

2013-14

Variety release proposals

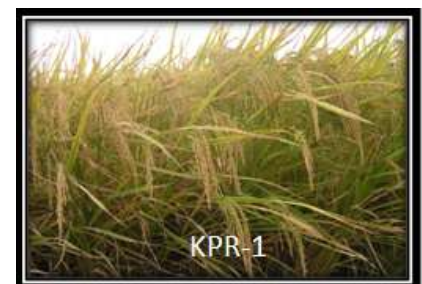
- High protein (14%) rice variety Poustic-9 (Mass-9 or HPR-0741) is accepted for release for general cultivation.
- High yielding groundnut variety KCG-6 is accepted for release for general cultivation.
- Hybrid Castor variety HCH-6 matures in 90-150 days, resistant to Fusarium wilt and white fly at field conditions is released for rainfed situations of zone-4.



2014-15

Variety release proposals

- ❖ Rice variety KPR-1 recorded 19-20 per cent higher grain yield (60q/ha) than Tunga. It is tolerant to neck blast and leaf blast diseases and is accepted for release to the hill zone (zone-9).
- ❖ Two onion varieties Bhima Super (34.56 t/ha) and Satara Garva (32.14 t/ha) are found to be promising for Central dry zone (zone-4) than Bellary Red.



2015-16

Variety release proposals

- ❖ High yielding Groundnut variety GKVK-5, tolerant to tikka disease is endorsed to release for Zone-4 which has recorded higher yield of 28-30 q/ha.



2016-17

Variety release proposals

- ❖ High yielding Paddy variety KKP-5, tolerant to BPH and Blast disease is recommended to command area for *Kharif* season. It is of 130-135 days duration and medium slender with the grain yield of 80 q per ha.



- ❖ A high yielding areca variety Maidan Local has been recommended to release for the maidan region of Southern Transitional Zone. This variety bears round seed nut with an average yield of 2.6 kg/palm. It is found to be tolerant to the Hidimundige disorder and budrot disease incidence under maidan region



- ❖ High yielding paddy variety IET-21479, tolerant to blast with better cooking quality for consumption is recommend to release for low lands of hill zone. It is of 165-170 days duration with the grain yield of 50 q per ha.



2017-18

Variety release proposals

- ❖ High yielding semi dwarf (90-95cm), paddy variety MO-21 (Pratheeksha) recommended for rabi/summer is suitable for both mid and upland areas in the coastal zone (zone-10). It is of short duration (100 to 110 days) with long bold red rice variety. It is red rice variety with the grain yield of 15 to 18 q/ha. It is tolerant to blast and gall midge and is endorsed to release for coastal zone.



- ❖ A Maize Hybrid MAH-14-5 resistant to turicum leaf blight, moderately resistant to sorghum downy mildew and moderately susceptible to fusarium stalk rot is recommended for southern transitional zone (zone-7). It matures in about 120-125 days and gives an yield of 75 to 80 q/ha.



2018-19

Variety release proposals

- ❖ **Sahyadri Megha:** High Yielding, medium plant stature with dark green foliage without any pigmentation. Rice variety suitable for kharif and summer is recommended for southern transitional zone (Zone-7). It is of short duration (120 days) with bold & red grains, without awn and pigmentation. It contains high protein (12.4%) with a grain yield of 70 q/ha. It is moderately resistant to blast and udbatta diseases.



- ❖ **Sahydri Panchamuki (IRGA-318-11-6-9-2B):** High yielding flood tolerant red rice variety recommended for *Kharif* is suitable for lowland in the coastal zone. It is of Mid duration (130-135 days) medium bold red variety with the grain yield of 50-55 q/ha. It is highly tolerant to blast and helminthosporium spot and resistant to gallmidge.



- ❖ **Sahydri Yukthi Cowpea UAHS-28 :** This Variety is suitable for late Kharif and Summer season : recommended for southern transitional zone. It is a medium bold, early vigour, having short stature and grown well in limited moisture conditions. It matures in 80-85 days and gives an yield of 12-13 q/h. It is tolerant to rust disease.



- ❖ **Sahydri Tobios - 6 FCV tobacco variety:** Flue cured tobacco variety Tobios -6 has been approved for release for Karnataka light soils. It yields 15 percent higher cured leaf yield over the check variety Sahyadri and 18 per cent over Kanchan. It is relatively drought tolerant, moderately resistant to black shank, frog eye leaf spot and root knot nematode along with good quality characters.



- ❖ **Sunflower-KBSH-78:** A sunflower early hybrid KBSH-78 is endorsed to release for central dry zone and southern transitional zone. It matures in about 85 days and gives an yield of 10-12 q/h (under rainfed) and 20-25 q/ha under irrigation. The oil yield is 900-950 kg/ha, the crop is having a medium plant height, sturdy and erect plant type with very good appearance.



2019-20

Variety release proposals

- ❖ **Sahyadri Kaveri (IET-24451):** A high yielding White kernel Paddy variety suitable for rainfed conditions (*Kharif*) is recommended to release for the midlands of Hill Zone (Zone-9). It is of medium duration (145-150 days) with long bold white rice variety with grain yield of 55 Q/ha. It is moderately resistant to leaf and neck blast.



- ❖ **Dh-256 :** A high yielding drought tolerant groundnut variety Dh-256 is suitable for rainfed cultivation (*Kharif*) is endorsed to release for Central Dry Zone of Karnataka. It matures in 110-115 days and gives a yield of 20-25 q/ha. It has higher sound mature kernel percentage (98%) with 47-48% Oil content. This variety is tolerant to late leaf spot and rust diseases.



2020-21

Variety release proposals

- **Sahyadri Kempumukthi :** A high yielding Paddy variety resistant to blast disease , Tolerant to leaf folder, stem borer and corid Bug is recommended to release for Southern transitional zone (zone-7). It Matures in 125-130 days and gives an yield of 70-75 q /ha for zone-7 and 40-45 q /ha for Zone-9.



- **Redgram variety, BRG-5** : Is endorsed for Central dry zone of Karnataka. It is a Medium duration Variety which matures in 160-170 days and resistant to Wilt disease and Less Incidence of sterility mosaic disease. Pods are medium sized, green in colour and the seeds are brown in colour. It gives about 13-15 % higher yield than BRG-2 and an yield potential of 18-20 q/ha.



- **Red Rice variety Sahyadri Brahma (BMR-MS-1-2-1)**: Is released during 2021 from UAHS, Shimogga accepted Sahyadri Brahma for midland situation of Zone 10 (Coastal Karnataka) for Kharif season. It is a dwarf variety, medium bold, Medium duration and matures in 130-135 days. It has a High tillering capacity with tolerance reaction to gall midge, blast and false smut diseases. It gives an average yield of 50 - 55 q/ha.

