

भारत सरकार
भारत मौसम विज्ञान विभाग
राज्य कृषि-मौसम विज्ञान केंद्र
हैदराबाद -500 016

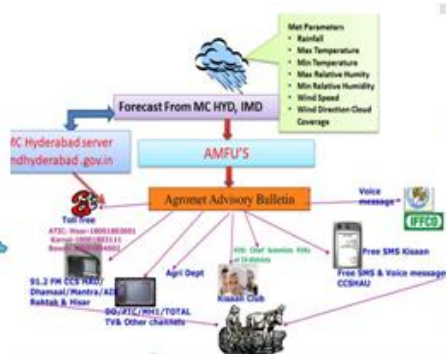


Government of India
India Meteorological Department
State Agro-Meteorological Centre,
Hyderabad- 500 016

बुलेटिन नंबर : 064/2022
Bulletin Number: 064/2022

कृषि-मौसम विज्ञान सलाहकार सेवा बुलेटिन
तेलंगाना राज्य
Agro-Meteorological Advisory Service Bulletin
Telangana State
शुक्रवार 12 अगस्त 2022
(Friday 12th August 2022)

13 अगस्त से 17 अगस्त 2022 तक 5 दिनों की अवधि
5 days' period from 13th August to 17th August 2022



जारीकर्ता (Issued By)
राज्य कृषि-मौसम विज्ञान केंद्र,
State Agro Meteorological Centre (SAMC), Hyderabad

तेलंगाना राज्य के AMFU के जिले और नाम

DISTRICTS AND NAME OF AMFU'S OF TELANGANA STATE.

Agro Climatic Zones	Districts	In-charge Stations
North Telangana	Adilabad, Nirmal, Asifabad- komaram Bheem, Nizamabad, Jagityal, Kamareddy, Rajanna-Sirsilla, Karimnagar and Peddapalle,	RARS, Jagtial
Central Telangana	Sangareddy, Medak, Siddipet, Jangaon, Warangal(U), Warangal(R), Jayasankar, Mulug, Mahabubabad, Bhadradi-Kothagudem and Khammam.	RARS, Rajendra Nagar
South Telangana	Hyderabad, Rangareddy, Medchal-Malkajigiri, Yadadri-Bhuwanagiri, Suryapet, Nalgonda, Nagarkurnool, Mahabubnagar, Vikarabad, Wanaparathi, Narayanpet and Jogulamba-Gadwal.	RARS, Rajendra Nagar

भाग ए-PART A

मौसम/WEATHER

ए.1 09-08-2022 से 11-08-2022 तक पिछले तीन दिनों के दौरान समसामयिक स्थिति

A.1. Synoptic situation during last three days from 09-08-2022 to 11-08-2022

09-08-22:

- The Well Marked Low Pressure Area over coastal areas of Odisha & Northwest Bay of Bengal moved slowly west-northwest concentrated into a Depression and lay centered at 0830 hrs IST of today, the 9th Aug 2022, over coastal Odisha & neighborhood near Lat. 20.8°N and Long. 85.6°E, about 70 km north-northwest of Bhubaneswar (Odisha). It is likely to move gradually west-northwestwards, maintain its intensity today and then weaken into well marked low pressure area over Chhattisgarh and neighborhood tomorrow, the 10th August, 2022.
- The monsoon trough at mean sea level now passes through Naliya, Ahmedabad, Indore, Mandla, Raigarh, centre of Depression over coastal Odisha & neighbourhood and thence southeastwards to north Andaman Sea and extends upto 1.5 km above mean sea level.
- The east-west shear zone now runs roughly along 20° N over North Peninsular India between 3.1 km & 7.6 km above mean sea level.

10-08-22:

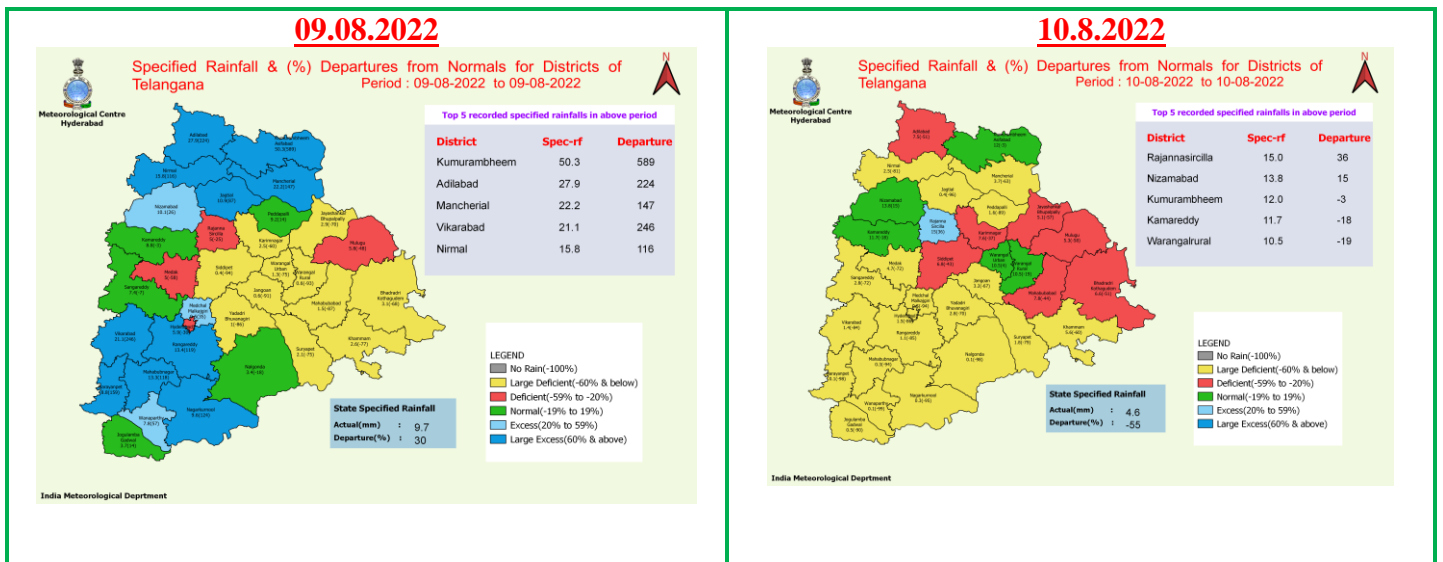
- The Well Marked Low Pressure Area over Chhattisgarh & adjoining East Madhya Pradesh now lies over East Madhya Pradesh & neighbourhood with the associated cyclonic circulation extends upto 5.8 km above mean sea level. It is likely to move west-northwestwards and weaken into a low pressure area during next 12 hours.
- A cyclonic circulation lies over coastal areas of West Bengal & neighbourhood between 1.5 km & 5.8 km above mean sea level.

