# Improved / Hybrid Varieties of Oilseeds

### **Groundnut – Karad-4-11**

	Release year	1939
मुर्देशयोगे हुआतित प्रधार	Name of Institute /	Govt. of Maharashtra
	University	Govt. of Manarashira
	Soil type	
3 2 8308	Climate	
	Sowing Time /	First week of June to July second week
	Planting period	First week of June to July second week
KARAD 4-11	Seed Rate (Per acre)	40 kg
	Crop duration	135-140 days
Productivity	20-25 q/ha	
Characters / features		

### **Groundnut – S.B.-11**

	Release year	1965
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	Medium to light
	Climate	Kharif / Summer
	Sowing Time /	Kharif: 15 <sup>th</sup> June to 15 <sup>th</sup> July
SB-XI	Planting period	Summer: 15 <sup>th</sup> Jan. to 15 <sup>th</sup> Feb.
	Seed Rate (Per acre)	40-50 kg
	Crop duration	105-110 days
Productivity	20-25 q/ha	
Characters / features	Drought tolerant, wider adaptability, high shelling percentage	

# **Groundnut – JL-220 (Phule Vyas)**

	Release year	1965
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	medium to light
	Climate	Kharif
	Sowing Time / Planting period	15 <sup>th</sup> June to 15 <sup>th</sup> July
	Seed Rate (Per acre)	48-50 kg
PHULE VYAS (JL-220)	Crop duration	105-110 days
Productivity	20-25 q/ha	
Characters / features	Tolerant to rust & late leaf spot, early maturity	

# **Groundnut – JL-24 (Phule Pragati)**

	Release year	1979
	Name of Institute /	Oilseeds Research Station, Jalgaon
	University Soil type	medium to light
	Climate	Kharif
JL-24	Sowing Time / Planting period	15 <sup>th</sup> June to 15 <sup>th</sup> July
	Seed Rate (Per acre)	48-50 kg
	Crop duration	99 to 104 days
Productivity	15-20 q/ha	
Characters / features	Bold seeded, wider adaptability, early maturity	

# **Groundnut - B-95 (Koyana)**

	Release year	1993
	Name of Institute / University	AICRP on Groundnut, MPKV, Rahuri
	Soil type	Medium light
	Climate	Released for summer season in Western Maharashtra
	Sowing Time / Planting period	Summer 15 <sup>th</sup> January to 15 <sup>th</sup> February
	Seed Rate (Per acre)	(Per acre) 50kg / acre
	Crop duration	Summer-135-140 days
Productivity	30-35 q/ha	
Characters / features	Virginia bunch, Height-25-30 cm, Stem-sub-glabrous with no stem pigmentation, Leaf-Lanceolate, dark green, almost glabrous, Flower- yellow, Peg with pigmentation, Pod-Extra Bold with two kernel and reticulation, Kernel-pine Red colour, Oil -48%, Resistance to Spodoptera, Rust and moderately resistant to Late Leaf Spot and Stem rot, Tolerant to stress due to dark green lanceolate leaves	
Remarks		Innati- A dual season variety developed to eed production & storage

# **Groundnut – JL-286 (Phule Unap)**

	Release year	2004
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	Medium to light
	Climate	Kharif /Summer
	Sowing Time /	Kharif: 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Summer: 15 <sup>th</sup> Jan. to 15 <sup>th</sup> Feb.
	Seed Rate (Per acre)	Seed Rate/acre: 48-50 kg
PHULE UNAP (JL-286)	Crop duration	Crop duration: 93-95 days
Productivity	22-25 q/ha	
Characters / features	Tolerant to root rot, longer flowering span, oil content 49-50%	

### **Groundnut – TPG-41**

A Maria	Release year	2004
	Name of Institute / University	AICRP on Groundnut, MPKV, Rahuri
	Soil type	Medium light
	Climate	Released for summer season in Western Maharashtra
	Sowing Time / Planting period	Summer-15 <sup>th</sup> January to 15 <sup>th</sup> February.
	Seed Rate (Per acre)	48-50kg / acre
	Crop duration	130 days
Productivity	30-35 q/ha	
Characters / features	High dry pod yield, oil 48%, extra bold kernel size. HKW-70 gm.kernel colour pink red, highly tolerance to aflatoxin content	
Remarks	Recommended for Summer tract of Maharashtra state	

