

**VARIETIES /HYBRIDS RECOMMENDED FOR RELEASE DURING 2018-19: 7 (5 new + 2 Endorsement\*)**

Crops	No.	Variety/Hybrid	Recommended for
<b>Cereals</b> Paddy	1	GanagvathiSona (IET-20594)*	Zone 6
<b>Pulses</b> Cowpea Black gram	2	PGCP-6 LBG-791	Zone 5 and 6
<b>Oilseeds</b> Sunflower	1	KBSH 78*	Zone 6
<b>Commercial</b> Sugarcane	2	COVC-16061, COVC-16062	Zone 6
<b>Horticultural</b> Jack Fruit	1	LalbaghMadhura	Zone 5
<b>Total</b>	<b>7</b>		

**1. Paddy - GanagvathiSona (IET-20594):** It is medium duration variety that matures in 130-135 days. This variety belongs to moderate plant type with better threshing quality and cooking quality. Under better management practices, variety yields 6.5-7.0 ton/ha of grain and 8.0-8.5 ton/ha of straw. It was released and endorsed in zone -3 and now it is recommended for zone-6.

**2. Cowpea: PGCP-6:** It is a short duration variety that matures in 70 to 75 days yielding 700 to 800kgs/ha. It is suitable for early kharif, late kharif, summer and intercropping systems. The seeds are light brown in colour and recommended for zone 5 and 6 of Karnataka.

**3. Blackgram: LBG -791:** This is a short duration variety that matures uniformly in 75 to 85 days and can be harvested at one stroke. It is resistant to Yellow mosaic virus disease. It is recommended for zone 5 and zone 6.

**4. Hybrid Sunflower: KBSH-78:** It is an early duration hybrid maturing in 85 days. It has an average seed yield of 17-23 q/ha under protective irrigation and 10-12 q/ha under rainfed conditions. The oil percentage ranges from 39 to 41. The variety has medium height and sturdy stem with good plant type. The hybrid is recommended for cultivation in Zone-5 and now it is endorsed for Zone-4, Zone- 6 and Zone -7 of Karnataka

**5. Sugarcane COVC -16061:** COVC 16061 is an early maturing variety. It comes to harvest in 10 months and it gives more yield (140-150 tons /ha). It is suitable for planting even during Jan-Feb months. It has got high tillering ability so suitable for planting in wider row spacing (5 ft) and possesses good ratooning ability. It with stands moisture stress

situations. It is good for Jaggery making and recommended for cultivation in Zone-6 of Karnataka.

**6. Sugarcane COVC – 16062:** It is mid late maturity variety suitable for planting during July to November months. It is high tonnage variety (165-170 t/ha) due to its high tillering ability recommended for planting in wider row spacing (5 ft). It has got good ratooning ability with stands moisture stress conditions. It is good for jaggery making recommended for cultivation in Zone-6 of Karnataka

**7. Jack Fruit –LalbaughMadhura:** Trees aged 10 to 15 years yields around 80 to 100 fruits per tree per year. The average yield per tree will be around 640 to 800 kgs. The fruit weight ranges from 8 to 10 kgs (Average -7.70kgs). The individual flakes weigh 68 to 120 g. Flakes are yellow with thick pulp and TSS (Total Soluble Solids) of 29 to 30<sup>0</sup> brix. The fruit is suitable for table purpose (sale of fresh flakes) and for preparation of value added products such as squash, jam and pulp. This variety is recommended for Zone 5.