

Agro-met Advisory Bulletin for the State of Himachal Pradesh

Bulletin No. 16/2024 Dated: 23.02.2024

Valid for 23.02.2024 to 27.02.2024

Past 24 hrs. Significant Weather Condition

Light rainfall was observed in the state during last 24 hours.

No large change in Minimum and Maximum temperatures during last 24 hours. Average Minimum temperatures were appreciable below normal and Maximum temperatures were below normal.

Today the Lowest temperature was recorded at Kukumseri = -14.8C. Yesterday's Highest temperature was recorded at Una = 25.6°C

State rainfall forecast (for the next 72 hrs) (valid till 08:30 ist of the next day)

Date	23 rd February	24 th February	25 th February
Plains/ Low hills	DRY	DRY.	DRY.
Middle Hills	DRY.	DRY.	DRY.
High Hills	DRY.	Rain/snow at isolated places	Rain/snow at isolated places

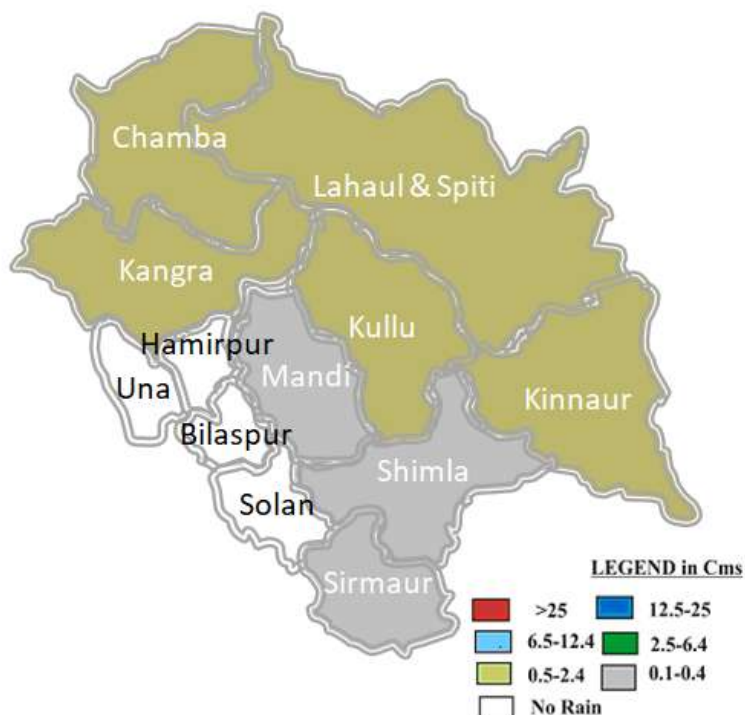
Warning: Cold wave in low hills and plain areas at isolated places.

Outlook for next 2 days (from 26.02.2024 to 27.02.2024)

Forecast: Rain/Snow at few places in High hills area and Rain at isolated places in Mid hills & Low hills/Plains area.

Warning: Thunderstorm with lighting at isolated places.

Rainfall forecast for the next five days from 0830 of 23.02.2024, up to 0830 of 27.02.2024