### Groundnut – JL-501

	Release year	2009
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	Medium to light
	Climate	Kharif /Summer
	Sowing Time /	Kharif: 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Summer: 15 <sup>th</sup> Jan. to 15 <sup>th</sup> Feb.
	Seed Rate (Per acre)	40-50 kg
JL-501	Crop duration	99 to 104 days
Productivity	30-32 q/ha	
Characters / features	Oil content 49%, tolerant to Alfatoxin	



Mahatma Phule Krishi Vidyapeeth, Rahuri Information about Crop wise Improved / Hybrid Varieties Developed by University

# **Groundnut - Phule RHRG-6021**

	Release year	2011
Jan Jan A.	Name of Institute / University	AICRP on Groundnut, MPKV, Rahuri
The state of the s	Soil type	Medium light
	Climate	Released for summer season in Western Maharashtra
	Sowing Time / Planting period	15 <sup>th</sup> January to 15 <sup>th</sup> February
	Seed Rate (Per acre)	48-50kg / acre
	Crop duration	Summer-120-125 days
Productivity	Summer:-35-40 q/ha	
Characters / features	Virginia Bunch type Semis-preading (VB), Height- 20-25, Stem-sub-glaborus with stem pigmentation, Leaf-oblong, dark green, almost glabrous, Flower-orange yellow, Peg with pigmentation, pod-small with two kernel and present reticulation, Kernel-rose colour, oil -51%, Resistance to Spodoptera 3.92 %, Rust 1-5 %, Late Leaf Spot 1-5 % and Stem rot 8.57 %, Tolerant to stress, Dark green leaves, It is having 37 g Hundred kernel weight, 68 % Shelling, 91 % Sound Mature Kernels.	
Remarks	Recommended for cul Maharashtra State	tivation in Summer season in Western

# **Groundnut - Phule Unnati (RHRG-6083)**

All Signature	Release year	2012
	Name of Institute / University	AICRP on Groundnut, MPKV, Rahuri
	Soil type	Medium light
	Climate	Kharif/Summer season
	Sowing Time / Planting period	Kharif 15 <sup>th</sup> June to 15 <sup>th</sup> July Summer 15 <sup>th</sup> January to 15 <sup>th</sup> February
	Seed Rate (Per acre)	48-50kg / acre
	Crop duration	Kharif-111 days, Summer-128 days
Productivity	Summer -35-40 q/ha Kharif- 25-30 q/ha	
Characters / features	Spanish bunch, Height-35-40 cm, Stem-sub-glabrous with no stem pigmentation, Leaf-Lanceolate, dark green, almost glabrous, Flower-orange yellow, Peg with pigmentation, Pod-Medium with two kernel and reticulation, Kernel-Red colour, Oil -52%, Resistance to Spodoptera, Rust, moderately resistant to Late Leaf Spot and Stem rot, Tolerant to stress due to dark green lanceolate leaves	
Remarks	A dual season variety dev production & storage	eloped to overcome problem of seed



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### **Groundnut – JL-776 (Phule Bharati)**

- 0	Release year	2014
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	Medium to light
	Climate	Kharif /Summer
	Sowing Time /	Kharif: 15 <sup>th</sup> June to 15 <sup>th</sup> July
	Planting period	Summer: 15 <sup>th</sup> Jan. to 15 <sup>th</sup> Feb.
	Seed Rate (Per acre)	48-50 kg
	Crop duration	105-110 days
Productivity	30-35 q/ha	
Characters / features	High oil content 51%. Pradesh, Tamil Nadu, A	Recommended for Maharashtra, Madya andra Pradesh