11-08-22:

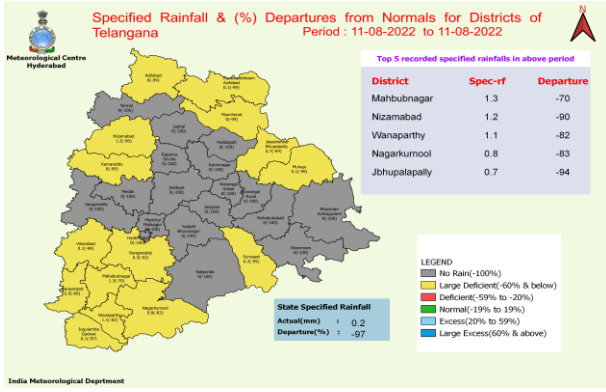
- Yesterdays Low Pressure Area over Madhya Pradesh has become less marked.
- A Low Pressure Area is likely to form over North Bay of Bengal around 13th August, 2022. It is likely to become more marked during subsequent 24 hours and move westnorth westwards thereafter.
- Mainly Low level South Westerlies prevail over the state.

उ.2.09-08-2022 से 11-08-2022 तक पिछले तीन दिनों के दौरान वास्तविक वर्षा और वितरण

A.2.Realized Rainfall & distribution during last three days from 09-08-2022 to 11-08-2022



11.08.2022



ए.3 पिछले तीन दिनों के लिए पिछले मौसम का विवरण (09-08-2022 से 11-08-2022)

A.3 Description of Past Weather for the last Three days (09-08-2022 to 11-08-2022)

WX.PARAMETER	TELANGANA
अधिकतम तापमान /Max Temperature (deg C):	26-30
सामान्य से कम /Dep from normal	Markedly below Normal at one or two places
न्यूनतम तापमान /Min Temperature (deg C):	21-25
सामान्य से कम /Dep from normal	Markedly below Normal at one or two places
कुल मेघ आवरण /Total cloud cover (Okta):	1-8
अधिकतम सापेक्ष आर्द्रता /MaxRelativeHumidity (%)	69-93
न्यूनतम सापेक्ष आर्द्रता /Min Relative Humidity (%)	66-95
हवा की गति/Wind Speed (Kmph):	0-13

ए.4 अगले पांच दिनों के लिए 13.08.2022 से 17.08.2022 तक मौसम पूर्वानुमान

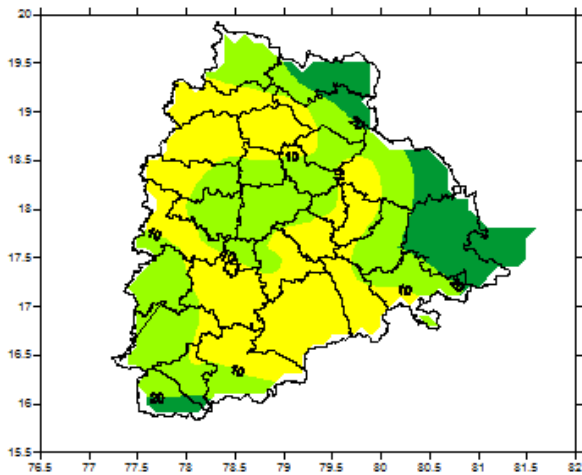
A.4 WEATHER FORECAST FOR THE NEXT FIVE DAYS FROM 13.08.2022 to 17.08.2022

-	AMFU HYERABAD	AMFU JAGTIAL
	Range	Range
वर्षा/Rainfall(mm)	37-0	81-2
अधिकतम तापमान /TempMax(°C)	34.9-30	34.3-29.1
न्यूनतम तापमान /TempMin(°C)	25.2-21.7	25.7-21.6
सापेक्षिक आर्द्रता /HumidityI(%)	93-70	95-76
सापेक्षिक आर्द्रता /HumidityII(%)	89-43	93-54
हवा की गति /WindSpeed(m/s)	26.9-9.6	22.8-5.6
हवा की दिशा /WindDirection(degree)	292-246	292-180
CloudCover(octa)	8-6	8-6