Agriculture and Horticulture related Advisory

Chamba			
Main Crops	Stage	Pest/Disease /Abiotic stress	Weather based Agro- advisories
The frost damage expected to be observed on pea crops on clear day after rains.			
Rabi crops			<p>In areas where symptoms of yellow rust are appearing in the wheat crop in the form of yellow powder/stripes on the leaves, then the farmers are advised to spray the fungicides with the appearance of the symptoms. These are tilt (Propiconazole) 25 EC/folicure (Tebuconazole) 25 EC/bayletan 25 WP @ 0.1% i.e. 30ml or 30 g per 30 litres of water per kanal and repeat the spray after 15 days interval.</p> <p>Aphid expected in mustard and Cole crops, if insect population above ETL than spraying of recommended chemicals can be done.</p> <p>Monitoring of mustard crop against attack of white rust.</p>
Stored grains		rice weevil, lesser grain borer and rice moth	Weather is conducive for attack of stored grains pests like rice weevil, lesser grain borer and rice moth. In Grain store bins put one pouch of celhpos (3g) or quickphos (12g) or Fumino pouch in a wet cloth in the middle of bin and keep the bin airtight for some time.
Pulse	Plant protection		On clear day after rains Frosts expected and it impacts the Gram crop and bacterial diseases are expected in injured plants. Monitor crops for same. For pod borer in the gram crop, installation of Pheromone trap @ 3-4 traps per acre is advised if flowering has reached 10-15%. "T" shaped bird perches in and around crop field to be installed for controlling insect population.
Fodder crops	Intercultural operations		Intercultural operations on already sown berseem, lucerne and oats for fodder of Rabi season also advised. The lantana weeds in the grasslands may be cut so that regenerated growth during September can be sprayed with 1% glyphosate for its control.
Vegetable crops	<p>If crop is damaged by frost injury then monitor crops for bacterial diseases. Few fungi like pythium and Phytopathora increase due to cold.</p> <p>For the control of soil borne insects viz. white grubs, cutworms, red ants etc. mix chlorpyriphos 20 EC with sand (2 litre in 25 kg sand for one hectare area) and incorporate the mixture into soil before sowing of potato or transplanting of vegetable crops. Vegetables may also be protected from frost bites</p>		
Tomato, chilli, capsicum and	Plant Protection		For shoot and fruit borer in brinjal and tomato crops, infested fruits and shoots should be collected

brinjal			and buried inside the soil. Also install pheromone trap @25 per hectare. Infected crop should be uprooted and buried in the soil.
Radish and turnip, onion & Peas	Plant protection		In onion crop against attack of thrips Spraying of Carbaryl @ 2 grams per litre of water with sticky material (Tipol 1.0 gram /litre) is advised. Monitor crop for purple blotch also. Purple blotch is expected for control spraying of Diethane M -45 @ 3 grams per litre of water with sticky material (Tipol 1.0 gram /litre) advised. For control of powdery mildew in peas, spray celfex@25 g per 10 litres of water or karathane@5 ml per 10 litres of water. For pod borer in pea and fruit borer in tomato, installation of pheromone traps @ 3-4 traps per acre is advised.
Cauliflower and Other vegetables	Vegetative	Downy mildew	For Leaf feeders in cole crop Spray of Spinosad @1 ml \ 3 litre of water when sky remains clear. The downy mildew is expected in cruciferous vegetables, for control spray redomil M-Z @ 25 g per litres of water at 15 days interval. Intercultural operations in vegetables are advised to remove the weeds. Application of remaining doses of fertilizer in 15-25 days old crop should be done. In cauliflower Add 2-3 Kg urea per kanal in cauliflower. The downy mildew is expected in cruciferous vegetables, for control spray redomil M-Z @ 25 g per litres of water at 15 days interval. Powdery mildew expected in peas spray celfex@25 g per 10 litres of water or karathane@5 ml per 10 litres of water. Monitor diamond back moth in cole crop, for pod borer in pea and fruit borer in tomato, installation of pheromone traps @ 3-4 traps per acre is advised.
Ginger , Turmeric , calcocasia and elephant foot and leafy vegetables	Intercultural operations & weed control		Apply mulch and well rotten FYM on these crops. For the control of downy mildew in garlic spray Diathane M 45 2.5 g or Bavistine 1 g per litre.
Potato	Vegetative&Fruiting		Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. Due to high relative humidity, infection of blight may occur in potato and tomato. Constant monitoring is advised. If symptoms appears than spray of Carbandizam @ 1.0 gm / litre of water or Dithane-M-45 @ 2.0 gm / litre of water is recommended
Poly house Agriculture	Vegetative stage		In polyhouse crops like tomato and shimlamirch, Powdery mildew is expected, for control spray haxaconazol 1ml per litres of water in 10 days interval. The seedling of early cucurbitaceous crops, seedling may be prepared in small polythene