# **Groundnut – Phule Morana (KDG 123)**

	Release year	2016
VIRGINIA	Name of Institute /	Agricultural Research Station, K.Digraj,
GROUNDNUT	University	Dist.Sangli
KDG 123	Soil type	Light to medium sandy loam with high organic matter content, pH- 7 to 8
The same	Climate	Kharif season
	Sowing Time / Planting period	15 <sup>th</sup> June to 30 <sup>th</sup> July
	Seed Rate (Per acre)	35-40 kg
ALL WILLIAM	Crop duration	120-125 days
Productivity	25-30 q/ha	
	Suitable for Southern	Maharashtra, Tamilnadu, Andhra Pradesh,
	Telangana, Karnataka, Gujarat, Southern Rajasthan, Jharkhand,	
Characters / features	Orissa, West Bengal & Imphal, Moderately resistant late leaf spot	
	& rust diseases, Medium bold kernels, shelling 68-70 % & oil	
	content 46-48 %, Wider adoptability	
Remark	Virginia bunch variety.	



### **Groundnut – Phule Warana (KDG 128)**

	Release year	2016
	Name of Institute /	Agricultural Research Station, K.Digraj,
Phule Warna	University	Dist.Sangli
(KDG 128)	Soil type	Light to medium sandy loam with high organic matter content, pH- 7 to 8
TASP PRUSA	Climate	Kharif season
	Sowing Time / Planting period	15 <sup>th</sup> June to 15 <sup>th</sup> July
	Seed Rate (Per acre)	35-40 kg
	Crop duration	115-120 days
Productivity	25-30 q/ha	
	Suitable for Southern N	Maharashtra, Tamilnadu, Andhra Pradesh,
Characters / features	Gujarat, Telangana, Rajasthan and Karnataka, Moderately resistant	
Characters / Teatures	late leaf spot & rust diseases, Medium bold kernels, shelling 69 %	
	and oil content 50 %	
Remark	Suitable for <i>kharif</i> season for Virginia bunch growing areas.	

# **Groundnut – Phule Chaitanya (KDG 160)**

	Release year	2016
NATURE.	Name of Institute /	Agricultural Research Station, K.Digraj,
GROUNDNUT VARIETY	University	Dist.Sangli
KDG 160	Soil type	Light to medium sandy loam with high organic matter content, pH- 7 to 8
	Climate	Summer, Irrigated
NDC 160	Sowing Time / Planting period	15 <sup>th</sup> January to 30 <sup>th</sup> January
ASS. AND	Seed Rate (Per acre)	40-50 kg
	Crop duration	105-110 days
Productivity	20-24 q/ha	
	Suitable for Rabi-sum	mer in Andhra Pradesh, Telangana &
Characters / features	Tamilnadu, Moderately resistant to stem rot & leaf spot diseases	
Characters / Teatures	(LLS), Medium bold kernels (40-48g), Shelling 65-69 % & oil	
	content 51.6%	
Remark	Suitable for summer season.	

### **Groundnut – JL-1085 (Phule Dhani)**

	Release year	2018
	Name of Institute / University	Oilseeds Research Station, Jalgaon
	Soil type	Medium to light
	Climate	Kharif
	Sowing Time / Planting period	15 <sup>th</sup> June to 15 <sup>th</sup> July
JL-1085	Seed Rate (Per acre)	48-50 kg
	Crop duration	100-110 days
Productivity	30-35 qt/ha	
Characters / features	High oil content 51%, maximum number of three seeded pod, resistance to foliar diseases, resistance to Spodoptera & Thrips, high shelling%	

# **Sunflower - SS-56**

	Release year	1984
	Name of Institute / University	ZARS, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 20 to 30°C
Sowing Time / Planting period	Kharif, Rabi and Summer	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	80-85 days	
Productivity	10-11 quintal/ha	
	Moderately tolerant to head borer and sucking pests, Suitable for late sowing, Suitable for intercropping, Oil	
Characters / features		
	content 32-35 %	
Remark	Suitable for ra	infed conditions (State level).
	Recommended for o	cultivation in Maharashtra State.