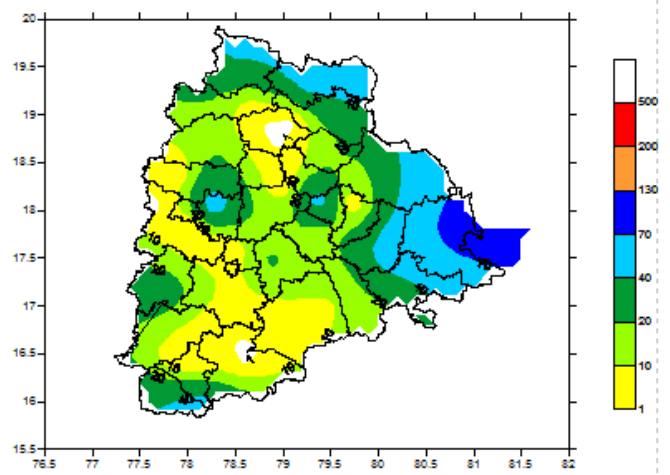
ए.5 अगले पांच दिनों के लिए वर्षा वितरण और मौसम 13.08.2022 से 19.08.2022 तक की अवधि

A.5 Rainfall distribution & Weather for the next five days Period from 13.08.2022 –19.08.2022

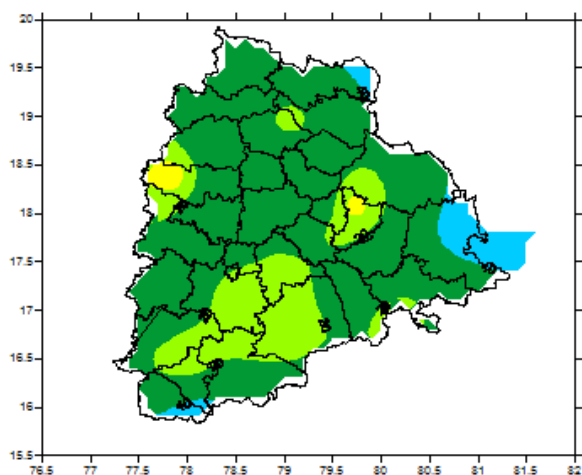
13.08.2022



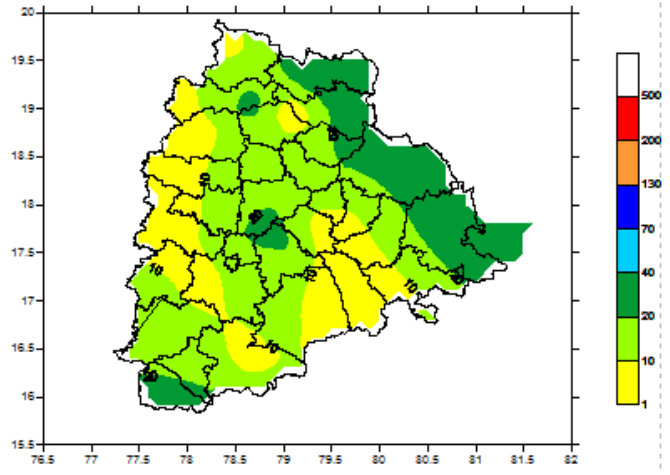
14.08.2022



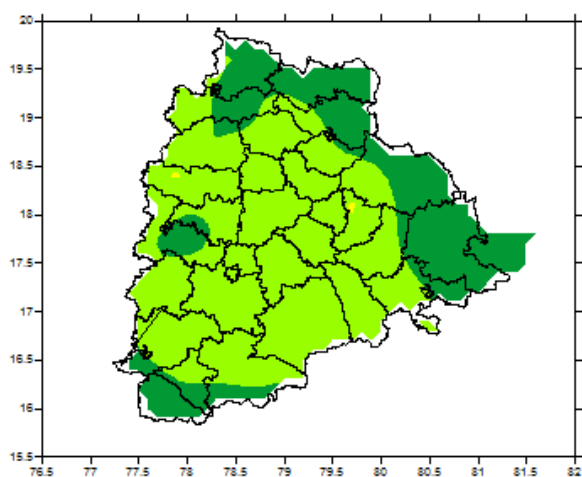
15.08.2022



16.08.2022



17.08.2022

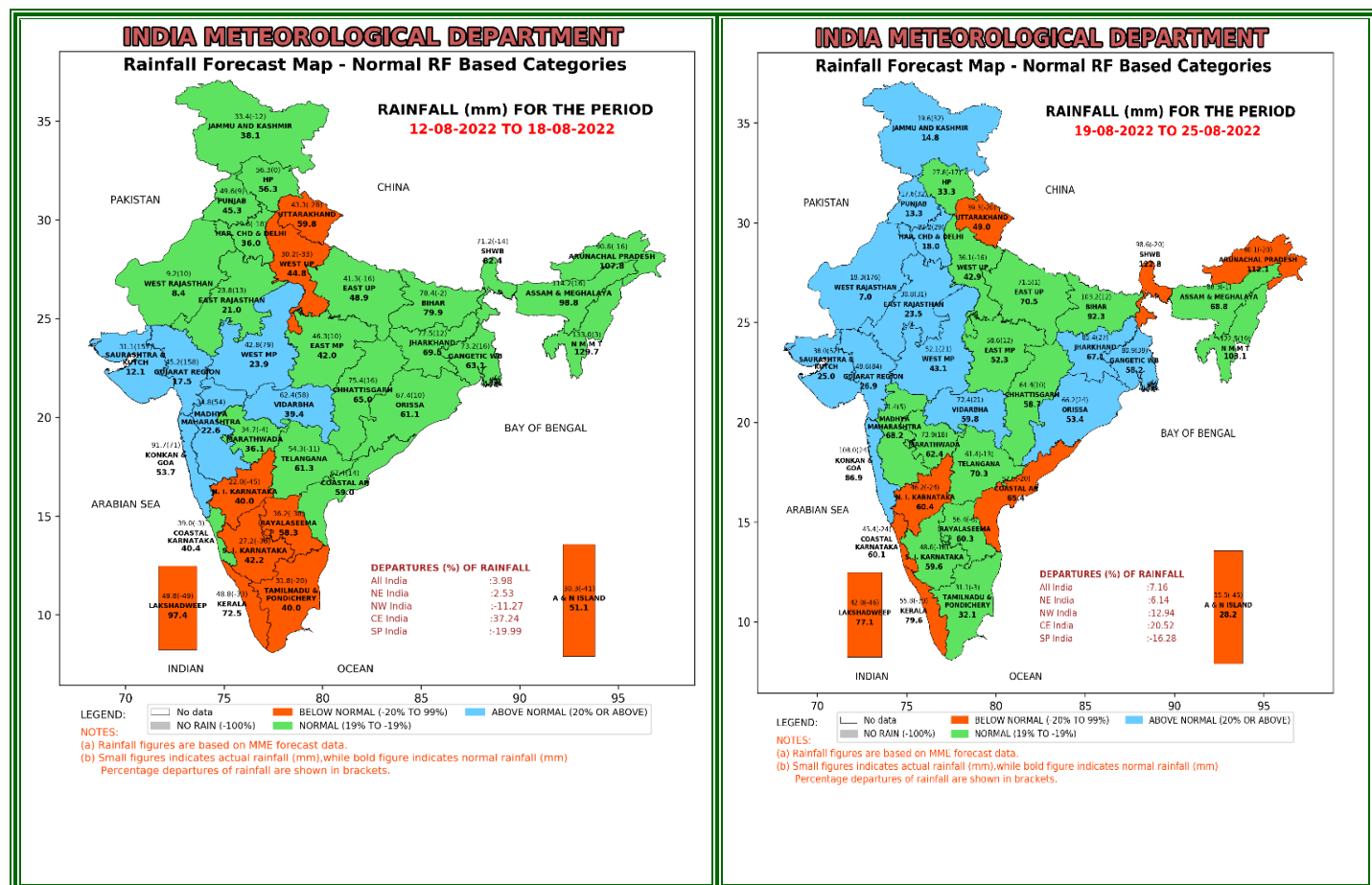


अगले दो सप्ताहों के लिए विस्तारित सीमा का पूर्वानुमान

Extended Range forecast for NEXT TWO WEEKS

अगले 2 सप्ताह के लिए वर्षा पूर्वानुमान मानचित्र

Rainfall forecast maps for the next 2 weeks



Rainfall:

Week 1 (12.08.2022 to 18.08.2022): Normal rainfall in week 1 in Telangana.

Week 2 (19.08.2022 to 25.08.2022): Normal rainfall in week 2 in Telangana.

Weather details of past 3 days:

During the last three days light to moderate rainfall occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 24-32⁰C and 20-26⁰C respectively.

Forecasted weather for the next 5 days:

As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains very likely to occur at isolated places over different parts of the State during next five days. The maximum and minimum temperatures are likely to range between 29-35⁰C and 22-26⁰C respectively.

Warnings

