of 39-99 %.

Weather Based Agro-meteorological Advisories Bulletin

Cron	Stage	Pest/Disease		Precautionary Practices to be followed
Crop	Stage		CI	ETABLE CROPS
Cauliflower/	Vegetative/	V 1	•	
Cathhower/ Cabbage/ Brocolli/ Knolkhol	Maturing/	Leaf eating/ Cabbage caterpillars	•	Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
]	FIELD CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	•	Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Potato	Vegetative		•	Light irrigation followed by earthing-up,
			•	Monitor the crop against attack of Cutworm,
Mustard	Flowering		•	Need based irrigation for those in flowering stage
			•	Thinning may be done to maintain proper plant count,
T71 '	3.6]	FRUIT CROPS
Khasi Mandarin	Maturing Harvesting	Trunk borer/ Fruit fly	•	In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use Jaggary/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Honey bee			•	Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place
				LIVESTOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages		• •	In egg laying birds feed, add calcium, Schedule vaccination should be followed,
Pigs	All stages		•	Care pregnant animals,
Cattle	All stages		•	Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds,

• 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 Siang)

No:-60/2013-14/Fri

Weather during the period

Dated: 29th November, 2013

Rainfall: -

N Tuting – NA

Weather Forecast

- <u>Rainfall</u> Clear/sunny/dry weather fcsted for next 3-4 days with shallow morning fog.Parially cloudy weather may persist on some days
- <u>Temperature</u> The temperature is likely to be in the range of 5-20°C.
- Relative Humidity The RH is likely to be in the range of 29-94 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
		VI	EGETABLE CROPS
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	Light interculture operations may be done,Spray Chlorpyriphos/Imidacloprid in recommended dose.
			FIELD CROPS
WRC rice – Main crop (<i>Mipun</i>)	Harvesting/ Threshing		 Drying of grains/seed to appropriate level of moisture, Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves,
Potato	Vegetative		Light irrigation followed by earthing-up,Monitor the crop against attack of Cutworm,
Turmeric and ginger	Harvesting		• Proper cleaning of the rhizomes before storing,
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	Monitor for attack of cut worm in the germinated fields,
Pea	Vegetative		• Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,
			FRUIT CROPS
Khasi Mandarin	Maturing Harvesting	Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Banana	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop,
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		In egg laying birds feed, add calcium,Schedule vaccination should be followed,
Pigs	All stages		• Care pregnant animals,
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds,

Rabbits	All stages	Snuffles	•	Keep strict vigil
			•	Consult experts,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	•	Vaccinate against rabies,
			•	Deworming,

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



(Upper Subansiri)

<u>No:-60/2013-14/Fri</u> <u>Dated: 29th November, 2013</u>

Weather during the period

- Rainfall: -
 - Daporijo- NA

Weather Forecast

- <u>Rainfall</u> Clear/sunny/dry weather fcsted for next 3-4 days with shallow morning fog.Parially cloudy weather may persist on some days.
- <u>Temperature</u> 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 48-94 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
	VEGETABLE CROPS						
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population, 				
Radish	Vegetative Harvesting	Leaf eating caterpillars	 Light interculture operations may be done, Spray Chlorpyriphos/Imidacloprid in recommended dose. 				
			FIELD CROPS				
WRC rice – Main crop (<i>Mipun</i>)	Harvesting/ Threshing		 Drying of grains/seed to appropriate level of moisture, Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves, 				
Potato	Vegetative		Light irrigation followed by earthing-up,Monitor the crop against attack of Cutworm,				
Turmeric and ginger	Harvesting		Proper cleaning of the rhizomes before storing,				
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count, 				
Winter Maize	Vegetative	Cut worm	 Monitor for attack of cut worm in the germinated fields, 				
Pea	Vegetative		Manual collection of larvae during the evening hours may be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,				
			FRUIT CROPS				
Khasi Mandarin	Fruit development	Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done, 				
Banana Honey bee	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop, Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place LIVESTOCKS 				
Livestock	Stago	Disease					
Poultry	Stage All stages	Discase	 Precautionary Practices to be followed In egg laying birds feed, add calcium, Schedule vaccination should be followed, 				
Pigs	All stages		Care pregnant animals,				
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, 				

			•	Lighting to maintain warmth in the shade,
			•	As green feeds supply will decrease, provide quality feeds,
Rabbits	All stages	Snuffles	•	Keep strict vigil
			•	Consult experts,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	•	Vaccinate against rabies,
			•	Deworming,

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(West Kameng)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

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

Weather Forecast

- Rainfall- Clear/sunny/dry weather fcsted for next 3-4 days with fog during morning hours. Partially cloudy weather may persist on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 5-14°C.
- **Relative Humidity** The RH is likely to be in the range of 53-96 %.

