

### Varieties recommended for release: 5

Five varieties have been recommended for release during 2022-23. The details of the same are given below.

#### Varieties / hybrids recommended for release during 2022-23

| Crop          | No. | Variety       | Zone recommended |
|---------------|-----|---------------|------------------|
| Finger millet | 1   | ML-322        | 5                |
| Little Millet | 1   | GPUL-11       | 5 and 6          |
| Proso Millet  | 1   | GPUP 32       | 5 and 6          |
| Sunflower     | 1   | KBSH-85       | 5 and 6          |
| Jackfruit     | 1   | GKVK Red Jack | 5                |

#### FINGER MILLET (RAGI): ML-322

- Duration: 105 - 110 days
- Grain Yield: Rainfed: 10-12 q/acre  
Irrigated: 15-20 q/acre
- Straw Yield: 2.0-2.2 t/acre
- Possess stiff stalk that resists lodging
- More number of tillers (6-7)
- Resistant to neck and finger blast and is drought tolerant
- Releases less chaff dust during threshing
- Recommended for cultivation in Zone - 5



FINGER MILLET (RAGI): ML-322



LITTLE MILLET: GPUL-11

#### LITTLE MILLET: GPUL-11

- Duration : 90 – 95 days
- Grain yield : 6.1-8.1 q/acre
- Straw yield : 1.2-1.5 t/acre
- Arched shaped inflorescence with intermediate compact panicle.
- Oval shaped grain with dark grey colour
- Suitable for sowing in *kharif* season (June-July)
- Highly resistant to grain smut and leaf blight disease
- Recommended for cultivation in Zone – 5 & 6



**PROSO MILLET: GPUP-32**

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- Duration : 80 - 85 days
- Grain yield : 7.2-8.1 q/acre
- Straw yield : 1.2 – 1.5 t/acre
- Intermediate compact with diffused shaped inflorescence
- Semi-tall variety
- Oval shaped golden yellow colour grain possesses higher test weight
- Suitable for sowing in *kharif* (June-July)
- Highly resistant to grain smut and brown spot disease
- Recommended for cultivation in Zone – 5 & 6

**SUNFLOWER: KBSH-85**

- Duration : 95 – 98 days
- Seed Yield: 8.9-10.5 q/acre
- Oil Yield : 3.6-4.0 q/acre
- Medium height
- Sturdy stem plant type category
- Resistant to downy mildew
- Recommended for cultivation in Zone - 5



**SUNFLOWER: KBSH-85**



**JACKFRUIT:  
GKVK RED JACK**

### **JACKFRUIT: GKVK RED JACK**

- Early bearing (3.5 years from planting)
- Yield (10 year old tree) : 120-150 fruits /tree/year
- 600-700 g flake weight per kg fruit
- Flakes: medium size, coppery red colour, crisp, oblong with excellent taste, each weighing 25 to 35 g
- Fruit: Oblong shape, medium sized (5.5-10 kg /fruit), small central core, outer green rind is thin (<1.50 cm) weighing 300-400g per kg fruit weight
- Highly preferred for table purpose and processing into squash
- Flake to fruit ratio is good (0.63)
- TSS: 25 to 30° Brix
- Small seeds with 20 seed weight about 100-130g
- Suitable for commercial cultivation for its red colour flakes with excellent taste and gum less trait in ripe fruits
- Total carotenoid (604.75 µg/100g), lycopene (4.30µg/100g) and lutein (20.68 µg/100g) content is higher compared to other red flake types
- Recommended for cultivation in Zone – 5