

**Forecast Issuing Authority Agro met. Advisory Service Unit, Met. Centre, Lucknow**

**PART-I  
WEATHER**

**Bulletin No- 104/17**

**ISSUING DATE: 29.12.2017**

<b><u>Significant Past Weather in different districts of Agro climatic zones for the period From 0830 hrs IST of 26.12.2017 to 0830 hrs IST of 29.12.2017</u></b>		<b><u>Weather forecast in different districts of Agro climatic zones until 0830 hrs IST of 03.01.2018</u></b>	
<b>(I) <u>NODAL OFFICER, ALLAHABAD:</u> Districts: Fatehpur, Pratapgarh, Allahabad, Chitrakutnagar and Kausambi</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period.
<b>Max./Min. Temp</b>	Min temp. will be -1 °C to +2°C from normal (Normal min. temp.9°C)	<b>Max./Min. Temp</b>	Min temp. will be -2 °C to 0°C from normal (Normal min. temp. 9°C)
<b>Wind Dir./Speed</b>	Northwesterly to southwesterly with speed 5-7 kmph.	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly with speed 2-5 Kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Clear to partly cloudy sky.	<b>Cloud Status</b>	Clear sky .
<b>Chief Amount of R/F (&gt;= 5 cm)</b>	<b>NIL</b>	<b>Weather Warning</b>	Light to moderate fog likely to occur during the period.
<b>(II) <u>NODAL OFFICER, BAHRAICH:</u> Districts: Bacharach, Shrawasti, Balrampur, Gonda, Kushinagar , Siddharthnagar and Maharajganj</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period.
<b>Max./Min. Temp</b>	Min temp. will be -4 °C to -1°C from normal (Normal min. temp.9°C)	<b>Max./Min. Temp</b>	Min temp. will be -4 °C to 0°C from normal (Normal min. temp.9°C)
<b>Wind Dir./Sped</b>	Westerly to northwesterly wind with speed 1-3 kmph.	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly with speed 3-7 Kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Generally cloudy sky.	<b>Cloud Status</b>	Clear sky .
<b>Chief Amount of R/F (&gt;= 5 cm)</b>	<b>NIL</b>	<b>Weather Warning</b>	Moderate to dense fog likely to occur in the morning during the period.
<b>(III) <u>NODAL OFFICERS (BHARARI):</u> Districts: Jalaun, Jhansi, Lalitpur, Mahoba, Banda and Hamirpur</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period.
<b>Max./Min. Temp</b>	Min temp. Will be +1 °C to +3°C from normal (Normal . temp.07°C)	<b>Max./Min. Temp</b>	Min temp. will be 0 °C to + 1 °C from normal (Normal min. temp.7 °C)