Heavy rains very likely to occur at isolated place over North Telangana Districts during Sunday.

Weather based Agromet Advisories

Rice

- Apply Carbofuran 3 G @ 800 g /200sq.m. (2 Guntas) to rice nurseries one week before pulling nursery.
- Prevailing weather conditions are congenial for incidence of Blast disease in rice nurseries. Monitor the incidence of the disease and if noticed, spray Tricyclazole @ 0.5 g or Isoprothiolane @ 0.5 ml or Kasugamycin @ 2.5 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of Stem Borer in rice which is at Tillering stage. To control, apply Carbofuran 3G @ 10 kg or Chlorantriliprole 0.4 G @ 4 kgs per acre.
- Prevailing weather conditions are congenial for the incidence of BLB in Rice. To control, spray Copper-Oxy-Chloride @ 30 g + Plantomycin @ 2 g per liter of water twice at weekly interval.
- Prevailing weather conditions are congenial for the incidence of Gall Midge in rice. Monitor the incidence of the pests.

Maize

- To control Fall Army Worm in maize, spray Chlorantriliprole @ 0.4 ml or Spinetoram @ 0.5 ml per liter of water around the whorls.
- Prevailing excess moisture conditions are congenial for the incidence of stalk rot. If noticed, uproot the infested plants and throw away from the field, drain out the excess water from the field and apply 4-5 kgs of 35% Chlorine containing Bleaching Powder between the crop rows.

