

## **Paddy** Recommendation released in last 10 years

	1	
2019-20	1	In sub montane zone of Maharashtra, to obtain the higher returns of transplanted
		summer paddy following package of practice is recommended.
		> Line sowing of seeds of variety Phule Samruddhi in first fort night of
		December on raised bed in nursery.
		<ul> <li>Transplanting of 25-30 days old, 2-3 seedlings per hill at 15-25 x 15-25 cm</li> </ul>
		distance as controlled transplanting.
		Application of 170 Kg Urea -DAP briquette $(60:30:0) + 50$ Kg K <sub>2</sub> O or 125 Kg
		N: 62.5 Kg P <sub>2</sub> O <sub>5</sub> : 62.5 Kg K <sub>2</sub> O through straight fertilizer per hectare.
	2	Since, 1996-97 to 2015-16, the increase in Minimum Support Prices (MSPs) of
		Bajra, Paddy and Wheat were less than the increase in inputs prices by 23, 27 and
		48 per cent, respectively. Therefore, it is recommended that there is need to
		maintain the parity between Minimum Support Prices (MSPs) and input prices in
		order to safeguard the interest of cereal producers of Maharashtra.
2018-19	3	The increase of 16 and 26 per cent in employment, 15 and 26 per cent in the
		output, 12 and 29 percent in income levels while reduction of 4 and 7 per cent in
		the per quintal cost of cultivation in medium over low and high over medium
		adoption group, respectively was the result of adoption of recommended package
		of practices for <b>paddy</b> cultivation. For the cost reduction and output maximization,
		it is recommended that the farmers shall adopt the recommended package of
		· · ·
		practices.
2017-18	4	The pre emergence application of 1500 ml Pretilachlor 30.7 % EC per hectare
		within 2 to 3 days after sowing and post emergence application of 70g
		azimsulfuron 50% DF @ 0.035 kg per hectare at 25 days after sowing in 500 liters
		of water is recommended for effective control of weeds and higher economical
		returns in drilled paddy cultivation of Sub Montane Zone of Maharashtra
	5	The post emergence application of 200 ml Bispyribac Sodium 10% SC per hectare
		in 500 liters of water at 15-20 days after transplanting with one hand weeding at
		45 days after transplanting is recommended for effective control of weeds and
		higher economical returns in transplanted paddy of Sub Montane Zone of
		Maharashtra
	6	A module for integrated management of sheath blight and stem rot of paddy is
		recommended as below.
		> Seed treatment with carbendazim 50% WP @ 3 g followed by <i>Trichoderma</i>
		<i>harzianum</i> + <i>Pseudomonas fluorescens</i> mixture $(a)$ 5 g each kg <sup>-1</sup> seed.
		<ul> <li>Soil application of Trichoderma harzianum + Pseudomonas fluorescens</li> </ul>
		••
		@ 25 g each + Rice <i>palinj</i> (i.e. empty glumes) ash @ 100 kg / R in nursery.
		➤ Recommended dose of fertilizers i.e. RDF (NPK: 100:50:50 kg/ha) with or
		without use of briquettes.
		▶ Three sprays of <i>Pseudomonas fluorescens</i> (0.2%) at 25, 35 and 45 days after
		transplanting.
		<ul> <li>Need based 1 to 2 sprays of propiconazole 25 % EC @ 10 ml / 10 L water at</li> </ul>
		15 days interval if incidence of sheath blight and/or stem rot disease is
		noticed.



	7	1	0				0	nedium adoption	
		group, respectively in employment, production, income levels and reduction in per							
		quintal cost was the result of adoption of recommended package of practices of							
		MPKV, Rahuri for major cereals is as below							
		(Figures in Per-cent)							
		Cuon	Technolog	зy	Iı	ncrease in	Reduction in Cost of		
		Crop	Adoption Group		Employment	Production	Income	cultivation	
			Medium over 1	Low	16	15	12	4	
		Paddy	High over Med		26	26	29	7	
		Wheat	Medium over 1	Low	19	24	27	4	
		wheat	High over Mee		27	38	29	19	
		Rabi	Medium over 1		10	13	9	2	
		Jowar	High over Med		24	56	47	9	
		Bajra	Medium over l		27	28	16	11	
			High over Mee		31	34	. 19	19	
								nended that the	
			farmers needs to adopt the recommended package of practices of Paddy, Wheat,						
	0		rghum and Ba					anta 1 in Callera	
	8							opted in College	
								nonstrations and	
								d in other paddy	
2016-17	9				adoption of rec				
2010-17	9							n in transplanted	
		paddy cultivation of submontane and ghat zone of Maharashtra, for sustainable							
		economical yield, following nursery and transplanting management is recommended.							
		1) In the paddy nursery, raised beds of 1 m breadth, 15 cm height and as per the length required are prepared.							
		-	2) The sowing of seeds should be carried out in the line as per the commencement						
		of rai	<u> </u>				and point and	• • • • • • • • • • • • • • • • • • • •	
		For transplanting, the age of the seedling should be up to 25 days old.							
		Sowing the seeds in the nursery Transplanting the seedlings in the field							
		First week of June Fourth week of June							
		Third week of June Second week of July							
	10								
		4.3 t rice husk before transplanting along with GRD (10 tonnes FYM ha <sup>-1</sup> , 56 kg							
		N & 30 kg $P_2O_5$ through Urea-DAP briquettes & 50 kg $k_2O$ ha <sup>-1</sup> ) is recommended							
		for higher yields & monetary returns of lowland paddy in Western Ghat Zone of							
		Maharashtra. It is recommended to transplant paddy from 2 <sup>nd</sup> fortnight of June to 2 <sup>nd</sup> fortnight of J							
	11			-		-		_	
						*		licated below for	
		management of leaf and neck blasts, sheath rot, brown spot and seed discolourat							
		diseases and thereby increasing the grain and straw yields as well as monetary return					· · · · · ·		
		Spra		oot an	Crop stage	ing stage		r transplanting	
		Firs			bearance in tiller	ing stage		o 35 days	
		Second         Sheath formation stage         55 to 60 days           Third         Deniale emergence stage         70 e 75 days							
		ThirdPanicle emergence stage70 o 75 days				15 uays			