<b>Wind Dir./Speed</b>	Northwesterly to northerly wind with speed 1-4 kmph.	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly wind with speed 2-6 kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be approximately normal.
<b>Cloud Status</b>	Mainly clear sky.	<b>Cloud Status</b>	Clear to mainly clear sky.
<b>Chief Amount of R/F ( &gt;= 5 cm)</b>	NIL	<b>Weather Warning</b>	Light to Moderate fog likely to occur during first three days.
(IV) <b><u>NODAL OFFICERS, (FAIZABAD)</u> : Districts: Barabanki, Sultanpur, Amethi, Faizabad, Basti, Raebareli, Ambedkarnagar, Sant Kabirnagar, Gorakhpur, Deoria and Ballia</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period.
<b>Max./Min. Temp</b>	Min temp. will be 0 <sup>o</sup> C to +2 from normal (Normal min. temp.10 <sup>o</sup> C)	<b>Max./Min. Temp</b>	Min temp. will be -3 <sup>o</sup> C to 0 <sup>o</sup> C from normal (Normal min. temp.9 <sup>o</sup> C)
<b>Wind Dir./Speed</b>	Westerly wind with speed 1-3 kmph.	<b>Wind Dir./Speed</b>	Easterly to northwesterly with speed 2-8 kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Partly cloudy to generally cloudy sky.	<b>Cloud Status</b>	Clear sky.
<b>Chief Amount of R/F ( &gt;= 5 cm)</b>	NIL	<b>Weather Warning</b>	Moderate to dense fog likely to occur during the period.
(V) <b><u>NODAL OFFICERS, KANPUR:</u> Districts: Kanauji, Hathras, Mathura, Agra, Etah, Mainpuri, Firozabad, Etawah, Auraiya, Kanpur-Rural, Kanpur-Urban, Unnao, Lucknow, Sitapur, Hardoi, Kheri and Kanshiram Nagar</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period..
<b>Max./Min. Temp</b>	Min temp. will be -3 <sup>o</sup> C to -1 <sup>o</sup> C from normal (Normal min. temp.08 <sup>o</sup> C)	<b>Max./Min. Temp</b>	Min temp. will be -2 <sup>o</sup> C to +1 <sup>o</sup> C from normal (Normal min. temp.7 <sup>o</sup> C)
<b>Wind Dir./Speed</b>	Northwesterly wind with speed 0-2 kmph.	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly with speed 4-8 kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Partly Cloudy sky.	<b>Cloud Status</b>	Clear sky.
<b>Chief Amount of R/F ( &gt;= 5 cm)</b>	NIL	<b>Weather Warning</b>	Moderate to dense fog likely to occur in the morning during the period.
(VI) <b><u>NODAL OFFICER, MODIPURAM:</u> Districts: Meerut, Pilibhit, Saharanpur, Muzaffarnagar, Baghpat, Ghaziabad, Gautambudhnagar, Aligarh, Bulandshahar, Moradabad, Jyotiba phule Nagar, Bijnore, Badaun, Bareilly, Rampur, Shahjahanpur, Farrukhabad, Shamali, Sambhal and Hapur</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period..

<b>Max./Min. Temp</b>	Min temp. Will be -1 °C to -1°C from normal (Normal min. temp.07°C)	<b>Max./Min. Temp</b>	Min temp. will be -3°C to +1 °C from normal(Normal min. temp 7°C)
<b>Wind Dir./Speed</b>	Northwesterly to northerly with speed 0-1 kmph.	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly wind with speed 4-8 kmph.
<b>Relative Humidity</b>	Relative Humidity was approximately normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Clear to partly cloudy sky.	<b>Cloud Status</b>	Clear sky.
<b>Chief Amount of R/F ( &gt;= 5 cm)</b>	<b>NIL</b>	<b>Weather Warning</b>	Moderate to dense fog likely to occur in the morning during the period.
(VII) <b>NODAL OFFICER, VARANASI: (B.H.U.): Districts: Varanasi, Azamgarh, Ghazipur, Chandauli, Sonbhadra, Mirzapur, Sant Ravidasnagar, Jaunpur and Mau</b>			
<b>Weather Summary</b>	Weather was dry during the period.	<b>Weather Forecast</b>	Weather most likely dry during the period.
<b>Max./Min. Temp</b>	Min temp. Will be -1 °C to +4°C from normal (Normal min. temp.9°C)	<b>Max./Min. Temp</b>	Min temp. Will be -1 °C to +2°C from normal (Normal min. temp.9°C)
<b>Wind Dir./Speed</b>	Northwesterly to easterly wind with speed 1-3 kmph	<b>Wind Dir./Speed</b>	Northeasterly to northwesterly wind with speed 2-8 Kmph.
<b>Relative Humidity</b>	Relative Humidity was above normal.	<b>Relative Humidity</b>	Relative Humidity will be above normal.
<b>Cloud Status</b>	Clear to partly cloudy sky.	<b>Cloud Status</b>	Clear to partly cloudy sky.
<b>Chief Amount of R/F ( &gt;= 5 cm)</b>	<b>NIL</b>	<b>Weather Warning</b>	Moderate to dense fog likely to occur in the morning during the period

(R P KURIL)  
For DIRECTOR I/C  
M.C. LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,  
Met. Centre, Lucknow**

