CROP VARIETIES Released under the Agricultural Productivity Programme for Southern Africa (APPSA) _MALAWI

Background
» Led by Malawi, which is the Maize Regional Centre of Leadership (RCoL), the maize research teams from Malawi, Mozambique and Zambia identified the following Crop improvement thematic areas for regional research collaboration:
• Breeding for yield, quality, resistance to pests and diseases, tolerance to abiotic stresses (drought and heat), and nutritional value (including work on quality protein maize);
• Use of biotechnology to enhance and accelerate varietal development.
» In addition to releasing new maize varieties, Malawi also released improved legume and rice varieties.

.Bean Varieties

.Rice Varieties

.Orange Maize Varieties

.MPHETA 7 T ha⁻¹
130 days to maturity
Vitamin A - 5.5 μg/g Zeaxanthin – 8.7 μg/g

.NAZILO 7 T ha⁻¹
130 days to maturity
Vitamin A - 5.5 μg/g Zeaxanthin – 8.7 μg/g

.O 738 2.5 T ha⁻¹
75 days to maturity
Tolerant to Drought, CBB, ALS & BCMV

.O 1939 2.7 T ha⁻¹
80 days to maturity
Tolerant to Drought, CBB, ALS & BCMV

.O 19982 2.5 T ha⁻¹
80 days to maturity
Tolerant to Drought, CBB, ALS & BCMV

.SAA 20 3 T ha⁻¹
75 days to maturity
Tolerant to CBB, ALS & BCMV

.CAL 96 3 T ha⁻¹
75 days to maturity
Tolerant to CBB

.MH50STR 8.2 T ha⁻¹
120 days to maturity
Zea mays resistant 3 Way Cross Flint grain

.MH51STR 6.2 T ha⁻¹
6.2 T ha⁻¹
75 days to maturity
Tolerant to Drought, CBB; ALS & BCMV

.MH52STR 6 T ha⁻¹
128 dys to maturity
Striga resistant 3 Way Cross Flint grain

.G 1939 2.7 T ha⁻¹
80 days to maturity
Tolerant to Drought, CBB; ALS & BCMV

.MH45A 8 T ha⁻¹
130 dys to maturity
Zea mays A - 6.5 μg/g Zeaxanthin – 9.9 μg/g

.MH47A 7 T ha⁻¹
130 dys to maturity
Zea mays A - 4.8 μg/g Zeaxanthin – 7.5 μg/g

.MH49A 9 T ha⁻¹
130 dys to maturity
Zea mays A - 3.4 μg/g Zeaxanthin – 8.1 μg/g

.MH48A 7 T ha⁻¹
130 dys to maturity
Zea mays A - 5.6 μg/g Zeaxanthin – 5.6 μg/g