

**Agromet Advisory Service Bulletin for Ratnagiri District**

(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth, & Regional India Meteorological Department, Mumbai)

Significant past weather for the preceding week

Weather forecast until 08.30 hrs of 04/07/2010

(Period –24/06/2010 to 28/06/2010)

Rainfall (mm):	90.4
Total Rainfall (mm):	1138.7
Total Rainfall (mm) (last year)	250.2
Maximum temperature (⁰ C)	26.4-29.6
Minimum temperature (⁰ C)	21.9-24.1
Morning RH (%)	98
Afternoon RH (%)	76-97
Wind Speed (km/hr):	3.6-6.1
Total cloud cover (Octa)	6-8

PARAMETERS	ENSEMBLE FCST				
	Day-1 30/06	Day-2 01/07	Day-3 02/07	Day - 4 03/07	Day - 5 04/07
Rainfall (mm)	26	18	20	26	22
Maximum temperature (⁰ C)	30	29	29	29	29
Minimum temperature (⁰ C)	26	26	26	25	25
Total cloud cover (Octa)	7	8	8	8	8
Relative Humidity Max. (%)	97	98	98	96	94
Relative Humidity Min. (%)	94	95	96	96	94
Wind Speed (Km/hr)	009	011	009	019	009
Wind Direction	200	220	200	260	220

Agrometeorological Advisory**Possibility of 115 mm rainfall during next seven days is predicted.**

Maximum temperature will be 30 °C on 30/06 and 29 °C from 01/07 to 04/07, whereas minimum temperature will be 26 °C from 30/06 to 02/07 and 25 °C on 03/07 and 04/07. Sky will be cloudy from 30/06 to 04/07. Increase in wind velocity is predicted on 01/07 and 03/07.

Rice, fingermillet	Rice transplanting be started when seedling are 20 and 25 days old in case of early and late varieties respectively. The recommended dose for rice is 100:50:50 NPK kg/ ha. out of which a basal dose @ of 1/3 nitrogen full dose of P and K be applied. The proper bunding is necessary when fertilizers are applied. If incidence of crabs is observed in the nurseries at some places. Farmers are advised to collect and destroy them. Spraying of Gramoxone @ 3 ml per lit. of water on the bunds to control weed during spraying take care the weedicide should not fall on the rice, fingermillet seedlings. Sowing of <i>kharif</i> groundnut varieties viz. Konkan Gaurav, Konkan Tapora, TG-26, SB-11 and Phule Pragati (early varieties) etc.
Vegetables	Provide proper drainage system for bhendi, and other cucurbitaceous crops. If incidence of pests are notice spraying Endosulfan @ 15 ml or Monocrotophos 10 ml per 10 lit. of water to control beetle, leaf eating caterpillar, leaf roller and other insect.
Mango graft nursery	If mango young seedlings are ready then start mango stone grafting programme with prior necessary preparation for nursery.
Plantation mango and fruit crops	One year old healthy graft of desired variety of obtained from government or reputed registered nurseries should be planted in already refilled pits. Care should be taken to plant grafts removing poly bangs without disturbing the root boll. The graft union should be kept above the ground level and graft supported with bamboo stick. To prevent the attack of white ants (termites) 100 g follidol power or chloropriphos granules 50 g should be mixed in soil.
Coconut and Arecanut	Spray 1% Bordeaux mixture before rains to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.
Goats / Milch animals	Vaccination against probable diseases in milch animals in goats be followed as per the suggestions of the veterinary officer. Medicine be given against worms one week before vaccination. Febendazol @ 5 mg per kg body weight of goat be given against worm infection. Sufficient quantity of dry fodder be stored for rainy season. Due to cloudy weather, care be taken against various diseases of milch animals.
Poultry	Proper cleaning of birds and shade be done to avoid the problems of diseases. Vaccination against diseases like <i>Ranikhet</i> be followed as per suggestions of veterinary officer.
Fish culture	Ploughing of the bottom of pond and general repairing of pond be done. Order for seed be placed to Govt. fisheries for next season. Ornamental fish culture programme be started.
Suggestion	Contact nearby SAU Scientists or state Agril. Staff for measures against adverse conditions.