PART-II

**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

Crops	Crop stage	<b>I. <u>NODAL OFFICER, ALLAHABAD :</u></b>
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<b>Districts: Fatehpur, Pratapgarh, Allahabad, Chitrakutnagar and Kausambi.</b>		
<b>Rabi Crop/ Soil testing/</b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b>Paddy</b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b>Wheat</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting, irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. t the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irrigation after 20 to 25 days of sowing.</li> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/ Chickpea</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc. Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.</li> </ul>
<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on med as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>
<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery , complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly,spray monopropitous 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufri</li> </ul>

		Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general ,use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>
<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4 gram per litre water.</li> </ul>

(R P KURIL)  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,  
Met. Centre, Lucknow**

**PART-II**

**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

<b>Crops</b>	<b>Crop stage</b>	<b>II. NODAL OFFICER, BAHRAICH: Districts: Baharaich, Shrawasti, Balrampur, Gonda, Kushinagar , Siddharthnagar and Maharajganj,</b>
<b>Rabi Crop/ Soil testing/</b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b>Paddy</b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b>Wheat</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting. irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. t the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irritation after 20 to 25 days of sowing.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/ Chickpea</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc. Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.</li> </ul>
<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on med as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>
<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery, complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly, spray monoprotious 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufri Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.</li> </ul>
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general, use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>

<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4 gram per litre water.</li> </ul>
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(R P KURIL)  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,**

**Met. Centre, Luck now**

**PART-II**

**District wise Agro met Advisories**

**Bulletin No. 104/17**

**ISSUING DATE: 29.12.2017**

<b>Crops</b>	<b>Crop stage</b>	<b><u>III. NODAL OFFICERS (BHARARI):</u></b> <b>Districts: Jalaun, Jhansi, Lalitpur, Mahoba, Banda, Hamirpur</b>
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<b>Rabi Crop/ Soil testing/</b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
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<b>Paddy</b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b>Wheat</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting. irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. t the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irritation after 20 to 25 days of sowing.</li> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc.</li> </ul>

<b>Chickpea</b>		Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.
<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on med as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>
<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery , complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly,spray monopropitous 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufri Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.</li> </ul>
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general ,use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>
<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4</li> </ul>

		gram per litre water.
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(R P KURIL)  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,**  
**Met. Centre, Luck now**

**PART-II**

**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

<b>Crops</b>	<b>Crop stage</b>	<b><u>IV. NODAL OFFICERS, (FAIZABAD) :</u></b> <b>Districts: Barabanki, Sultanpur, Amethi, Faizabad, Basti, Raebareli, Ambedkarnagar, Sant Kabirnagar, Gorakhpur, Deoria, and Ballia.</b>
<b><i>Rabi Crop/ Soil testing/</i></b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b><i>Paddy</i></b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b>Wheat</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting. irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. t the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irrigation after 20 to 25 days of sowing.</li> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/ Chickpea</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc. Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.</li> </ul>

<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on med as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>
<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery , complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly,spray monopropitious 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufari Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.</li> </ul>
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general ,use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>
<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4 gram per litre water.</li> </ul>

(R P KURIL )  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,**

**Met. Centre, Luck now**

**PART-II**

**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

Crops	Crop stage	<p><b><u>V.</u></b> <b><u>NODAL OFFICERS, KANPUR</u></b>  <b>Districts: Kanauji, Hathras, Mathura, Agra, Etah, Mainpuri, Firozabad, Etawah, Auraiya, Kanpur-Rural, Kanpur-Urban, Unnao, Lucknow, Sitapur, Hardoi, Kheri and Kanshiram Nagar.</b></p>
<b><i>Rabi Crop/ Soil testing/</i></b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b><i>Paddy</i></b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b><i>Wheat</i></b>	<b>Sowing /</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533,</li> </ul>

	<b>Emergence</b>	<p>K-9423 from 25 November.</p> <ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting, irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. at the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irrigation after 20 to 25 days of sowing.</li> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/ Chickpea</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc.</li> </ul> <p>Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.</p>
<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on bed as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and cabbage with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>
<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery, complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly, spray monoprotious 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufari Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.</li> </ul>
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general, use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>
<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4 gram per litre water.</li> </ul>