			bags in poly houses
Tea	Training pruning	-	Training, skiffing and cleaning work can be completed in the tea. Do lopping of the tree in the tea orchards to have more sunlight. The skiffed material may be used to prepare compost so that it could be applied in next season. Start the seed stratification of tea seeds so that it can be planted during February and March..
Livestock: Cattle, Sheep and Goat etc.		Diseases, ticks and mites	<p>Temperature is falling and a cold wave has gripped the area, so protect the newly born calves and animals from cold. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Increase energy contents of concentrate mixture by adding 5-10 per cent more of cereal grains. Feed well-chaffed legumes mixed with wheat-straw in the ratio of 10:1. New-born calves need special care against severe winters as they are susceptible to pneumonia. So keep them warm by providing dry bedding and protection against cold winds. While feeding animals on dry roughages, provide 40 g mineral mixture (ISI mark) to every milk giving cow or buffalo.</p> <p>Protect the newly born calves and animals from cold. Feed pregnant and lactating cows and buffaloes with balance feed including mineral mixture. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Deworming of calves should be continued against ascaris with piperazine liquid 4ml/10 kg body weight. Give them vitamin A concentrate 1ml daily in milk for three days, to be repeated after a month. During this cold season, apply butter or cream +Zinc Oxide after milking complete milking.</p>
Poultry		Nutrient& Chicks brooding	<p>Replace the poultry houses with fresh litter to avoid wetting and keep the houses clean and ensure clean drinking water to the birds. Protect the birds from cold and increase the feed by 10%. For the attack of cocksedia disease consult the nearby veterinarian. Temperature falls, so farmers are advised to make the arrangements for protection of cold in the poultry houses. For new lot of layers chicks follow recommended schedule of vaccination for IBD and Ranikhet disease. Attack of Diarrhria and cocksedia expected so, consult the nearby veterinarian. In case of poultry, save them from cold winds by providing curtains so that temperature of shed does not fall below 16⁰ C.</p>

			Provide artificial heat to chicks. Increase energy contents of ration by 5-8 per cent. Also add coccidiostats in the ration, to prevent its occurrence. Provide 15-16 hrs. of light in the sheds.
Horticulture	Nutrient management of plants Leaf minor in Citrus		Wrapping of plastic sheets around mango trunk should be done for preventing climbing of young mealy bugs. Apply grease to seal any cracks in the polythene sheets. If the stem borer problem is there in spray insecticide or control them with applying kerosene oil. Keep the basins of the plants free from weeds. If the stem borer problem is there in spray insecticide or control them with applying kerosene oil. Keep the basins of the plants free from weeds. Farmers are advised for application of manure and fertilizer in mango and other orchard gardens. Thatching of newly planted horticulture crops to protect from cold etc. Nutrient management of plants such as spraying of nitrogen fertilizers and other nutrients can protect fruit plants from frost damage.
Mushroom	Growing		Dingri can be sown in closed room, maintain temperature of 25-28 degree Celsius and relative humidity of 80-85 % for good crop. Advised to fill compost bags with span for button mushrooms..
Apiculture			The temperature has fallen and expected to fall further, so give the winter packing immediately to colonies. Check the colonies for nector and Give artificial food to honey bees as there is scarcity of flowers during these days. And keep colonies in sun on clear day.
Fisheries	Rearing	-	It is time to disinfect the fish tank by draining out the water and exposing the bottom floor of the tank to direct sunlight.
Floriculture	Flowering stage	Aphids	For the control of blue beetle in roses and balsam, spray endosulphon @0.1% or cypermythrin @0.05%. Training and pruning as well as intercultural operations of rose should be done in present weather conditions. Apply Bavistin paste in the cut portion to protect the crop Weather is conducive for attack of mites in carnation, for control spray cypermythrin @ 0.05% in 15 days interval against attack of fungal diseases. Rotting disease in marigold crop is monitored.The flowers affected with aphids, spray malathion @0.05% for the control. Advised light and frequent irrigation.