Cotton

- Prevailing weather conditions are congenial for the incidence of Aphids in Cotton. To control, spray Neem Oil @ 5 ml + Imidachloprid @ 0.25 ml or Acetamiprid @ 0.2 g or Fipronil @ 2 ml per liter of water.
- If incidence of Jassids and Thrips are noticed, spray Fipronil @ 2 ml or Flonicamid @ 0.3 g or Sulfoxaflor @ 0.75 ml per liter of water.

- After cessation of rains, apply 25 kg urea and 20 kg Muriate of Potash per acre as 1st top dressing at 20 days after sowing of Cotton crop by pocketing method at 07-10 cm away from the plants.

Soybean

- Incidence of stem fly is noticed. To control, spray Acephate @ 1.0 g per litre of water.
- Incidence of Stem girdle is noticed. To control spray Chlorpyrifos @ 2.5 ml per litre of water.

Redgram

- Prevailing weather conditions are favorable for incidence of Phytophthora stem blight disease in Redgram. If observed, to control soil drench with Metalaxyl @ 2 g per litre of water.
- Prevailing weather conditions are congenial for the incidence of Leaf Webber in Redgram. If observed, to control spray Chlorpyrifos @ 2.5 ml per liter of water.

Vegetables

- If incidence of Damping off is noticed in Tomato, Brinjal, Chilli and Marigold nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.

Livestock

- Prevailing weather conditions are congenial for the occurrence of
 - Ranikhet disease in poultry, ET and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes. To prevent the diseases, vaccinate the animals
 - Deworming in Sheep

WEATHER BASED AGRO ADVISORY TO THE FARMER'S OF KARIMNAGAR DISTRICT

Bulletin No 64/2022

Date :12.08.2022

During last three days light rains may occurred over different parts of the places

As per the forecast received from Meteorological Centre, Hyderabad, There is light to moderate rainfall. Maximum temperature may ranges between 32-33°C and night time temperature (minimum) around 24-26°C. Morning RH 78-89% and afternoon humidity may ranges between 58-78 % respectively. North western winds may blow at a speed of 13-22 kmph.

WEATHER BASED AGRO ADVISORIES

- ❖ Drain out excess water from the fields of rain fed crops like cotton, redgram and maize.
- ❖ Make the channels to drainout excess water in fields.

Paddy

- ❖ In nursery if hispa damage observed. To control, spray profenophos @ 2ml /lit water is recommended.
- ❖ The prevailing weather conditions are favorable for blast in rice nursery. To control apply of tricyclozole + mancozeb 2.5 g or isoprothiolane @ 1.5 ml liter of water.
- ❖ Prevailing weather conditions are favourable for bacterial leaf blight in paddy. To control, spray copper oxy chloride @ 3 g + Plantomycine @ 0.4 g per liter of water is recommended.
- ❖ Prevailing weather conditions are favourable for stemborer in paddy. To control apply of carbofuron 3 G@10 kg or cartap hydrochloride @ 8 kg /acre

Soybean

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Prevailing weather conditions are favourable for stem girdler in soybean crop. Spray acephate @ 1.5 g/lit or profinophos @ 2ml/lit or chlorantiniliprole @ 0.3ml per litre of water.
- ❖ Prevailing weather conditions are favourable for leaf spot in soybean crop. To control, spray carbendazim + mancozeb @ 2.5 g per liter of water is recommended.

Maize

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds.
- ❖ To control fall army worm in maize spray emamectin [benzoate @ 0.4](#) g or chlorantriliprol @0.4 ml per litre of water into the whorl of the plant.
- ❖ Prevailing weather conditions are favourable for erwinia wilt disease in maize crop. To apply the neem cake @ 100kg and bleaching powder @ 4 kg per one acre field
- ❖ The present weather conditions are favourable for Zinc deficiency in maize crop. spraying zinc sulphate @ 2 g/l of water. The spraying should be repeated at 5 days interval depending on the severity of the problem.
- ❖ Prevailing weather conditions are favourable for bacterial stem rot disease in maize crop. To control apply bleaching powder (35 % chlorine) @ 4-5 kg per one acre.

Redgram

- ❖ Sowings : June 15th – August 15th
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds
- ❖ Prevailing weather conditions are favourable for phytophthora wilt disease in redgram. To control, drench with the copper oxy chloride @ 3g per liter of water.
- ❖ Prevailing weather conditions are favourable for leaf spot disease in redgram. To control, spray carbendazim @ 1 g per liter of water is recommended.

Green gram, Black gram

- ❖ The prevailing weather conditions are favorable for Flea beetles in Green gram, Black gram. Spraying with acephate @ 1.5 g/litre or monocrotophos @ 1.6 ml/l of water is recommended

Cotton

- ❖ When the crop is dried drenching of copper oxychloride @3 gr or sprint @ 2 gr (carbendizem +mancozeb) liter of water is recommended twice with 5-7 days interval.
- ❖ Spraying polyfeed 19;19:19 or multi –k (13:0:45) or urea @10 g lit of water twice at week interval.
- ❖ After rainfalls stops, apply urea 25 kg +10 kg MOP per acre.
- ❖ Control both grassy and broad weeds by spraying of quizalofop ethyl @ 2ml + pyriethionac sodium @ 1.25 ml per liter water after 20-25 DAS
- ❖ Prevailing weather conditions are congenial for the incidence of sucking pests in cotton. To prevent the pests apply monocrotophos and water in 1:4 ratio (or) imidaclopride and water in 1:20 ratio with a soft brush on tender part of the stem for 30 days old crop.

