

Wheat Recommendation released in last 10 years

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Where, FN, FP ₂ O ₅ and FK ₂ O are fertilizer N, P ₂ O ₅ and K ₂ O in Kg harespectively, T is yield target q ha ⁻¹ for wheat and SN, SP, and SK are soin available N, P and K kg ha ⁻¹ respectively. FYM is Farm Yard manure in t ha ⁻¹ The replacement of 30 per cent wheat flour with the flour of high iron content Dhanshakti pearl millet for making iron rich sponge cake is recommended. The application of elemental sulphur @ 20 kg ha ⁻¹ mixed with FYM one month before sowing of soybean along with recommended dose of fertilizer to sulphut deficient soils of Sub montane Zone of Maharashtra is recommended for higher yield and returns of soybean-wheat cropping sequence. Recommended fertilizers Basal dose of wheat; FYM @ 5t ha ⁻¹ + 120:60:40 N: P ₂ O ₅ :K ₂ O kg ha ⁻¹ Seed treatment of wheat with Azotobacter chroococcum and PSB (each 25 g kg ⁻¹) The application of general recommended dose of wheat (120:60:40 N:P ₂ O ₅ :K ₂ O kg ha ⁻¹ and FYM @10 tha ⁻¹) with soil application of incubated ferrous sulphate @10 tha ⁻¹ and FYM @10 tha ⁻¹) with soil application of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of incubated ferrous sulphate @20 tha first part of the second supplication of the second supplication of the second supplication
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Kg na and i i w (w) io ma j with son application of incubated fellous sulphate (a
20 kg ha ⁻¹ (incubated in 100 kg FYM for 15 days) is recommended for highe
yield, returns and iron availability in iron deficient soils of Plain zone of Western
Maharashtra.
10 Seed treatment with thimethoxam 30 % FS @ 7.50 ml /10 kg wheat seed a
preventive measure is recommended for the control of wheat aphids, jassid and
shoot fly.
11 The tables developed by Mahatma Phule Krishi Vidyapeeth for Tahsils of Western
Maharashtra are recommended for estimating weekly water and irrigation
requirement of wheat (normal, early and late sowing) by surface and sprinkle
methods. Further, the maps developed in Geographical Information System (GIS are recommended for estimating weekly water and irrigation requirement by
surface and sprinkler methods.
12 The adoption of wheat growers about <i>Samadhan</i> variety suitable for timely and
late sown conditions and <i>Netravati</i> variety suitable for restricted irrigation
conditions is low due to unavailability of seed inspite of having knowledge and
preference. Large scale seed production programme for increasing availability o
seed is recommended for increasing adoption.
2014-15 13 Molecular markers csLV34 and cssfr5 either individually or in combination are
recommended for detection and rapid screening of leaf rust resistance gene Lr34 in
aestivum (bread) wheat improvement programmes.
2013-14 14 Application of recommended dose (120:60:40 NPK kg /ha) in water soluble form
through drip in 12 weekly splits as per given schedule alongwith 3 foliar sprays o
2 % urea phosphate at 30, 45 and 60 DAP is recommended for higher yield
efficient water and nutrient use for wheat in medium deep black soils.
Fertilizer Schedule Per cent nutrients to be applied in 12 weekly splits
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		1. Soaking wheat for 3 days, boiling in water containing NaHCO ₃ + salt 1.5%
		each for 60 min and drying to 12-14 % moisture.
		2. Popping of pretreated wheat at 220 to 240°C.
		3. The snack (<i>Chiwada</i>) prepeared by using pops, packed in polythelene bags can be stored at ambient condition for one month.
	16	Temperature Induction Response (TIR) with comparative analysis of
		biochemical parameters identified wheat cultivar NIAW -917 as a thermotolerant
		cultivar and be used in further breeding programme for abiotic stress management
2012-13	17	1 &
		productivity and profitability with maintaining soil health, the soybean-onion
		cropping system is recommended over pear millet-wheat cropping system under
		irrigation condition and soybean-chickpea under limited irrigation is
	- 10	recommended.
	18	
		recommended dose of fertilizer along with the foliar spray of 2 % 19:19:19 NPK
		water soluble fertilizer grade or 2 % DAP at 55 and 70 days after sowing is
		recommended.
		Improved Technology: For timely sown wheat crop 120:60:40 and for late sown wheat crop 90:60:40 NPK kg ha ⁻¹ , foliar spray of 2 % concentration i.e. 200 g
		19:19:19 NPK water soluble fertilizer grade or DAP in 10 litre of water.
	19	
		recommended under limited water availability for obtaining higher wheat yield.
2011-12	20	
		at 15 cm distance between two rows and 30 cm between paired rows along with
		70:35 Kg ha-1 N:P2O5 in the form of briquettes (2.7 g briquette) placement at 30
		cm distance in paired rows at 10 cm depth, 10 days after germination is
		recommended for obtaining higher monetary returns of wheat on Vertisols of Plain
		Zone of Western Maharashtra.
	21	
		thereafter) either Metarhizium anisopliae or Verticillium lecanii 1.15% WP @
	22	40g/10 liter of water are recommended for the control of wheat aphids.
	22	The seed treatment of deltamethrin 2.8 EC @ 4 ml or lufenuron 5 EC @ 10 ml or
		emamectin benzoate 5SG @ 4g mixed in 500 ml of water or diatomaceous earth + MgSO4 each @ 500g per 100 kg of seed is recommended for control of storage
		insect pest (<i>Rhyzopertha dominica</i>) and for maintaining the wheat seed
		germination above seed certification standards (85%) upto 9 months of storage.
2010-11	23	Adoption of integrated nutrient management with application of FYM @ 3.75
		t/ha.+ Vermi compost @1.25 t/ha along with 75% recommended dose of chemical
		fertilizers for both the crops i.e. Soybean (37.50: 56.25 kg/ha NP) and Wheat
		(90:45:30 kg/ha NPK) is recommended to obtain the higher wheat equivalent yield
		of soyabean-wheat system.
	24	
		cash crops (soybean, pre-seasonal sugarcane + potato) on 0.60 ha, seasonal crops
		(Soybean/bajara/green gram/onion, rabi sorghum/wheat/chickpea and cowpea on
		0.25 ha, fodder crops (jowar/maize on 0.44 ha), perennial grasses (0.10 ha), on
		0.14 ha and cattle shade for one crossbred cow on 0.01 ha area is recommended for
		getting sustainable income from 1.00 ha, irrigated area in scarcity zone of
		Maharashtra.



25	Two sprays of thiamethoxam (25 WG) @ 1g or acetamiprid (20 SP) @ 5 g/10
	litres of water at an interval of 15 days are recommended for the management of
	aphid as and when the infestation of wheat aphid is noticed.
26	Soybean – Wheat cropping sequence in deep black soils of plain zone of Western
	Maharashtra, the application of 50 % recommended dose of N through chemical
	fertilizers + 50 % N through FYM along with the P ₂ O ₅ and K ₂ O to both the crops
	for higher yield, monitory returns and to sustain soil fertility is recommended.
27	Under irrigated condition of plain zone of Western Maharashtra the Groundnut
	(kharif) – wheat (rabi) – coriander (summer) crop sequence is recommended with
	application of 2/3 and 1/3 recommended dose of nitrogen to groundnut crop, 1/3
	and 2/3 dose of nitrogen for wheat crop should be given through FYM and
	chemical fertilizers respectively and for coriander crop recommended dose of
	fertilizer through chemical fertilizers should be applied for obtaining higher
	monetary returns.
	26