### **Sunflower - Bhanu**

San State Brown	Release year	2006	
	Name of Institute / University	ZARS, Solapur (MPKV, Rahuri)	
	Soil type	Medium deep to deep	
	Climate	Optimum Temperature: 20 to 30°C	
Sowing Time / Planting period	Kharif season		
Seed Rate (Per acre)	4.0 kg/acre		
Crop duration	85-90 days		
Productivity	Productivity – 12-13 quintal/ha		
Characters / features	Tolerant to drought, Oil content - 35-36 %, Tolerant to head borer and Moderately tolerant to sucking pests, Moderately tolerant to rust, Alternaria leaf spot and Necrosis, Suitable for rainfed and irrigated conditions		
Remark	Recommended for	Recommended for rainfed kharif conditions of Maharashtra.	

# Sunflower - Phule Raviraj (Hybrid) (KSFH-437)

and market to the state of the	Release year	2009
	Name of Institute	Agriculture Research Station, Savalvihir Tal- Rahata, Dist-Ahmednagar,
	/ University Soil type	Medium deep soil
KSFH-437	Climate	Kharif season
Sowing Time / Planting period	Kharif season (July Month)	
Seed Rate (Per acre)	2 kg	
Crop duration	95 days	
Productivity	18-20 qt/ha	
Characters / features	Oil per cent 34%, Big head size with centre filling head, Tolerant to bud necrosis and alternaria, Tolerant to the pests like capitulum borer, Responsive to fertilizer, High yielding and early maturing, Resistant to lodging	
Remark		the medium deep soils of Western Mahatarashta n for both Rainfed and Irrigated conditions



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### **Sunflower - Bhaskar**

440	Release year	2015
* ********	Name of Institute / University	ZARS, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
The same	Climate	Optimum Temperature: 20 to 32°C
Sowing Time / Planting period	Kharif season	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	80-85 days	
Productivity	16-18 quintal/ha	
Characters / features	Early maturing, High yield, Oil content 37-38 %, dark black shiny seed, Suitable for drought prone (scarcity zone) area, Moderately tolerant to powdery mildew, Alternaria leaf spot and Bud-Necrosis.	
Remark	Recommended for rainfed kharif conditions of Maharashtra state	

### Sesamum – JLT-408

	Release year	2010
1-9	Name of Institute / University	Oilseeds Research Station Jalgaon (MPKV)
<b>建建设设施设施</b> 下级	Soil type	Medium Soil to Black Soil
apprimental view	Climate	Raifed, Temp. 21 to 26°C during growth period and 26 to 32°C during seed filling period
	Sowing Time / Planting period	Second week of June to first week of July.
	Seed Rate (Per acre)	1.0 to 1.20 kg
	Crop duration	81-85
Productivity	8.40 q/ha (Potential), 7.80 q/ha (Average)	
Characters / features	White and bold seed, High oil content (53.2%), Low in free fatty acid (1.46%), High Iodine value (107), Moderately resistant to Phyllody, Cercospora, Released for: Raifed tract of Khandesh and adjoining area of Vidharbh and Marathwada region oMaharashtra.	



# Niger – Sahaydari (IGP-76)

	Release year	1983
	Name of Institute / University	ZARS, Igatpuri, Nashik
	Soil type	Light to medium black
	Climate	Hot & Humid
Sowing Time / Planting period	Onset of monsoon June- July	
Seed Rate (Per acre)	1.6 to 2.0 Kg	
Crop duration	120-130 days	
Productivity	300-400 Kg/ha	
Characters / features	High yielding, small black grains, oil content 36%, high percentage of lenolic acid and protins, resistant to leaf eating cater piller and powdery mildew	

# Niger - Phule Karala (IGPN- 2004-1)

	Release year	2008
	Name of Institute / University	ZARS, Igatpuri, Nashik
第14年周辺地位	Soil type	Light to medium black
	Climate	Hot & Humid
Sowing Time / Planting period	Onset of monsoon June- July	
Seed Rate (Per acre)	1.6 to 2.0 Kg	
Crop duration	95-100 days	
Productivity	450-500 Kg/ha	
Characters / features	It is high yielding (485 Kg/ha) which is 24.28% increase over IGP-76 (391 Kg/ha), Early maturing (97 days), Bold seeded with shiny black colour, More oil content (39%), Essential unsaturated fatty acid (Lenoleic acid) 62.1% more than IGP-76, Registant to lodging.	



