

#### Varieties recommended for release: 4

Three Hybrids and one variety have been recommended for release during 2023-24. The details of the same are given below.

#### Varieties / hybrids recommended for release during 2023-24

Crop	Variety	Zone recommended
Maize hybrid	MAH-15-84	5 and 6
Cowpea	KBC-12	5 and 6
Sunflower hybrid	KBSH-90	5 and 6
Bajra Napier hybrid	PBN -342	6

- **Maize hybrid: MAH-15-84 :-** MAH-15-84 is a medium duration (120-125 days) single cross hybrid that yields 14.2% higher yield (92-95 q/ha) than MAH-14-5 (81-85 q/ha). It has resistance to leaf blight and moderate tolerance to downy mildew disease. Appealing and attractive orange colored seed fetches higher price in the market. Female parent possess good seed production capacity and male parent possess good pollination capacity. It is recommended for Zone 5 and Zone 6.
- **Cowpea variety: KBC-12 :-** KBC-12 variety is suitable for July-August-September and January-February sowing with duration of 80-85 days and gives yield of 13-14 quintals per hectare. An upright plant type with thick and green pods and medium thick and light brown seeds. It is recommended for Zone 5 and Zone 6.
- **Sunflower hybrid: KBSH-90 :-** KBSH-90 is a short duration hybrid (80-82 days) with medium height. This hybrid gave 21% higher seed yield (23-24 q/ha) and 26% higher oil yield (9.0-9.4 q/ha) than KBSH-78. It is recommended for Zone 5 and Zone 6.
- **Bajra Napier hybrid: PBN-342 :-** PBN -342 recorded 14% higher green fodder yield of 1497.8 q/ha as compared to the check BNH -10 (1313.6kg/ha). It also recorded higher dry matter yield (204.7 q/ha), higher leaf stem ratio (0.74) and better crude protein yield (9.7 q/ha) with better nutritional quality. It is recommended for Zone 6.