Kangra			
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Fodder crops	Intercultural operations		Intercultural operations on already sown berseem, lucerne and oats for fodder of Rabi season also advised. The lantana weeds in the grasslands may be cut so that regenerated growth during September can be sprayed with 1% glyphosate for its control.
Vegetable crops	<p>If crop is damaged by frost injury then monitor crops for bacterial diseases. Few fungi like pythium and Phytopathora increase due to cold.</p> <p>For the control of soil borne insects viz. white grubs, cutworms, red ants etc. mix chlorpyrifos 20 EC with sand (2 litre in 25 kg sand for one hectare area) and incorporate the mixture into soil before sowing of potato or transplanting of vegetable crops. Vegetables may also be protected from frost bites</p>		
Tomato, chilli, capsicum and brinjal	Plant Protection		For shoot and fruit borer in brinjal and tomato crops, infested fruits and shoots should be collected and buried inside the soil. Also install pheromone trap @25 per hectare.. Infected crop should be

			uprooted and buried in the soil.
Radish and turnip, onion & Peas	Plant protection		<p>In onion crop against attack of thrips Spraying of Carbaryl @ 2 grams per litre of water with sticky material (Tipol 1.0 gram /litre) is advised. Monitor crop for purple blotch also.</p> <p>Purple blotch is expected for control spraying of Diethane M -45 @ 3 grams per litre of water with sticky material (Tipol 1.0 gram /litre) advised.</p> <p>For control of powdery mildew in peas, spray celfex@25 g per 10 litres of water or karathane@5 ml per 10 litres of water. For pod borer in pea and fruit borer in tomato, installation of pheromone traps @ 3-4 traps per acre is advised.</p>
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Ginger , Turmeric , calcocasia and elephant foot and leafy vegetables	Intercultural operations & weed control		<p>Apply mulch and well rotten FYM on these crops. For the control of downy mildew in garlic spray Diathane M 45 2.5 g or Bavistine 1 g per litre.</p>
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Livestock: Cattle, Sheep and Goat etc.		Diseases, ticks and mites	<p>Temperature is falling and a cold wave has gripped the area, so protect the newly born calves and animals from cold. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Increase energy contents of concentrate mixture by adding 5-10 per cent more of cereal grains. Feed well-chaffed legumes mixed with wheat-straw in the ratio of 10:1. New-born calves need special care against severe winters as they are susceptible to pneumonia. So keep them warm by providing dry bedding and protection against cold winds. While feeding animals on dry roughages, provide 40 g mineral mixture (ISI mark) to every milk giving cow or buffalo.</p> <p>Protect the newly born calves and animals from cold. Feed pregnant and lactating cows and buffaloes with balance feed including mineral mixture. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Deworming of calves should be continued against ascaris with piperazine liquid 4ml/10 kg body weight. Give them vitamin A concentrate 1ml daily in milk for three days, to be repeated after a month. During this cold season, apply butter or cream +Zinc Oxide after milking complete milking.</p>
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Fisheries	Rearing	-	It is time to disinfect the fish tank by draining out the water and exposing the bottom floor of the tank to direct sunlight.
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Hamirpur			
Main Crops	Stage	Pest/Disease /Abiotic stress	Weather based Agro- advisories
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Stored grains		rice weevil, lesser grain borer and rice moth	<p>Weather is conducive for attack of stored grains pests like rice weevil, lesser grain borer and rice moth. In Grain store bins put one pouch of celhpos (3g) or quickphos (12g) or Fumino pouch in a wet cloth in the middle of bin and keep the bin airtight for some time.</p>
Pulse	Plant protection		<p>On clear day after rains Frosts expected and it impacts the Gram crop and bacterial diseases are expected in injured plants. Monitor crops for same. For pod borer in the gram crop, installation of Pheromone trap @ 3-4 traps per acre is advised if flowering has reached 10-15%. "T" shaped bird perches in and around crop field to be installed for controlling insect population.</p>
Fodder crops	Intercultural operations		<p>Intercultural operations on already sown berseem, lucerne and oats for fodder of Rabi season also advised. The lantana weeds in the grasslands may be cut so that regenerated growth during September can be sprayed with 1% glyphosate for its control.</p>
Vegetable crops	<p>If crop is damaged by frost injury then monitor crops for bacterial diseases. Few fungi like pythium and Phytopathora increase due to cold.</p> <p>For the control of soil borne insects viz. white grubs, cutworms, red ants etc. mix chlorpyriphos 20 EC with sand (2 litre in 25 kg sand for one hectare area) and incorporate the mixture into soil before sowing of potato or transplanting of vegetable crops. Vegetables may also be protected from frost bites</p>		
Tomato, chilli, capsicum and brinjal	Plant Protection		<p>For shoot and fruit borer in brinjal and tomato crops, infested fruits and shoots should be collected and buried inside the soil. Also install pheromone trap @25 per hectare.. Infected crop should be uprooted and buried in the soil.</p>
Radish and turnip, onion & Peas	Plant protection		<p>In onion crop against attack of thrips Spraying of Carbaryl @ 2 grams per litre of water with sticky material (Tipol 1.0 gram /litre) is advised. Monitor crop for purple blotch also.</p> <p>Purple blotch is expected for control spraying of Diethane M -45 @ 3 grams per litre of water with sticky material (Tipol 1.0 gram /litre) advised.</p> <p>For control of powdery mildew in peas, spray celfex@25 g per 10 litres of water or karathane@5 ml per 10 litres of water. For pod borer in pea and fruit</p>

