



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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Duration – 5 days

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Significant past weather for the preceding week (Period –22/06/2019 to 28/06/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 03/07/2019				
22/06	23/06	24/06	25/06	26/06	27/06	28/06		29/06	30/06	01/07	02/07	03/07
1.4	2.5	10.0	8.8	0.0	34.0	206.2	Rainfall (mm)	122	84	76	60	62
31.5	31.0	30.0	30.0	31.0	31.0	26.0	Maximum temperature (°C)	29	30	30	30	30
25.0	25.0	24.0	24.6	25.5	24.5	23.0	Minimum temperature (°C)	24	25	25	25	25
6	6	6	6	4	6	6	Cloud cover (Octa)	8	8	8	8	8
86	97	92	93	92	98	100	Relative Humidity Max. (%)	93	93	91	91	92
72	82	98	78	90	98	-	Relative Humidity Min. (%)	86	89	84	74	78
4.0	4.0	2.1	2.5	4.6	5.0	7.0	Wind speed (Km/hr)	14	12	11	6	7
SW	SW	W	SW	SW	W	W	Wind direction	WSW	W	W	SSW	S
Rainfall (mm) in last week				Weekly normal rainfall (mm)			Rainfall (mm) from 01/01/2019 to till dated			Total Rainfall (mm) in last year		
262.9				244.1			531.5			3071.8		

**Agro-met Advisory**

**There is possibility of moderate to heavy rainfall from 29<sup>th</sup> June to 3<sup>rd</sup> July, 2019 and wind velocity ranges from 6 to 14 Kmph. Extended range rainfall forecast for Konkan division for the period of 20<sup>th</sup> June to 27<sup>th</sup> June, 2019 is above normal.**

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Seedling</b>	<ul style="list-style-type: none"> <li>For preparation of main field for rice, carryout ploughing on moist soil after receiving of rain and incorporate 7.5 tonne FYM or compost per hectare at the time of ploughing.</li> <li>Repair the bunds of rice field.</li> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from rice nursery.</li> <li>Prepare field for transplanting by puddling. At the time of puddling apply 87kg 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.</li> <li>Rice seedling with 5 to 6 leaves with height of 12 to 15 cm and 20 to 27 days old are consider ideal for transplanting. It is recommended to transplant 20 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties.</li> <li>Transplant 2-3 rice seedling 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.</li> <li>For control of crabs from rice field,use bait made up of 1 kg of cook rice and 75 gm of insecticide Acephate 75WP. Prepare 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 use the same bait.</li> </ul>
<b>Finger millet</b>	<b>Nursery</b>	<ul style="list-style-type: none"> <li>If water stress is observed in finger millet nursery, then provide irrigation.</li> <li>Apply 1 kg urea per guntha 15 days after sowing of finger millet nursery.</li> </ul>
<b>Sapota</b>	-	<ul style="list-style-type: none"> <li>There is possibility for fruit drop due to fungal disease during rainy season, to control the fruit drop, spray 1% bordomixture on to tree.</li> </ul>
<b>Vegetable/fruit crop nursery</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>If water stress is observed in vegetable nursery, then provide irrigation.</li> <li>If seedlings of brinjal and chill 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 (for brinjal) 86 kg urea (for chilli), 125 kg single super phosphate and 33 kg of muriate of potash per acre at the time of transplanting. Provide irrigation immediately after transplanting.</li> </ul>
<b>Poultry</b>	-	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to poultry birds also maintain good aeration in poultry shed.</li> </ul>

**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.**