(R P KURIL)  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,**

**Met. Centre, Lucknow**

**PART-II**  
**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

<b>Crops</b>	<b>Crop stage</b>	<p><b><u>VI. NODAL OFFICER, MODIPURAM:</u></b>  <b>Districts: Meerut, Pilibhit, Saharanpur, Muzaffarnagar, Baghpat, Ghaziabad, Gautambudhnagar, Aligarh, Bulandshahar, Moradabad, Jyotiba phule Nagar, Bijnore, Badaun, Bareilly, Rampur, Shahjahanpur, Farrukhabad, Shamali, Sambhal and Hapur</b></p>
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<b><i>Rabi Crop/ Soil testing/</i></b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b><i>Paddy</i></b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b><i>Wheat</i></b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>

<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>
<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting, irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. at the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
<b>Mustard</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Quickly complete the sowing of mustard.</li> <li>➤ For late sowing crops, do thinning and light irrigation after 20 to 25 days of sowing.</li> <li>➤ For proper growth and more branches of mustard plants, pluck the tip of plants.</li> </ul>
<b>Gram/ Pea/Lentil/ Chickpea</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ For the late sowing of gram, recommend species of Pusa -372, Uday, Pant GE-166.</li> <li>➤ If the farmer has not yet done the sowing of peas, then complete the work of sowing for the entire Uttar Pradesh as recommended species such as Rachna, Malaviya Pea-15, Sapna etc. Recommended species for whole Uttar Pradesh of lentils like Narendra Masur-1, D.P.L.-62, Shekhar-2, Shekhar-2. Vaibai of Shekhar-3 etc.</li> </ul>
<b>Rabi /Early Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ It is suitable time for sowing of spices plants i.e. coriander, fenugreek, fennel etc.</li> <li>➤ Undertake sowing of medium and previous varieties i.e. azad matar-1, azad matar-2 etc.</li> <li>➤ Transplant Rabi vegetables i.e. cauliflower, cabbage, capsicum and tomato on med as soon as possible.</li> <li>➤ Fill the soil with 50 kg of urea per hectare in cauliflower and cabbage with top dressing of 35-40 days.</li> <li>➤ In the condition of proper moisture, do weeding of tomatoes.</li> <li>➤ Spray 0.2% of mancozeb to prevent from Jhulsa disease to crops.</li> <li>➤ Sow recommended species of spinach, radish, capsicum, beetroot, carrot on med.</li> </ul>

<b>Garlic</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Undertake planting after cloves treated with recommended pesticide to control soil and cloves born diseases.</li> <li>➤ Sow the seeds after the treatment with the recommended chemicals, it prevents seeds and ground born diseases.</li> <li>➤ Let the weed-clove and garlic of garlic.</li> </ul>
<b>Onion</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Harvesting, threshing, and marketing work of onion may be done as per maturity.</li> <li>➤ Do the work of cutting, disinfection, according to the maturity of onions.</li> <li>➤ If the recommended varieties of onions like Kalyanpur Lal Gol-Pusha Ratnar and hybrid varieties are not sown in the nursery , complete it as soon as possible.</li> </ul>
<b>Potato</b>	<b>Sowing/ Emergence</b>	<ul style="list-style-type: none"> <li>➤ Sowing of potato should be done as possible.</li> <li>➤ To prevent the crop from white fly,spray monoprotious 40 EC of 1.2 lit. of quantity / hectare solution dissolve in 800 liters of water</li> <li>➤ If the sowing of potatoes are not done by farmers, then complete the work of sowing for the main crop of potato, Kufari Chipsana-1, Kufri Chipsana-3, Kufri sadabahar etc.</li> </ul>
<b>Mango</b>	<b>Pest control/ Harvesting/ Maturity</b>	<ul style="list-style-type: none"> <li>➤ For the control of millibug in common, plough deep ploughing around the stem and spray 20% methyl parathiyam powder(200gm/litre) around the stem.</li> <li>➤ If there is a problem of gum release from the branches in general ,use 200-400gm of copper sulphate/tree near the roots of the plants.</li> <li>➤ Irrigate as per requirement for the newly transplanted orchads.</li> </ul>
<b>Lemon</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>➤ Plucking, marketing of ready fruits of Lemon class may be done &amp; to control Bug-inset spray the solution of Cunolphos 25EC@ 1ml per litre in water in clear weather condition Farmers are advice for grafting in Lemon class fruits to change the Desi varieties to improve varieties.</li> <li>➤ In present weather chance of Kainkar disease attack is possible, to prevent it spray solution of copper oxychloride @3-4 gram per litre water.</li> </ul>

