

Popularization of DHM 117 single cross Maize hybrid from Maize Research Centre, PJTSAU, Hyderabad across the country

DHM 117, a medium duration high yielding single cross Maize hybrid (SCH) released from MRC, Hyderabad during the year 2009-10 by state varietal release committee (SVRC), has gained popularity across the country during the last 8 years. It is noteworthy to mention that our hybrid DHM 117 was released for cultivation in Bihar state by their SVRC in 2012-13. We have been supplying Breeder seed of parental lines of DHM 117 to state seed development corporations of Bihar, West Bengal, Rajasthan, Maharashtra, Telangana, Andhra Pradesh and National Seed Corporation. In addition to this, we also entered 11 MoUs with private seed companies on non-mutual basis for production and marketing of DHM 117 hybrid since 2014. The above public and private agencies have been producing and marketing our hybrid DHM 117 (with the same name) for cultivation in different states. Though exact figures are not available, DHM 117 is cultivated in large scale across the country and it is estimated to be 4-5 lakh ha.

During the last 8 years, we have supplied about 200 q breeder and foundation seed of parental lines and 900 q hybrid seed of DHM 117 to different state organizations as well as private seed companies on MoU.

Year wise seed production of DHM 117 hybrid and their parental lines in quintals

| S.No | Year | Breeder seed | | Foundation seed | | Hybrid seed |
|--------------|---------|---------------|--------------|-----------------|--------------|---------------|
| | | BML 6 | BML 7 | BML 6 | BML 7 | DHM 117 |
| 1 | 2009-10 | 64.34 | 17.70 | | | 76.11 |
| 2 | 2010-11 | 0.30 | 0.30 | | | 48.85 |
| 3 | 2011-12 | 2.50 | 1.50 | 22.64 | 17.50 | 33.44 |
| 4 | 2012-13 | 1.60 | 2.30 | | | 97.14 |
| 5 | 2013-14 | 5.10 | 1.80 | | | 44.59 |
| 6 | 2014-15 | 3.00 | 2.00 | | | 516.22 |
| 7 | 2015-16 | 6.30 | 3.06 | | | - |
| 8 | 2016-17 | 13.70 | 4.22 | | | 60.00 |
| 9 | 2017-18 | 16.27 | 11.05 | | | 20.00 |
| Total | | 113.11 | 43.93 | 22.64 | 17.50 | 896.35 |



DHM 117 Hybrid



Hybrid seed production of DHM 117 by Rajasthan State Seed Development Corporation Ltd.



Farmers participatory seed production of Hybrid DHM 117 by Biswabharathi-Krishi Sayamber Gosthi, West Bengal



Field day conducted at Mallepally Village, Doma Mandal, RangaReddy District



Field day conducted at Kottaki village, Rambhadrapuram Mandal, Vizianagaram District