Weather Based Agro-meteorological Advisories Bulletin

Stage	Pest/Disease	Precautionary Practices to be followed			
Crop Stage Pest/Disease Precautionary Practices to be followed FRUITS					
Lean period	VE	 Pruning of the trees, Timely and periodic inspection of trees for its health, Urgent/immediate treatment of affected parts of trees, 			
		GETABLE CROPS			
Harvesting	Cutworm Diamond back moth	 Monitor crop against attack of cutworm in the field, In present weather conditions, monitor the crop against attack of DBM caterpillars, If damage level is high, spraying of <i>Bt</i> formulation may be done, 			
LIVESTOCKS					
Stage	Disease	Precautionary Practices to be followed			
All stages		Schedule vaccination should be followed,			
All stages		 Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds, 			
All stages	PPR	Vaccinate against the PPR,Provide mineral mixture,			
All stages		 Provide clean water free from ice/rapid or laboured breathing needs immediate attention & treatment Care pregnant animals, 			
	Lean period Harvesting Stage All stages All stages All stages All stages	Lean period VE Harvesting Cutworm Diamond back moth Stage Disease All stages All stages All stages PPR			

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

conditions or call at 03795222247 (KVK, West Siang)



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



(West Siang)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

• During the period weather was clear and dry during the day time and morning shallow fog.

Maximum temperature: 28.5°C
Minimum Temperature: 9.0°C

• Rainfall: **0.0 mm**

• Evapotranspiration: - -

• Relative Humidity (%):-44-100%

• Soil moisture (m²/ m²):**0.25**

• Prominent Wind Direction: North West (Morning hours) & North West (Afternoon)

• Average Wind Speed: 0.3 metres per second

Average Sunshine hours: 5.8 hours

(Source-Agromet Observatory, Research Farm, Gori, ICAR RC for NEH Region, AP Centre, Basar)

Weather Forecast

- Rainfall: Clear/sunny/dry weather fcsted for next 3-4 days with shallow morning fog.Parially cloudy weather may persist on some days.
- <u>Temperature</u> Temperature will vary between 9-24 °C.
- Relative Humidity The RH is likely to be in the range of 41-94 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
VEGETABLE CROPS					
Cauliflower/ Cabbage/ Brocolli/ Knolkhol	Vegetative/ Maturing/	Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population, 		
Radish	Vegetative Harvesting	Leaf eating caterpillars	 Light interculture operations may be done, Spray Chlorpyriphos/Imidacloprid in recommended dose. 		
Carrot	Vegetative		 Light irrigation is essential, Light interculture operations should be done, 		
Spinach	Vegetative Harvesting		Sowing of certified/locally available seeds in well prepared nursery may be done, Charles Charle		
TADO:	TT (' /		FIELD CROPS		
WRC rice – Main crop (<i>Mipun</i>)	Harvesting/ Threshing		 Drying of grains/seed to appropriate level of moisture, Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves, 		
Potato	Vegetative		Light irrigation followed by earthing-up,Monitor the crop against attack of Cutworm,		
Turmeric and ginger	Harvesting		Proper cleaning of the rhizomes before storing,		
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count, 		
Honey bee			 Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place, 		
		T	FRUIT CROPS		
Khasi Mandarin	Maturing Harvesting	Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done, 		
Banana	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop, 		

LIVESTOCKS and VETERINARY ASPECT						
Livestock	Stage	Disease	Precautionary Practices to be followed			
Poultry	All stages		In egg laying birds feed, add calcium,Schedule vaccination should be followed,			
Pigs	All stages		• Care pregnant animals,			
Cattle	All stages		 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds, 			
Rabbits	All stages	Snuffles	Keep strict vigilConsult experts,			
Mithun	All stages	FMD Black quarter	 Vaccination should be done post monsoon, In young ones, BQ may be observed, vaccinate the animals, 			
Dog	All stages	Rabies,	 Vaccinate against rabies, Deworming,			
Goat/Sheep	All stages	PPR	Vaccinate against the PPR,Provide mineral mixture,			
Fish	All stages		 Maintain adequate water level in the pond, Pond sides should be properly cleaned, Harvest of mature fish, 			

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



(Changlang)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

- Rainfall: -
 - Changlang –NA
 - Miao NA

Weather Forecast

- <u>Rainfall</u> Clear/sunny/dry weather fcsted for next 3-4 days with shallow morning fog.Parially cloudy weather may persist on some days.
- <u>Temperature</u> The temperature is likely to be in the range of 10-23 °C.
- Relative Humidity The RH is likely to be in the range of 37-92 %.