			borer in tomato, installation of pheromone traps @ 3-4 traps per acre is advised.
Cauliflower and Other vegetables	Vegetative	Downy mildew	For Leaf feeders in cole crop Spray of Spinosad @1 ml \ 3 litre of water when sky remains clear. The downy mildew is expected in cruciferous vegetables, for control spray redomil M-Z @ 25 g per litres of water at 15 days interval. Intercultural operations in vegetables are advised to remove the weeds. Application of remaining doses of fertilizer in 15-25 days old crop should be done. In cauliflower Add 2-3 Kg urea per kanal in cauliflower. The downy mildew is expected in cruciferous vegetables, for control spray redomil M-Z @ 25 g per litres of water at 15 days interval. Powdery mildew expected in peas spray celfex @25 g per 10 litres of water or karathane @5 ml per 10 litres of water. Monitor diamond back moth in cole crop, for pod borer in pea and fruit borer in tomato, installation of pheromone traps @ 3-4 traps per acre is advised.
Ginger , Turmeric , calcocasia and elephant foot and leafy vegetables	Intercultural operations & weed control		Apply mulch and well rotten FYM on these crops. For the control of downy mildew in garlic spray Diathane M 45 2.5 g or Bavistine 1 g per litre.
Potato	Vegetative & Fruiting		Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. Due to high relative humidity, infection of blight may occur in potato and tomato. Constant monitoring is advised. If symptoms appears than spray of Carbandizam @ 1.0 gm / litre of water or Dithane-M-45 @ 2.0 gm / litre of water is recommended
Poly house Agriculture	Vegetative stage		In polyhouse crops like tomato and shimlamirch, Powdery mildew is expected, for control spray haxaconazol 1ml per litres of water in 10 days interval. The seedling of early cucurbitaceous crops, seedling may be prepared in small polythene bags in poly houses
Livestock: Cattle, Sheep and Goat etc.		Diseases, ticks and mites	Temperature is falling and a cold wave has gripped the area, so protect the newly born calves and animals from cold. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Increase energy contents of concentrate mixture by adding 5-10 per cent more of cereal grains. Feed well-chaffed legumes mixed with wheat-straw in the ratio of 10:1. New-born calves need special care against severe winters as they are susceptible to pneumonia. So keep them warm by providing dry bedding and