Turmeric

- ❖ Prevailing weather conditions are favourable for Rhizome rot in turmeric crop. To control, drench with cymoxanil+mancozeb @ 3g/lit is recommended.
- ❖ Application 1 bag urea & 4 bags neem cake per acre when the crop is at 40 bags after planting.

VEGETABLE

- ❖ Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- ❖ Provide adequate drainage.
- ❖ Treat the seed with imidacloprid @ 5g and captan 3g per kg seed to prevent the incidence of seedling pests and leaf spot disease in nursery

Chilli

- ❖ The present weather conditions are favourable for thrips, to control spray acephate @ 1.5 g or fipronil @ 2 ml. or dimethoate @ 2 ml./lit of water is recommended.

Tomato

- ❖ Leaf blight: Incidence is noticed, for the control spraying with COC @ 3 g/l of water is recommended.

Bhendi

- ❖ Leaf hopper: Incidence is noticed in some parts of district, spraying with imidacloprid @ 0.3 ml/l. of water is recommended.

LIVESTOCK

Buffalo

- ❖ Prevailing weather conditions are favourable for Pneumonia and Mouth & Foot diseases in Buffalo. To control go for vaccination.

WEATHER BASED AGRO ADVISORY TO THE FARMERS' OF NIZAMBAD DISTRICT

Bulletin No 64/2022

Date :12.08.2022

During last three days light to moderate rains may occurred over different parts of the places

As per the forecast received from Meteorological Centre, Hyderabad, There is light to moderate rainfall. Maximum temperature may ranges between 30-32°C and night time temperature (minimum) around 22-23°C. Morning RH 86-91% and afternoon humidity may ranges between 60-79 % respectively. North western winds may blow at a speed of 13-20 kmph.

WEATHER BASED AGRO ADVISORIES

- ❖ Drain out excess water from the fields of rain fed crops like cotton, redgram and maize.
- ❖ Make the channels to drain out excess water in fields.

Paddy

- ❖ In nursery if hispa damage observed. To control, spray profenophos @ 2ml /lit water is recommended.
- ❖ The prevailing weather conditions are favorable for blast in rice nursery. To control apply of tricyclozole + mancozeb 2.5 g or isoprothiolane @ 1.5 ml liter of water.
- ❖ Prevailing weather conditions are favourable for bacterial leaf blight in paddy. To control, spray copper oxy chloride @ 3 g + Plantomycine @ 0.4 g per liter of water is recommended.
- ❖ Prevailing weather conditions are favourable for stem borer in paddy. To control apply of carbofuron 3 G @ 10 kg or cartap hydrochloride @ 8 kg /acre

Soybean

- ❖ Apply urea 25 kg + 10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @ 1% to support the nutrition.
- ❖ Prevailing weather conditions are favourable for stem girdler in soybean crop. Spray

acephate @ 1.5 g/lit or profinophos @ 2ml/lit or chlorantiniliprole @ 0.3ml per litre of water.

- ❖ Prevailing weather conditions are favourable for leaf spot in soybean crop. To control, spray carbendazim + mancozeb @ 2.5 g per liter of water is recommended.

Maize

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds.
- ❖ To control fall army worm in maize spray emamectin [benzoate @ 0.4](#) g or chlorantriliniliprol @0.4 ml per litre of water into the whorl of the plant.
- ❖ Prevailing weather conditions are favourable for erwinia wilt disease in maize crop. To apply the neem cake @ 100kg and bleaching powder @ 4 kg per one acre field
- ❖ The present weather conditions are favourable for Zinc deficiency in maize crop. spraying zinc sulphate @ 2 g/l of water. The spraying should be repeated at 5 days interval depending on the severity of the problem.
- ❖ Prevailing weather conditions are favourable for bacterial stem rot disease in maize crop. To control apply bleaching powder (35 % chlorine) @ 4-5 kg per one acre.

Redgram

- ❖ Sowings : June 15th – August 15th
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds
- ❖ Prevailing weather conditions are favourable for phytophthora wilt disease in redgram. To control, drench with the copper oxy chloride @ 3g per liter of water.
- ❖ Prevailing weather conditions are favourable for leaf spot disease in redgram. To control, spray carbendazim @ 1 g per liter of water is recommended.

Green gram, Black gram

- ❖ The prevailing weather conditions are favorable for Flea beetles in Green gram, Black gram. Spraying with acephate @ 1.5 g/litre or monocrotophos @ 1.6 ml/l of water is recommended

Cotton

- ❖ When the crop is dried drenching of copper oxychloride @3 gr or sprint @ 2 gr (carbendizem +mancozeb) liter of water is recommended twice with 5-7 days interval.
- ❖ Spraying polyfeed 19;19:19 or multi –k (13:0:45) or urea @10 g lit of water twice at week interval.
- ❖ After rainfalls stops, apply urea 25 kg +10 kg MOP per acre.
- ❖ Control both grassy and broad weeds by spraying of quizalofop ethyl @ 2ml + pyriithobac sodium @ 1.25 ml per liter water after 20-25 DAS
- ❖ Prevailing weather conditions are congenial for the incidence of sucking pests in cotton. To prevent the pests apply monocrotophos and water in 1:4 ratio (or) imidaclopride and water in 1:20 ratio with a soft brush on tender part of the stem for 30 days old crop.