Weather Based Agro-meteorological Advisories Bulletin

Pest/Disease	Precautionary Practices to be followed				
Cauliflower/ Vegetative/ • Light irrigation is essential.					
Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population, 				
	FIELD CROPS				
Leaf eating/ Cabbage caterpillars	 Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray <i>Chlorpyriphos/Imidacloprid</i> in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population, 				
	Light irrigation followed by earthing-up,				
	Monitor the crop against attack of Cutworm,				
	 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count, 				
	FRUIT CROPS				
Trunk borer/ Fruit fly	 In present weather conditions regularly collect and dispose off fallen fruits, Farmers are advised to use <i>Jaggary</i>/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done, 				
	Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place				
	LIVESTOCKS				
Disease	Precautionary Practices to be followed				
	In egg laying birds feed, add calcium,Schedule vaccination should be followed,				
	Care pregnant animals,				
	 Good time to handle parasites, consult vet for deworming/vaccinations Provide paddy straws for cushioning to the newly born claves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds, 				
2)	or State Agril				

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West Siang, Basar – 791 101



(Dibang Valley)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

- Rainfall: -
 - Roing NA
 - Anini NA

Weather Forecast

- Rainfall: Clear/sunny/dry weather fested for next 3-4 days with shallow morning fog.
- <u>Temperature</u> Temperature will vary between 4-18°C.
- **Relative Humidity** The RH is likely to be in the range of 34-84 %.

Weather Based Agro-meteorological Advisories Bulletin

_	_	T	I	
Crop	Stage	Pest/Disease	EQ.	Precautionary Practices to be followed
0 1:0 /	Vt-ti/	V]		ETABLE CROPS
Cauliflower/	Vegetative/ Maturing/	T C () (•	Light irrigation is essential,
Cabbage/	Maturing/	Leaf eating/	•	In present weather conditions severe attack of leaf eating
Brocolli/		Cabbage		caterpillars has been reported. Spray
Knolkhol		caterpillars		Chlorpyriphos/Imidacloprid in recommended dose in the next
				one or two days when weather is clear. Dose-Imidacloprid
		7 0		17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative	Leaf eating	•	Light interculture operations may be done,
	Harvesting	caterpillars	•	Spray Chlorpyriphos/Imidacloprid in recommended dose.
Carrot	Vegetative		•	Light irrigation is essential,
			•	Light interculture operations should be done,
Spinach	Vegetative		•	Sowing of certified/locally available seeds in well prepared
	Harvesting			nursery may be done,
				FIELD CROPS
WRC rice –	Harvesting/		•	Drying of grains/seed to appropriate level of moisture,
Main crop	Threshing		•	Seeds/grains should be stored in dry place and if available
(Mipun)				use some <i>neem</i> leaves,
Potato	Vegetative		•	Light irrigation followed by earthing-up,
	Ö		•	Monitor the crop against attack of Cutworm,
Turmeric and	Harvesting		•	Proper cleaning of the rhizomes before storing,
ginger				
Mustard	Flowering		•	Need based irrigation for those in flowering stage
			•	Thinning may be done to maintain proper plant count,
Honey bee			•	Cover hives with insulating materials/reduce hive
				entrance/provide adequate ventilation/keep in sunny place,
		T	1	FRUIT CROPS
Khasi Mandarin	Maturing Harvesting		•	In present weather conditions regularly collect and dispose off fallen fruits,
		Trunk borer/	•	Farmers are advised to use <i>Jaggary</i> /Malathion traps or
		Fruit fly		pheromone traps to monitor the pest population and collect
				and destroy the adult insects. Installation of pheromone
				traps may also be done,
Banana	All stages	Pseudostem	•	Removal of heavily infested plants and deep burial in the
	3	weevil		pits,
			•	Cleaning around the crop,
		LIVESTOC	KS	and VETERINARY ASPECT
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	All stages	2 130430	•	In egg laying birds feed, add calcium,
2 0 0 1 1 1	5.00			Schedule vaccination should be followed,
Pigs	All stages		•	Care pregnant animals,
			_	
Cattle	All stages		•	Good time to handle parasites, consult vet for
				deworming/vaccinations
			•	Provide paddy straws for cushioning to the newly born
				claves,