			<p>protection against cold winds. While feeding animals on dry roughages, provide 40 g mineral mixture (ISI mark) to every milk giving cow or buffalo.</p> <p>Protect the newly born calves and animals from cold. Feed pregnant and lactating cows and buffaloes with balance feed including mineral mixture. Also keep the cowshed clean and do not allow the water to stagnate in the cow shed. Provide dry bedding to animals and save them from cold winds. Deworming of calves should be continued against ascaris with piperazine liquid 4ml/10 kg body weight. Give them vitamin A concentrate 1ml daily in milk for three days, to be repeated after a month. During this cold season, apply butter or cream +Zinc Oxide after milking complete milking.</p>
Poultry		Nutrient & Chicks brooding	<p>Replace the poultry houses with fresh litter to avoid wetting and keep the houses clean and ensure clean drinking water to the birds. Protect the birds from cold and increase the feed by 10%. For the attack of cocksedia disease consult the nearby veterinarian. Temperature falls, so farmers are advised to make the arrangements for protection of cold in the poultry houses. For new lot of layers chicks follow recommended schedule of vaccination for IBD and Ranikhet disease. Attack of Diarhiria and cocksedia expected so, consult the nearby veterinarian. In case of poultry, save them from cold winds by providing curtains so that temperature of shed does not fall below 16⁰ C. Provide artificial heat to chicks. Increase energy contents of ration by 5-8 per cent. Also add coccidiostats in the ration, to prevent its occurrence. Provide 15-16 hrs. of light in the sheds.</p>
Horticulture	Nutrient management of plants Leaf minor in Citrus		<p>Wrapping of plastic sheets around mango trunk should be done for preventing climbing of young mealy bugs. Apply grease to seal any cracks in the polythene sheets. If the stem borer problem is there in spray insecticide or control them with applying kerosene oil. Keep the basins of the plants free from weeds.</p> <p>If the stem borer problem is there in spray insecticide or control them with applying kerosene oil. Keep the basins of the plants free from weeds. Farmers are advised for application of manure and fertilizer in mango and other orchard gardens. Thatching of newly planted horticulture crops to protect from cold etc. Nutrient management of plants such as spraying of nitrogen fertilizers and</p>

			other nutrients can protect fruit plants from frost damage.
Mushroom	Growing		Dingri can be sown in closed room, maintain temperature of 25-28 degree Celsius and relative humidity of 80-85 % for good crop. Advised to fill compost bags with span for button mushrooms..
Apiculture			The temperature has fallen and expected to fall further, so give the winter packing immediately to colonies. Check the colonies for nector and Give artificial food to honey bees as there is scarcity of flowers during these days. And keep colonies in sun on clear day.
Fisheries	Rearing	-	It is time to disinfect the fish tank by draining out the water and exposing the bottom floor of the tank to direct sunlight.
Floriculture	Flowering stage	Aphids	For the control of blue beetle in roses and balsam, spray endosulphon @0.1% or cypermythrin @0.05%. Training and pruning as well as intercultural operations of rose should be done in present weather conditions. Apply Bavistin paste in the cut portion to protect the crop Weather is conducive for attack of mites in carnation, for control spray cypermythrin @ 0.05% in 15 days interval against attack of fungal diseases. Rotting disease in marigold crop is monitored.The flowers affected with aphids, spray malathion @0.05% for the control. Advised light and frequent irrigation.

