

# Mahatma Phule Krishi Vidyapeeth, Rahuri

Information about Crop wise Improved / Hybrid Varieties Developed by University

# Improved / Hybrid Varieties of Wheat

# N-5439 [Triticum aestivum]

Service of the servic	Release year	1972
	Name of Institute / University	Agricultural Research Station, Niphad
<b>全球系统等级条件实现</b>	Soil type	Medium Soil
	Climate	Cool and dry
30000000000000000000000000000000000000	Sowing Time /	Second Fortnight of October
	Planting period	
Seed Rate (Per acre)	30 kg/Acre	
Crop duration	Early Maturity (110 days)	
Productivity	5 - 6 qt./Acre under rainfed condition	
	1) Recommended for rainfed conditions of Peninsular Zone	
Characters / features	2) Drought and heat tolerant	
Characters / Teatures	3) Excellent for <i>chapati</i>	
	4) Tolerant to aphids	
Remark	Suitable for Rainfed condition	

### NI-5643 [Triticum aestivum]

	Release year	1973
Bush Wash	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium to Heavy Soil
	Climate	Cool and dry
	Sowing Time / Planting period	1 <sup>st</sup> Fortnight of November
Seed Rate (Per acre)	40 kg/Acre	
Crop duration	Medium Maturity (120-125 days)	
Productivity	10 - 12 qt./acre	
	1) Recommended for timely sown irrigated conditions o	
Characters / features	Maharashtra State	
Characters / Teatures	2) Better <i>chapati</i> quality	
	3) Tolerant to aphids	
Remark	High yielding variety under timely sown irrigated condition	



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# N-5749 [Triticum durum]

	Release year	1975
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN T	Name of Institute / University	Agricultural Research Station, Niphad
<b>全国的</b> 企业工艺。德	Soil type	Medium Soil
	Climate	Cool and dry
	Sowing Time /	Second Fortnight of October
Carle Sales	Planting period	
Seed Rate (Per acre)	30 kg/Acre	
Crop duration	Early Maturity (110 days)	
Productivity	4 - 5 qt./acre under rainfed conditions	
	1) Recommended for rainfed conditions of Maharashtra State	
Characters / features 2) Non-waxy, tall type		pe
	3) Tolerant to aphids	
Remark	High yielding variety under rainfed condition	

# Vinata [N-8223] [Triticum aestivum]

AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS	Release year	1985
	Name of Institute / University	Agricultural Research Station, Niphad
<b>为</b> 发生的一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	Soil type	Medium Soil
	Climate	Cool and dry
	Sowing Time / Planting period	Second Fortnight of October
Seed Rate (Per acre)	30 kg/Acre	
Crop duration	Early Maturity (110 days)	
Productivity	5 - 6 qt./acre	
Characters / features	<ol> <li>Recommended for rainfed conditions of Maharashtra State</li> <li>Erect type with broad leaves</li> <li>Better <i>chapati</i> quality</li> </ol>	
	<ul><li>4) Tolerant to aphids</li><li>5) Tolerant to rust</li></ul>	
Remark	High yielding variety under rainfed condition	



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### Niphad (NIAW-34) [Triticum aestivum]

	Release year	1995
	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium Soil
	Climate	Cool and dry
	Sowing Time / Planting period	1 <sup>st</sup> Fortnight of December
Seed Rate (Per acre)	50 kg/Acre	
Crop duration	Early Maturity (105-110 days)	
Productivity	14 - 16 qt./acre	
Characters / features	<ol> <li>Recommended for late sown irrigated conditions of Peninsular Zone</li> <li>Medium size grain</li> <li>Tolerant to aphids</li> <li>Resistant to Black and Brown rust</li> <li>Protein content more than 13 %</li> </ol>	
Remark	Best for <i>chapati</i> quality	