Turmeric

- ❖ Prevailing weather conditions are favourable for Rhizome rot in turmeric crop. To control, drench with cymoxanil+mancozeb @ 3g/lit is recommended.
- ❖ Application 1 bag urea & 4 bags neem cake per acre when the crop is at 40 bags after planting.

VEGETABLE

- ❖ Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- ❖ Provide adequate drainage.
- ❖ Treat the seed with imidacloprid @ 5g and captan 3g per kg seed to prevent the incidence of seedling pests and leaf spot disease in nursery

Chilli

- ❖ The present weather conditions are favourable for thrips, to control spray acephate @ 1.5 g or fipronil @ 2 ml or dimethoate @ 2 ml/lit of water is recommended.

Tomato

- ❖ Leaf blight: Incidence is noticed, for the control spraying with COC @ 3 g/l of water is recommended.

Bhendi

- ❖ Leaf hopper: Incidence is noticed in some parts of district, spraying with imidacloprid @ 0.3 ml/l of water is recommended.

LIVESTOCK**Buffalo**

- ❖ Prevailing weather conditions are favourable for Pneumonia and Mouth & Foot diseases in Buffalo. To control go for vaccination.

WEATHER BASED AGRO ADVISORY TO THE FARMERS' OF ADILABAD DISTRICT**Bulletin No 64/2022****Date :12.08.2022**

During last three days light to moderate rains may occur over different parts of the places

As per the forecast received from Meteorological Centre, Hyderabad, There is light to moderate rainfall. Maximum temperature may range between 30-33°C and night time temperature (minimum) around 23-24°C. Morning RH 88-92% and afternoon humidity may range between 64-87 % respectively. North western winds may blow at a speed of 12-20 kmph.

NOTE : On 14th Thunder Storm with lightning likely to occur at isolated places in the district.

WEATHER BASED AGRO ADVISORIES

- ❖ Drain out excess water from the fields of rain fed crops like cotton, redgram and maize.
- ❖ Make the channels to drain out excess water in fields.

Paddy

- ❖ In nursery if hispa damage observed. To control, spray profenophos @ 2ml /lit water is recommended.
- ❖ The prevailing weather conditions are favorable for blast in rice nursery. To control apply of tricyclozole + mancozeb 2.5 g or isoprothiolane @ 1.5 ml liter of water.
- ❖ Prevailing weather conditions are favourable for bacterial leaf blight in paddy. To control, spray copper oxy chloride @ 3 g + Plantomycine @ 0.4 g per liter of water is recommended.
- ❖ Prevailing weather conditions are favourable for stem borer in paddy. To control apply of carbofuron 3 G @ 10 kg or cartap hydrochloride @ 8 kg /acre

Soybean

- ❖ Apply urea 25 kg + 10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @ 1% to support the nutrition.
- ❖ Prevailing weather conditions are favourable for stem girdler in soybean crop. Spray acephate @ 1.5 g/lit or profinophos @ 2ml/lit or chlorantiniliprole @ 0.3ml per litre of water.
- ❖ Prevailing weather conditions are favourable for leaf spot in soybean crop. To control, spray carbendazim + mancozeb @ 2.5 g per liter of water is recommended.

Maize

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds.
- ❖ To control fall army worm in maize spray emamectin [benzoate @ 0.4 g](#) or chlorantriliniprol @0.4 ml per litre of water into the whorl of the plant.
- ❖ Prevailing weather conditions are favourable for erwinia wilt disease in maize crop. To apply the neem cake @ 100kg and bleaching powder @ 4 kg per one acre field
- ❖ The present weather conditions are favourable for Zinc deficiency in maize crop. spraying zinc sulphate @ 2 g/l of water. The spraying should be repeated at 5 days interval depending on the severity of the problem.
- ❖ Prevailing weather conditions are favourable for bacterial stem rot disease in maize crop. To control apply bleaching powder (35 % chlorine) @ 4-5 kg per one acre.

Redgram

- ❖ Sowings : June 15th – August 15th
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds
- ❖ Prevailing weather conditions are favourable for phytophthora wilt disease in redgram. To control, drench with the copper oxy chloride @ 3g per liter of water.
- ❖ Prevailing weather conditions are favourable for leaf spot disease in redgram. To control, spray carbendazim @ 1 g per liter of water is recommended.

Green gram, Black gram

- ❖ The prevailing weather conditions are favorable for Flea beetles in Green gram, Black gram. Spraying with acephate @ 1.5 g/litre or monocrotophos @ 1.6 ml/l of water is recommended

Cotton

- ❖ When the crop is dried drenching of copper oxychloride @3 gr or sprint @ 2 gr (carbendizem +mancozeb) liter of water is recommended twice with 5-7 days interval.
- ❖ Spraying polyfeed 19;19:19 or multi –k (13:0:45) or urea @10 g lit of water twice at week interval.
- ❖ After rainfalls stops, apply urea 25 kg +10 kg MOP per acre.
- ❖ Control both grassy and broad weeds by spraying of quizalofop ethyl @ 2ml + pyrithiobac sodium @ 1.25 ml per liter water after 20-25 DAS
- ❖ Prevailing weather conditions are congenial for the incidence of sucking pests in cotton. To prevent the pests apply monocrotophos and water in 1:4 ratio (or) imidaclopride and water in 1:20 ratio with a soft brush on tender part of the stem for 30 days old crop.