Solan			
Main Crops	Stage	Pest/Diseases	Weather based Agro- advisories
Crops	Dormant (No crop is grown during winter period)	-	-
Stone Fruit	Transplanting/Bud burst	-	Keep the orchards neat and clean from weeds and transplant them in already prepared pits. Prepare the pits for planting like, walnut, almond plum and peach.
Pea	Picking		Picking of mature pod and send to market. Provide adequate support to the plants for the potential yield of crop. Regularly monitor the pea crop against the occurrence of pod borer. If pod borer is observed, spray crop with chlorpyriphos 20 EC @ 2ml/L or cypermethrin 10 EC @

			1ml/L of water during clear weather.
Garlic	Spring garlic		Critically monitor the crop if there is attack of purple blotch. Need based spraying of Diethane M -45 @ 3 grams per L of water are advised against infection of purple blotch, weather should be clear and dry.
Gladiolus	Field preparation		Farmers are also advised to prepare their fields for the planting of gladiolus. Planting should be done in end February and first week of March. Before planting mix 5 kg FYM per square m bed area.
Wheat(Low Hills)	Initiation of Booting stage		Regularly monitor the wheat crop against the occurrence of yellow rust. If disease is noticed in the field, apply Tilt 25 EC or Markzole 25 EC (propiconazole) @ 200 ml in 200 L of water, weather should be clear and dry.
Natural Farming	Vegetative Stage		To control insect-pest attack by spraying Agniastra, Brahmastra and Neemastra and dashparni ark at weekly interval @3.0 per cent and Jeevaamrit @ 10.0 percent at regular interval as weather is clear in the next 5 days.
Live Stock		-	Protect young ones from the cold by covering them with gunny bags during the night and give some sunlight during day time. Keep the door closed during night time of cow sheds to avoid entry of cold winds. Cover the animal sheds from all sides and provide dry bedding to animals and save them from cold winds.

Kinnaur			
Main Crops	Stage	Pest/Diseases	Weather based Agro- advisories
Crops	Dormant (No crop is grown during winter period)	-	-
Apple	Dormant	-	Avoid the pruning of the diseased and undesirable twigs until weather is warm and clear. In case of heavy snowfall, shake the trees to remove snow immediately from the branches. Monitor for bacterial diseases after plants are injured due to heavy snowfall.
Live Stock	-	-	Animals should be given lukewarm feed and water to

			<p>drink during cold temperature.</p> <p>In case of low temperature, make adequate arrangements for artificial lighting and heating for animals.</p> <p>To maintain the body temperature of dairy animals, they should be fed with a mixture of oil cakes and jaggery.</p> <p>For brucellosis disease calves aged 6-8 months should be vaccinated with strain 19 vaccine.</p> <p>Show animals sunlight whenever the weather is clear.</p> <p>To protect the animals from ectoparasites, their sheds should be kept clean. Insect repellent plant should be hanged in the animal sheds, so that the smell of which keeps ectoparasites away.</p> <p>The controlled breeding programme for animals should be continued in the month of February so that all participating animals become pregnant during this month.</p>
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Lahaul & Spiti			
Main Crops	Stage	Pest/Diseases	Weather based Agro- advisories
Crops	Dormant (No crop is grown during winter period)	-	-
Apple	Dormant	-	<p>Avoid the pruning of the diseased and undesirable twigs until weather is warm and clear.</p> <p>In case of heavy snowfall, shake the trees to remove snow immediately from the branches.</p> <p>Monitor for bacterial diseases after plants are injured due to heavy snowfall.</p>
Live Stock	-	-	<p>Animals should be given lukewarm feed and water to drink during cold temperature.</p> <p>In case of low temperature, make adequate arrangements for artificial lighting and heating for animals.</p> <p>To maintain the body temperature of dairy animals, they should be fed with a mixture of oil cakes and jaggery.</p> <p>Weak and sick animals should be covered with sack cloth to protect them from the cold.</p> <p>For brucellosis disease calves aged 6-8 months should</p>

			<p>be vaccinated with strain 19 vaccine.</p> <p>Show animals sunlight whenever the weather is clear.</p> <p>To protect the animals from ectoparasites, their sheds should be kept clean. Insect repellent plant should be hanged in the animal sheds, so that the smell of which keeps ectoparasites away.</p>
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