



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



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Duration – 5 days

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Significant past weather for the preceding week (Period –17/06/2020 to 23/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 28/06/2020				
17/06	18/06	19/06	20/06	21/06	22/06	23/06		24/06	25/06	26/06	27/06	28/06
31.6	129.6	96.8	5.6	2.2	16.8	9.3	Rainfall (mm)	65	39	35	38	53
29.6	28.0	27.7	30.5	31.0	30.0	30.5	Maximum temperature (°C)	31	30	30	30	30
24.1	23.4	23.0	24.2	25.7	24.0	23.0	Minimum temperature (°C)	25	25	25	25	25
8	8	8	4	6	4	4	Cloud cover (Octa)	7	7	8	6	8
100	97	97	95	95	93	92	Relative Humidity Max. (%)	96	95	94	95	95
100	98	84	78	98	82	-	Relative Humidity Min. (%)	89	86	84	80	86
3.2	3.9	2.9	4.8	5.7	4.2	5.6	Wind speed (Km/hr)	7	8	6	7	7
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	S	S	SSE	S	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
291.9				750.5				5130.9				

Agro-met Advisory

There is forecast of moderate to heavy rainfall from 24th to 28th June, 2020 at most places.

Crop	Stage	Agro Advise
Kharif rice	Transplanting	<ul style="list-style-type: none"> As there is forecast for moderate rainfall during next five days, hence transplant rice seedling with 5 to 6 leaves with height of 12 to 15 cm and 20-21 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties. Prepare field for transplanting by puddling. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare. If incorporation of 5 tonnes of glyricidia leaves per hectare is done then reduce the dose of nitrogenous fertilizers to 50 percent. Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) or 20 x 15 cm (midlate and late varieties). follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling. In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricidia leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms in between four hill. For controlling the crabs from rice field, in initial stage collect the crabs in torch light for 2 to 3 nights and destroy it. Then use bait prepare with the help of cook rice from 1 kg of raw rice and add insecticide Acephate 75WP @ 75 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again put the bait. For better control continue it for 7 days and also perform cooperatively with other farmers (Note: insecticide is not under label claim).
Jackfruit	--	<ul style="list-style-type: none"> For above five year old jackfruit tree, apply 20 kg well decomposed F.Y.M. along with 1 kg urea, 1.5 kg single super phosphate and 500 gm muriate of potash in circular basin. Apply 1/5th, 2/5th, 3/5th and 4/5th of above-mentioned fertilizer dose per tree for 1,2,3 and 4-year-old jackfruit orchard, respectively.
Aonla		<ul style="list-style-type: none"> For fully grown tree of aonla, apply 10 kg well decomposed F.Y.M. along with 500 gm urea, 1.5 kg single super phosphate and 400 gm muriate of potash in circular basin.
Brinjal	Transplanting	<ul style="list-style-type: none"> If seedlings of brinjal crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 X 60 cm. Dip the seedling for 5 minute in Dimethoate solution @ 1ml per liter of water before transplanting. Apply fertilizer dose of 8 tonne of FYM/Compost, 43 kg urea, 125 kg single super phosphate and 33 kg of muriate of potash per acre at the time of transplanting
Chilli	Transplanting	<ul style="list-style-type: none"> If seedlings of chilli crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 X 60 cm. Dip the seedling for 5 minute in Dimethoate solution @ 1ml per liter of water before transplanting. Apply fertilizer dose of 8 tonne of FYM/Compost, 86 kg urea, 125 kg single super phosphate and 33 kg of muriate of potash per acre at the time of transplanting.
Okra	Sowing	<ul style="list-style-type: none"> Carryout sowing operation of okra on ridges and furrow having spacing of 60 x 60 cm. Apply 15 tonne of FYM, 72 kg urea, 313 kg single super phosphate and 83 kg muriate of potash per hectare.

Cucurbitaceous crops	Sowing	<ul style="list-style-type: none"> • If there is time gap for reestablishment of coconut and arecanut orchard disturb by nisarg cyclone, It is advise to cultivate cucurbitaceous vegetable crops like cucumber, musk melon, snake gourd, ridge gourd, bitter gourd etc. crops with spacing of 1.5 m x 1 m, Apply 2 kg well decomposed FYM or compost alongwith 50 to 60 g mix fertilizer (Suphala) per vine at the time of sowing. • Proper support should be given to cucurbitaceous crops which are in growing stage.
<p>Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.</p>		
<p>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		