Turmeric

- ❖ Prevailing weather conditions are favourable for Rhizome rot in turmeric crop. To control, drench with cymoxanil+mancozeb @ 3g/lit is recommended.
- ❖ Application 1 bag urea & 4 bags neem cake per acre when the crop is at 40 bags after planting.

VEGETABLE

- ❖ Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.
- ❖ Provide adequate drainage.
- ❖ Treat the seed with imidacloprid @ 5g and captan 3g per kg seed to prevent the incidence of seedling pests and leaf spot disease in nursery

Chilli

- ❖ The present weather conditions are favourable for thrips, to control spray acephate @ 1.5 g or fipronil @ 2 ml.or dimethoate @2 ml./lit of water is recommended.

Tomato

- ❖ Leaf blight: Incidence is noticed, for the control spraying with COC @ 3 g/l of water is recommended.

Bhendi

- ❖ Leaf hopper: Incidence is notice in some parts of district, spraying with imidacloprid @ 0.3 ml/l. of water is recommended.

LIVESTOCK**Buffalo**

- ❖ Prevailing weather conditions are favourable for Pneumonia and Mouth &Foot diseases in Buffalo. To control go for vaccination.

WEATHER BASED AGRO ADVISORY TO THE FARMERS' OF KHAMMAM DISTRICT

Bulletin No 64/2022

Date :12.08.2022

During last three days light rains may occurred over different parts of the places

As per the forecast received from Meteorological Centre, Hyderabad, There is moderate rainfall. Maximum temperature may ranges between 31-34°C and night time temperature (minimum) around 24-24°C. Morning RH 76-90% and afternoon humidity may ranges between 54-83 % respectively. North western winds may blow at a speed of 7-15 kmph.

WEATHER BASED AGRO ADVISORIES

- ❖ Drain out excess water from the fields of rain fed crops like cotton, redgram and maize.
- ❖ Make the channels to drainout excess water in fields.

Paddy

- ❖ In nursery if hispa damage observed. To control, spray profenophos @ 2ml /lit water is recommended.
- ❖ The prevailing weather conditions are favorable for blast in rice nursery. To control apply of tricyclozole + mancozeb 2.5 g or isoprothiolane @ 1.5 ml liter of water.
- ❖ Prevailing weather conditions are favourable for bacterial leaf blight in paddy. To control, spray copper oxy chloride @ 3 g + Plantomycine @ 0.4 g per liter of water is recommended.
- ❖ Prevailing weather conditions are favourable for stemborer in paddy.To control apply of carbofuron 3 G@10 kg or cartap hydrochloride @ 8 kg /acre

Soybean

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Prevailing weather conditions are favourable for stem girdler in soybean crop. Spray acephate @ 1.5 g/lit or profinophos @ 2ml/lit or chlorantiniliprole @ 0.3ml per litre of water.

- ❖ Prevailing weather conditions are favourable for leaf spot in soybean crop. To control, spray carbendazim + mancozeb @ 2.5 g per liter of water is recommended.

Maize

- ❖ Apply urea 25 kg +10 kg MOP per acre after draining out excess water as a booster dose
- ❖ If soil application of fertilizers is not possible, foliar spraying of urea 2% or KNO₃ @1% to support the nutrition.
- ❖ Take up intercultivation at optimum soil moisture condition to loosen and aerate the soil and to control weeds.
- ❖ To control fall army worm in maize spray emamectin [benzoate @ 0.4 g](#) or chlorantriliprol @0.4 ml per litre of water into the whorl of the plant.
- ❖ Prevailing weather conditions are favourable for erwinia wilt disease in maize crop. To apply the neem cake @ 100kg and bleaching powder @ 4 kg per one acre field
- ❖ The present weather conditions are favourable for Zinc deficiency in maize crop. spraying zinc sulphate @ 2 g/l of water. The spraying should be repeated at 5 days interval depending on the severity of the problem.
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For Weather Forecast, Warnings &Inference kindly refer the link below:

<http://www.imdhyderabad.gov.in/tssite/tsfcst.pdf>

<http://www.imdhyderabad.gov.in/tssite/tsinf.htm>

for IMD HYDERABAD WEBSITE, INSTAGRAM, TWITTER, FACEBOOK, YOU TUBE links

MC HYDERABAD WEBSITE: <http://www.imdhyderabad.gov.in/tssite/tlmgindex.html>,
Agro Advisory Services

INSTAGRAM : <https://www.instagram.com/meteorologicalcenter/>

TWITTER : <https://twitter.com/metcentrehyd>

FACEBOOK : <https://m.facebook.com/imd.hyd.3/>

YOUTUBE : <https://studio.youtube.com/channel/UCgLcdtiKuvTFJpdnI2Zm0NA>

 METCENTRE HYDERABAD INSTAGRAM	 METCENTRE HYDERABAD TWITTER	 MC HYDERABAD FACEBOOK	 MET CENTRE HYDERABAD YOUTUBE
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