# Niger - Phule Vaitarana (IGPN- 8004)

	Release year	2014
	Name of Institute / University	ZARS, Igatpuri, Nashik
	Soil type	Light to medium black
	Climate	Hot & Humid
Sowing Time / Planting period	Onset of monsoon June- July	
Seed Rate (Per acre)	1.6 to 2.0 Kg	
Crop duration	105-110 days	
Productivity	450 to 550 Kg/ha	
Characters / features	High yielding, Early maturing, Bold seeded with shiny black colour, More oil content (39 to 40 %), High Lenoleic acid (57.2%) & Protein content (26.0%), Moderately tolerant to Aphids, Semiloopers, Resistent to Cercospora leaf spot and Alternarial leaf spot.	

# Safflower - Bhima

receipt to har trails	Release year	1982
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	120-130 days	
Productivity	13-15 quintal/ha (5-6qt/acre)	
Characters / features	Moderately tolerant to Aphid and fusarium wilt, Oil content -29-30%, Flower colour at bloom-white and at faded stage dirty white with red spot, Tolerant to moisture stress	
Remark	Recommended for Maharashtra state	



### Safflower – Girna

Girna	Release year	1990
	Name of Institute / University	AICRP on safflower, Jalgaon, MPKV, Rahuri
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
	Sowing Time / Planting period	15 September to 15 October
	Seed Rate (Per acre)	4.0 kg/acre
	Crop duration	130-135 days
Productivity	5-6 qt/acre	
Characters / features	Moderately tolerant to Aphid, Moderately tolerant to fussarium wilt, Oil content -28-30%	
Remark	Recommended for Khandesh Region of Maharashtra state	

### Safflower - Phule Kusuma

	Release year	2003
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	125-140 days	
Productivity	Rainfed -13-15qt/ha (5-6 qt/acre) & Irrigated-20-22 qt/ha (8-9 qt/acre)	
Characters / features	Moderately tolerant to Aphid, Oil content 30%, Flower colour at bloom-yellow and at faded stage red spot	
Remark	Recommended for country	assured rainfed and irrigated areas of the



# Safflower - SSF-658 (Non Spiny)

	Release year	2008
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	115-120 days	
Productivity	12-13 quintal/ha(5-5.50qt/acre)	
Characters / features	Moderately tolerant to Aphid and fusarium wilt, Oil content -28%, Flower colour at bloom-yellow and at faded stage- red	
Remark	recommended for safflower growing areas of the country	

### Safflower - SSF-708

	Release year	2010
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
655.700	Soil type	Medium deep to deep
37.708	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	115-120 days	
Productivity	Rainfed 14-16quintal/ha (5-6 qt/acre) & Irrigated-22-25 qt/ha (9-10 qt/acre)	
Characters / features	Moderately tolerant to Aphid, Oil content -31%, Flower colour at bloom-white and at faded – red, 100 seed wt 5.0g	
Remark	Recommended for rainfed and irrigated safflower growing areas Maharashtra	



### **Safflower – Phule SSF-733**

	Release year	2011
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	4.0 kg/acre	
Crop duration	120-125 days	
Productivity	14-15quintal/ha (5-6 qt/acre)	
Characters / features	Moderately tolerant to Aphid and fusarium wilt, Oil content -29%, colour at bloom-white and at faded stage dirty white with red spot, Medium height	
Remark	recommended for rainfed safflower growing areas the country	

