

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

CAL 96 3 T ha-1 75 days to maturity Tolerant to CBB; ALS & BCMV

G 738
2.5 T ha-1
75 days to
maturity
Tolerant to Drought;
CBB; ALS & BCMV

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

G 11982 2.5 T ha-1 80 days to maturity Tolerant to CBB; ALS & BCMV



Bean Varieties

MH50STR



MPHETA 7 T ha-1 130 dys to maturity Vitamin A - 5.5 µg/g Zeaxanthin — 8.7 µg/g

NAZOLO
7 T ha-1
130 dys to
maturity
Vitamin A - 5.5
µg/g Zeaxanthin —
8.7 µg/g

7 T ha-1
120 dys to
maturity
Striga resistant
3 Way Cross
Flint grain

MH51STR
6.2 T ha-1

125 dys to
maturity
Striga resistant
3 Way Cross
Flint grain

Orange Maize Varieties

MH52STR
6 T ha-1
130 dys to
maturity
Striga resistant
3 Way Cross
Flint grain

Rice Varieties

MH 45A 7.7 T ha-1 130 dys to maturity Vitamin A - 5.5 µg/g Zeaxanthin 8.7 µg/g

MH 46A
8 T ha-1

128 dys to
maturity
Vitamin A - 6.5
µg/g Zeaxanthin —
8.9 µg/g

MH 47A
7 T ha-1
130 dys to
maturity
Vitamin A - 4.8
µg/g Zeaxanthin —
7.5 µg/g

MH 49A
6 T ha-1

132 dys to
maturity
Vitamin A — 3.4
µg/g Zeaxanthin —
9.3 µg/g

Orange Maize Varieties

MH 48A
7 T ha-1
130 dys to
maturity
Vitamin A - 5.6
µg/g Zeaxanthin 5.6 µg/g