2015-16	12	The application of Urea-DAP and MOP briquettes, (56:30:30 N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O kg ha <sup>-1</sup> ;									
		220 kg briquettes ha <sup>-1</sup> ) after transplanting is recommended for higher yield and returns of lowland paddy in Western <i>Ghat</i> Zone of Maharashtra.									
	12										~~~~1
	13	The applicati recommended	on of t	orax	(a) > 1	xg ha a $a$	t the the the the the the the the the th	me of tran	isplanti	lng with	general
		Urea-DAP bi									
		deficient soils									
		of lowland pa			Gride				inghior j	, ioia alla	10001115
	14	Drip irrigatio		n 100	% E	Tc wate	r at al	ternate da	ay wit	h fertigat	tion of
		recommended									
		soluble fertili	zers in	12 w	eekly	splits as	per foll	owing sch	nedule	is recom	nended
		for higher pr									direct
		seeded paddy							harasht	ra.	
		Irrigation qu							•	<u>\</u>	
			S. N.	Mon	th \	<i>W</i> ater req		nt (lit/day/	emitter	rs)	
			1	June				.7			
			2	July				2.5			
			3	Augu				2.9			
			4	Sept				2.5	_		
			5	Octo	ber		2	2.7			
		Fertilizer Scl	hedule	Per c	ent nı	itrients t	o be ap	plied in 1	2 week	dy splits	
					7	ogen (N)	, î	horus (P)	C	sium (K)	1
		Days	after sc	wing	%	Kg/ha	%	Kg/ha	%	Kg/ha	]
		01-21	(3  wee)	eks)	40	48	40	24	35	21	
			(3 wee	/	30	36	30	18	25	15	
			(3  wee)	/	15	18	20	12	25	15	
			(3  wee)	eks)	15	18	10	06	15	09	
		Total			100	120	100	60	100	60	
2014-15	15	The pre eme	-		-			•			<u> </u>
		0.150 kg a.i./			-		-	-	-		
		20 g ready mix of metsulfuron methyl 10% + chlorimuron ethyl 10% WP @ 0.004kg a.i./ha at 25 days after sowing in 500 liters of water is recommended for									
		effective control of weeds and higher economical returns in drilled paddy of Sub									
		montane Zone of Maharashtra									
	16										
		chlorimuron ethyl 10% WP @ 0.004 kg a.i./ha in 500 liters of water at 15-20 days									
		after transplanting with one hand weeding at 45 days after transplanting is recommended for effective control of weeds and higher economical returns in									
		transplanted p						-	econo	mical ret	urns in
2013-14	17	The drilling							lication	n of 75 n	er cent
	- /										
		recommended dose (75: 37.5: 37.5 NPK kg per hectare = 130.5 kg Urea, 82.5 kg DAP and 62.25 kg MOP per hectare) through 2.7 gram briquette of Urea-DAP-									
		MOP (1,01,944 briquettes per hectare) each at 16 cm distance in alternate row at 5-									
		7 cm depth is recommended for higher economical yield of drilled paddy cultivation in Sub-montane Zone of Maharashtra.									
		cultivation in	Sub-m	ontane	Zone	of Maha	rashtra.				



	18	Pre emergence application of 15 milliliter oxyflourfen 23.5% EC per 10 liters of water within two-three days after sowing for control of weeds in paddy nursery is recommended for Submontane Zone of Maharashtra.
2011-12	19	In Western Ghat Zone of Maharashtra for obtaining maximum monetary benefits under receding soil moisture condition in relay cropping after paddy, sowing of Linseed with 75 % of recommended dose of fertilizer (19.00: 38.00: 00 kg N and P ha-1) is recommended.
2009-10	20	Transplanting of paddy seedlings at two leaves stage (14 days old) is recommended for sub mountane zone of Maharashtra for higher yield and monetary returns.