# Kadava (NI-9947) [Triticum aestivum]

The second second	Release year	1995
	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium Soil
	Climate	Cool and dry
	Sowing Time / Planting period	1st fortnight of December
Seed Rate (Per acre)	50 kg	
Crop duration	Early Maturity (90-105 days)	
Productivity	10-12 quintals/ acre	
Characters / features	<ol> <li>Recommended for late sown irrigated conditions of Maharashtra State</li> <li>Better chapati quality</li> <li>Tolerant to aphids, Resistant to Black and Brown rust</li> <li>Protein content 13.8 %</li> </ol>	
Remark	High yielding variety under late sown condition	



### Trambak (NIAW-301) [Triticum aestivum]

	Release year	2001
MANAGANAMA	Name of Institute / University	Agricultural Research Station, Niphad
<b>於於自身持有為自</b>	Soil type	Medium to heavy Soil
<b>和图</b> 是各个图	Climate	Cool and dry
<b>为是</b>	Sowing Time / Planting period	1 <sup>st</sup> Fortnight of November
Seed Rate (Per acre)	40 kg/Acre	
Crop duration	Medium Maturity (110-115 days)	
Productivity	16 - 18 quintals/acre	
	Recommended for irrigated timely sown conditions of Maharashtra State     Medium sized grains	
Characters / features	3) Best <i>chapati</i> quali	
	4) Tolerant to aphids	
	5) Resistant to rust	
	6) Protein content 12 %	
Remark	Highly accepted by the farmers	

### Panchavati [NIDW-15] [Triticum durum]

200	Release year	2002
A A De Maria A Company	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium to heavy Soil
	Climate	Cool and dry
	Sowing Time / Planting period	Second Fortnight of October
Seed Rate (Per acre)	30 kg/Acre	
Crop duration	Early Maturity (105 days)	
Productivity	5 - 6 qt./acre	
Characters / features	<ol> <li>Recommended for rainfed conditions of Maharashtra State</li> <li>Bold attractive shining grains</li> <li>Best suitable for macroni making</li> <li>Tolerant to aphids</li> <li>Resistant to rust</li> </ol>	
Remark	Best durum variety under rainfed condition	



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# Godavari [NIDW-295] [Triticum durum] (Processing Purpose)

	Release year	2005
WHATEVALORIAN ARESTO	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium to heavy Soil
<b>发展的图像图像图像</b>	Climate	Cool and dry
<b>多种是是他们</b>	Sowing Time / Planting period	1 <sup>st</sup> Fortnight of November
Seed Rate (Per acre)	40 kg/Acre	
Crop duration	Medium Maturity (110-115 days)	
Productivity	18 - 20 qt./acre	
Characters / features	<ol> <li>Recommended for irrigated timely sown conditions of Maharashtra State</li> <li>Bold attractive shiny grains</li> <li>Best suitable for macroni making</li> <li>Tolerant to aphids</li> <li>Resistant to rust</li> <li>Protein content 12 %</li> </ol>	
Remark	Best durum variety for process industry.	

### Tapovan [NIAW-917] [Triticum aestivum]

The second second second	Release year	2005
Charles Alexand	Name of Institute / University	Agricultural Research Station, Niphad
<b>有</b> 可以是在公司。	Soil type	Medium to heavy Soil
	Climate	Cool and dry
<b>多的风景高温度</b> 显显	Sowing Time /	1 <sup>st</sup> Fortnight of November
	Planting period	
Seed Rate (Per acre)	40 kg/Acre	
Crop duration	Medium Maturity (110-115 days)	
Productivity	18 - 20 quintals/acre	
Characters / features	1) Recommended for irrigated timely sown conditions of Maharashtra State 2) Medium size grains 3) Best for <i>chapati</i> making 4) Tolerant to aphids 5) Resistant to rust 6) Protein content more than 12.5 %	
Remark	Best high yielding variety under timely sown irrigated condition	



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# Netravati [NIAW-1415] [Triticum aestivum]