(R P KURIL)  
For DIRECTOR I/C  
M.C.LUCKNOW

**Forecast Issuing Authority Agro met. Advisory Service Unit,**  
**Met. Centre, Luck now**  
**PART-II**

**District wise Agro met Advisories**

**Bulletin No.104/17**

**ISSUING DATE: 29.12.2017**

Crops	Crop stage	<b><u>VII. NODAL OFFICER, VARANASI (B.H.U.):</u></b> <b>Districts: Varanasi, Azamgarh, Ghazipur, Chandauli, Sonbhadra, Mirzapur, Sant Ravidasnagar, Jaunpur and Mau</b>
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<b>Rabi Crop/ Soil testing/</b>	<b>Emergence</b>	<ul style="list-style-type: none"> <li>➤ Regular soil testing also contributes to environmental sustainability as the use of excess fertilizers can be avoided .For this purpose soil health card is important for every Farmer and after Registration test the soil in every season in every district's soil testing Laboratory.</li> <li>➤ Lower underground water contamination due to leaching of urea.</li> <li>➤ Neem serves as a natural insecticide</li> <li>➤ Use only certified seeds for the cultivation of Rabi crops.</li> <li>➤ If the seeds are not certified, then the seeds should be cultured from seed borne diseases before sowing and culture the land for the treatment of soil borne diseases.</li> <li>➤ Use irrigation in the Rabi crops on the basis of soil testing.</li> </ul>
<b>Paddy</b>	<b>Harvesting/ Storage</b>	<ul style="list-style-type: none"> <li>➤ Harvest the paddy after receiving the golden color, otherwise scattering of grain can reduce productivity.</li> <li>➤ Cut down the harvested crop.</li> <li>➤ Paddy pots are important. Do not burn it. This leads to increase in the number of plants that increase in yield.</li> <li>➤ Store the paddy at 13 to 14 percent moisture only.</li> </ul>
<b>Wheat</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ Make sure of the light irrigation of 19 -23 days of sowing in wheat.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like K-9533, K-9423 from 25 November.</li> <li>➤ In the irrigated condition, the field selective varieties of wheat such as K-0307, H.D.-2687 should be sowed.</li> </ul>
<b>Barley</b>	<b>Sowing / Emergence</b>	<ul style="list-style-type: none"> <li>➤ In the irrigated condition, the field selective varieties of wheat such as Jyoti, Jagriti, Ras-6, Rekha, Pragati should be sowed.</li> <li>➤ For late sowing of wheat, make advance arrangement of seed for sowing regional recommended varieties like Jyoti, Manjula, Ras-6 from 25- 30 November.</li> </ul>

<b>Maize- Lobia</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>➤ Sow the hybrid varieties of rabi maize P.M.H.-3, Shaktimaan-1, Shakti-1 and for baby maize sow H.M.-4 and Prakash varieties.</li> </ul>
<b>Sugarcane</b>	<b>General</b>	<ul style="list-style-type: none"> <li>➤ Due to the low temperature, there is adverse effect on sugarcane cultivation. Therefore, sowing of the autumnal sugarcane should be done as soon as possible</li> <li>➤ Cutting of mature cane from the surface of the ground and immediately sent sugar mills or jaggery units..</li> <li>➤ After harvesting, irrigate according to the availability of moisture.</li> <li>➤ After the autumnal wide-leaf weeds control, 2.4 d-sodium salt 1.0 kg grams active element / ha. t the rate of 1150, make a solution in water and sprinkle it.</li> </ul>
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