# Safflower – Phule Chandrabhaga (SSF-748)

A AND	Release year	2012
	Name of Institute / University	AICRP on safflower, Solapur (MPKV, Rahuri)
	Soil type	Medium deep to deep
	Climate	Optimum Temperature: 16.0 to 32.0 °C
Sowing Time / Planting period	15 September to 15 October	
Seed Rate (Per acre)	.0 kg/acre	
Crop duration	125-140 days	
Productivity	13-16 quintal/ha (5-6 qt/acre), Irrigated-22-25 qt/ha (9-10 qt/acre)	
Characters / features	Moderately tolerant to Aphid, Oil content -29%, Flower colour at bloom-yellow and at faded stage red, 100seed wt-6g	
Remark	Recommended for rainfed and irrigated areas of the country	



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# Soybean – Phule Kalyani (DS 228)

	Release year	2006
	Name of Institute	Agricultural Research Station, K.Digraj,
	/ University	Dist.Sangli
	Soil type	Well drained, medium to heavy sandy loam soil.
कृतं कानामार्थः (जीवान २४८)	Climate	Kharif season.
Sowing Time / Planting period	2 <sup>nd</sup> fortnight of June to first week of July	
Seed Rate (Per acre)	30 kg	
Crop duration	(95-100 days)	
Productivity	23-25 Qt/ha	
Characters / features	Suitable for Maharashtra state especially rust prone areas, Slow rusting to rust, moderately resistant to Charcoal rot, Oil Content 17.25 % & Protein 39.38%	
Remark	Less susceptible to rust diseases	

# Soybean – Phule Agrani (KDS 344)

KDD 344	Release year	2015
	Name of Institute / University	Agricultural Research Station, K.Digraj, Dist.Sangli
	Soil type	Well drained, medium to heavy sandy loam soil.
	Climate	Kharif season
Sowing Time / Planting period	2 <sup>nd</sup> fortnight of June to first week of July	
Seed Rate (Per acre)	30 kg	
Crop duration	105-110 days	
Productivity	25-30 Qt/ha	
Characters / features	Suitable for Southern zone (Southern Maharashtra, Telangana, Andhra Pradesh, Tamil Nadu) of India, Resistant to rust diseases, Oil Content 18.6 %, Suitable for rust prone area.	
Remark	Resistance to rust diseases.	



# Soybean – Phule Sangam (KDS 726)

Prior Surgers (90 27 MIA) NY ARIE NY	Release year	2016
	Name of Institute	Agricultural Research Station, K.Digraj,
	/ University	Dist.Sangli
	Soil type	Well drained, medium to heavy sandy loam soil.
The second secon	Climate	Kharif season.
Sowing Time / Planting period	Last week of June to first week of July	
Seed Rate (Per acre)	25 kg	
Crop duration	100-105 days	
Productivity	23-25 Qt/ha	
	Suitable for cultivation under Southern zone ( Maharashtra,	
Characters / features	Telangana, Andhra Pradesh, Karnataka & Tamil Nadu), Resistant to	
	rust, moderately resistant to Charcoal rot, Oil Content 18.42 % &	
	Protein content 38.14 %, Resistant to purple seed stain & tolerant to	
	pest complex.	
Remark	Resistance to rust diseases.	

# Soybean – Phule Kimaya (KDS 753)

AUS 7.53 Williams	Release year	2017
	Name of Institute / University	Agricultural Research Station, K.Digraj, Dist.Sangli
Mary Mary Street, Stre	Soil type	Well drained, medium to heavy sandy loam soil.
and the second s	Climate	Kharif season.
Sowing Time / Planting period	Last week of June t	o first week of July
Seed Rate (Per acre)	25 kg	
Crop duration	95-100 days	
Productivity	25-30 Qt/ha	
Characters / features		
Remark		



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# Soybean – KS-103

	Release year	2018
	Name of Institute / University	College of Agricultural Kolhapure
	Soil type	Well drained, medium to heavy sandy loam soil.
	Climate	Kharif season.
Sowing Time / Planting period	Last week of June to first week of July	
Seed Rate (Per acre)	25-30 kg	
Crop duration	95-100 days	
Productivity	25-30 Qt/ha	
Characters / features	Suitable for cultivation in Southern Maharashtra, Andhra Pradesh, Tamil Nadu, Resistant to rust and various pests, non lodging, Oil Content 18.10%	
Remark	High yielding	