	Release year	2010
ALL MICH A.	Name of Institute / University	Agricultural Research Station, Niphad
	Soil type	Medium to heavy Soil
THE ROLL IN THE PARTY OF THE	Climate	Cool and dry
<b>的性质</b>	Sowing Time / Planting period	Second Fortnight of October (Rainfed) First week of November (Restricted Irrigated)
Seed Rate (Per acre)	30 kg/Acre (Rainfee	d), 40 kg/Acre (Restricted Irrigated)
Crop duration	105 - 110 days (Rainfed), 110 - 115 days (Restricted Irrigated)	
Productivity	6-8 qt./ acre (Rainfed), 10-12 qt./ acre (Rest. Irrigated)	
Characters / features	<ol> <li>Recommended for rainfed and restricted irrigated conditions of Peninsular Zone</li> <li>Medium size grains</li> <li>Best for <i>chapati</i> making</li> <li>Tolerant to aphids</li> <li>Resistant to black and brown rust</li> <li>Protein content more than 12 %</li> <li>It has enriched with micronutrients like Iron (Fe) 48.4 ppm, Zinc (Zn) 33.4 ppm, Copper (Cu) 5.99 ppm, Manganese (Mn) 38.6 ppm</li> </ol>	
Remark	This variety gives better yield under favorable conditions.	

### Phule Samadhan [NIAW-1994] [Triticum aestivum]

I have burnarian [141111 1221] [17466411 Westermin]		
NIAW-1994	Release year	2014
	Name of Institute /	Agricultural Research Station,
	University	Niphad
A.C. Admirit in the second	Soil type	Medium to heavy Soil
MALLA A A A A	Climate	Cool and dry
<b>种类导致在公共</b> 制	Sowing Time /	1 <sup>st</sup> fortnight of November (Timely)
	Planting period	1 <sup>st</sup> fortnight of December (Late)
Seed Rate (Per acre)	40 kg/Acre (Timely sown), 50 kg/Acre (Late sown)	
Crop duration	115-120 days (Timely sown), 105-110 days (Late sown)	
Productivity	18-20 qt./ Acre (Timely sown), 16-18 qt./ Acre (Late sown)	
	1) Recommended for timely sown and late sown irrigated conditions of Maharashtra State.	
	2) Bold size grains	
Characters / features	3) Best for <i>chapati</i> make	ing
	<ul><li>4) Tolerant to aphids</li><li>5) Highly Resistant to rust</li></ul>	
	6) Protein content more than 12 %	
Remark	Best high yielding variety widely accepted by farmers.	



# Phule Satwik (NIAW-3170)

	Release year	2020	
	Name of Institute /	Agricultural Research Station,	
	University	Niphad	
	Soil type	Medium to heavy Soil	
多 图 图 图 图 图 图 图 图 图 图	Climate	Cool and dry	
<b>一种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种种</b>	Sowing Time /	1 <sup>st</sup> fortnight of November	
	Planting period	1 Torungut of November	
Seed Rate (Per acre)	40 kg/acre		
Crop duration	115-120 days		
Productivity	35-40 qt./ha. under restricted irrigated conditions		
Characters / features	Protein content 11-12 %, Softness of grain: 30-45 % (Very		
	low), Bread quality score: 7.0 to 7.5, Gluten index: 80-85 %,		
	Chapati quality score: 7.0 to 7.5, Fe content: 30-40 ppm,		
	Zn content: 30-35 ppm, resistant to rust		
Remark	Best for biscuit purpose, biscuit spread factor: > 10		

# Phule Anupam (NIAW-3624)

	Release year	2021
	Name of Institute /	Agricultural Research Station,
	University	Niphad
	Soil type	Medium to heavy Soil
	Climate	Cool and dry
	Sowing Time / Planting period	1 <sup>st</sup> fortnight of November
Seed Rate (Per acre)	40 kg/Acre	
Crop duration	105-110 days	
Productivity	30-35 qt./ ha. under one irrigation	
Characters / features	Protein content 11.4 %, attractive bold grains, resistant to rust,	
	good for chapatti, resistant to water stress condition	
Remark	Recommended for cultivation in Maharashtra under timely	
	sown restricted irrigation conditions	