

Suitable Varieties for Rapeseed-Mustard for Assam

The selection of the appropriate variety suited to the growing condition and specific characteristics of the region is the most important factor in determining the yield and production of the crop. Toria crop is popular in Assam as it matures in 85-95 days. The majority of farmers in Assam generally grow traditional varieties i.e. locally available germplasm especially short duration toria (mostly nondescript naturally crossed bred) varieties, which are low yielder. Yellow sarson is also an important crop. It matures in about 100-125 days and is also in cultivation in some region of Assam. Now improved short duration varieties of Indian mustard, suitable for Assam, have also been developed, which are gaining popularity in Assam. A large number of varieties suited for cultivation in various parts of Assam have been identified and notified under the All India Coordinated Research Project on Rapeseed-Mustard (AICRP-RM). The adoption of improved and suitable variety alone can make significant difference in the crop productivity. As Assam comes under zone V, early maturing/short duration varieties are well suited. On the basis of recommendation of AICRP-RM/sate/AAU and result of FLDs, The following varieties of rapeseed-mustard are most suitable for Assam the following varieties of rapeseed-mustard for Assam

| Variety | Maturity (Days) | Oil (%) | Av. Yield (Kg/ha) |
|-----------------------|-----------------|---------|-------------------|
| Indian mustard | | | |
| DRMR 150-35 | 110-120 | 38-42 | 1200-1800 |
| NRCHB-101 | 105-120 | 38-42 | 1400-1500 |
| PM-28 | 95 | 39-42 | 1920-2090 |
| Toria | | | |
| TS-38 | 90-95 | 40-42 | 1200 |
| TS-46 | 95 | 40-41 | 900 |
| TS-67 | 90 | 40-42 | 700 |
| Yellow Sarson | | | |
| NRCYS05-02 | 110-130 | 40-46 | 1240-1715 |
| YSH401 | 110-115 | 43-45 | 1280-1650 |
| Pitambri | 110-115 | 40-48 | 1415-1765 |

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DRMR 150-35



NRCHB-101



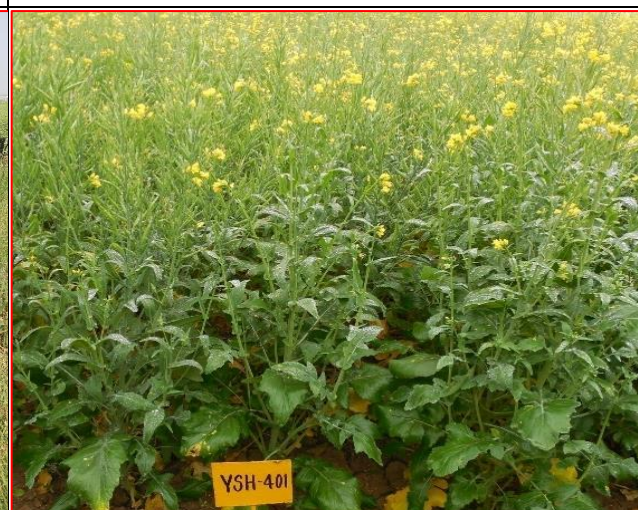
Pusa Mustard 28



Tapeswari (Torja)



TS - 38 (Torja)



YSH 401 (Yellow Sarson)