Lighting to maintain warmth in the shade,

			•	As green feeds supply will decrease, provide quality feeds,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Goat/Sheep	All stages	PPR	•	Vaccinate against the PPR,
			•	Provide mineral mixture,
Fish	All stages		•	Maintain adequate water level in the pond,
			•	Pond sides should be properly cleaned,
			•	Harvest of mature fish,

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(East Kameng)

No:-60/2013-14/Fri Dated: 29th November, 2013

Weather during the period

Rainfall: -

• Seppa -NA

Weather Forecast

- Rainfall: Clear/sunny/dry weather fested for next 3-4 days with shallow morning fog. Parially cloudy weather may persist on some days
- <u>Temperature</u> The temperature is likely to be in the range of 4-13 °C.
- Relative Humidity The RH is likely to be in the range of 53-97 %.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
•	3	<u> </u>	EGETABLE CROPS
Cauliflower/ Cabbage/	Vegetative/ Maturing/	Leaf eating/	 Light irrigation is essential, In present weather conditions severe attack of leaf eating
Brocolli/ Knolkhol		Cabbage caterpillars	caterpillars has been reported. Spray Chlorpyriphos/Imidacloprid in recommended dose in the next one or two days when weather is clear. Dose-Imidacloprid 17SL @ 1-2 ml per litre depending upon the population,
Radish	Vegetative Harvesting	Leaf eating caterpillars	Light interculture operations may be done,Spray Chlorpyriphos/Imidacloprid in recommended dose.
Carrot	Vegetative		 Light irrigation is essential, Light interculture operations should be done,
Spinach	Vegetative Harvesting		• Sowing of certified/locally available seeds in well prepared nursery may be done,
			FIELD CROPS
WRC rice – Main crop (<i>Mipun</i>)	Harvesting/ Threshing		 Drying of grains/seed to appropriate level of moisture, Seeds/grains should be stored in dry place and if available use some <i>neem</i> leaves,
Potato	Vegetative		 Light irrigation followed by earthing-up, Monitor the crop against attack of Cutworm,
Turmeric and ginger	Harvesting		Proper cleaning of the rhizomes before storing,
Mustard	Flowering		 Need based irrigation for those in flowering stage Thinning may be done to maintain proper plant count,
Winter Maize	Vegetative	Cut worm	 Monitor for attack of cut worm in the germinated fields, Manual collection of larvae during the evening hours may
Pea	Vegetative		be done, (If damage level is not serious). Use of Carbaryl dust in severely damaged fields may be done,
			FRUIT CROPS
Khasi Mandarin	Maturing Harvesting		• In present weather conditions regularly collect and dispose off fallen fruits,
		Trunk borer/ Fruit fly	 Farmers are advised to use Jaggary/Malathion traps or pheromone traps to monitor the pest population and collect and destroy the adult insects. Installation of pheromone traps may also be done,
Banana	All stages	Pseudostem weevil	 Removal of heavily infested plants and deep burial in the pits, Cleaning around the crop,
Honey bee			Cover hives with insulating materials/reduce hive entrance/provide adequate ventilation/keep in sunny place
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		In egg laying birds feed, add calcium,Schedule vaccination should be followed,

Pigs	All stages		•	Care pregnant animals,
Cattle	All stages		•	Good time to handle parasites, consult vet for deworming/vaccinations
			•	Provide paddy straws for cushioning to the newly born claves,
			•	Lighting to maintain warmth in the shade,
			•	As green feeds supply will decrease, provide quality feeds,
Rabbits	All stages	Snuffles	•	Keep strict vigil
			•	Consult experts,
Mithun	All stages	FMD	•	Vaccination should be done post monsoon,
		Black quarter	•	In young ones, BQ may be observed, vaccinate the animals,
Dog	All stages	Rabies,	•	Vaccinate against rabies,
			•	Deworming.

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