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ICAR - National Research Centre on Pomegranate
 (ISO 9001:2015 Certified Institute)



Pomegranate Advisory for April-May

Crop/Bahar Taken	MrigBahar/Early MrigBahar (June-July Flowering)	Hast Bahar/Late Hast (Sep-October Flowering)	AmbeBahar (February-March Flowering)
Current Stage of Orchard	Under Rest or Stress	Harvesting/ about to harvest	Flowering/early fruit setting
Horticultural Practices Required	<p>For plants under rest give light irrigation to utilize basal fertilizer dose applied after harvest and main pruning done in Jan/Feb</p> <p>Stop irrigation 1-2 months (depending on soil type) before crop regulation</p> <p>Take 1% Bordeaux spray every 15 days</p> <p>Stem Borer may be an issue because of dry period so treat the holes by injecting with dichlorvos 76 EC@10 ml /l and seal holes with clay</p> <p>If manpower is not a problem after harvest paint the stem with red soil stem paste (10 liters of water + 4 kg red soil + 20 ml of chlorpyrifos 20 EC + 25g of copper oxychloride 50% WP)</p>	<p>Light irrigation to avoid cracking, if fruits are ready for harvesting</p> <p>Harvest fruits as soon as they mature, delay in harvesting leads to fruit cracking and aril browning.</p> <p>Soon after harvest go for main pruning and apply manures, chemical fertilizers and bioformulations as detailed in Nutrient Management Schedule 2019 available on NRCP website</p>	<p>Flowering stage (20-50 days after defoliation)</p> <p>Foliar application of NAA (4.5%) @ 45 ml per 200 l water</p> <p>Foliar application of micronutrient mixture @ 1.0-1.5 kg ha⁻¹</p> <p>Start of fruit setting stage (50-80 days after defoliation):</p> <ul style="list-style-type: none"> • Fertigate N:P₂O₅:K₂O::00:52:34 (Mono-Potassium Phosphate) @ 8.5 kg/ha/application -Give 3 applications at 7 days interval through irrigation followed by • Fertigation with N:P₂O₅:K₂O::00:52:34 (Mono-Potassium Phosphate), urea and 0-0-50 @ 8.50, 22.50 and 16.30 kg/ha/application respectively -Give 5 applications at 7 days interval through irrigation • Apply Gypsum @ 1.70- 1.80 kg /tree and MgSO₄ @ 700 -800 g/tree followed by thorough mixing with the soil and watering. • Take a foliar spray of micronutrient (Fe, Mn, Zn, Cu and B) @ 1.0-2.5 g/l depending on formulation followed by two sprays of gibberellic acid @ 50 ppm at 15 days interval. • Take 0.5% Bordeaux mixture or copper fungicide spray once a month. Need based insecticide and fungicide sprays may be taken as per IDIPM Schedule on website.

For detailed schedules available on nrcpomegranate.icar.gov.in

Nutrient Management Schedule 2019 in English (<http://nrcpomegranate.icar.gov.in/files/Advisory/41.pdf>)

Nutrient Management Schedule 2019 in Marathi (<http://nrcpomegranate.icar.gov.in/files/Advisory/36.pdf>)

Adhoc list of chemicals with PHI (<http://nrcpomegranate.icar.gov.in/files/Advisory/30.pdf>)

Mitigating effects of rising temperature in English (<http://nrcpomegranate.icar.gov.in/files/Advisory/21.pdf>)

Mitigating effects of rising temperature in Marathi (<http://nrcpomegranate.icar.gov.in/files/Advisory/22.pdf>)

Promising mulches (<http://nrcpomegranate.icar.gov.in/files/EPublication/4.pdf>)

Wilt advisory in Marathi Link (<http://nrcpomegranate.icar.gov.in/files/Advisory/34.pdf>)

Wilt advisory in English (<http://nrcpomegranate.icar.gov.in/files/Advisory/28.pdf>)

IDIPM Schedule (<http://nrcpomegranate.icar.gov.in/files/Advisory/12.pdf>)

Frequently asked questions in Marathi (<http://nrcpomegranate.icar.gov.in/files/faq/FAQ%20Marathi.pdf>)

Frequently asked questions in Hindi (<http://nrcpomegranate.icar.gov.in/files/faq/FAQs%20Hindi.pdf>)

Frequently asked questions in English (<http://nrcpomegranate.icar.gov.in/files/faq/FAQ%20English.pdf>)

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