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Balai Penelitian Tanaman Serealia  
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*Bima 8 is early ripening maize of 88 days old, has 187 cm plant height, a big and strong stems, a long and cylindrical shape cob, straight and dense grain rows and 14-16 grain rows per cob. The grain color is orange of pearl type and the weight is 316 g/1000 grains with 15% moisture content.*

*The high potential yield reaches 11.7 tons non-cob dry grains / ha. It contains 73.2% carbohydrate, 8.6% protein, and around 5.1% fat. It is resistant to fall, and stay green at harvest so the waste can be used for animal feed. It is tolerant to downy mildew disease (*Peronosclerospora maydis*), leaf rust (*Puccinia sorghi*), and leaf spot (*Helminthospororium maydis*).*

*The presence of Bima 8 hybrid maize can be an alternative for farmers to obtain high yields. This maze is potential to be developed by the seed industry in order to succeed the maize self-sufficiency program.*

## 46. Jagung Hibrida Varietas BIMA-8 *Bima-8 Hybrid Maize Variety*

Jagung Bima 8 berumur genjah 88 hari, tinggi tanaman 187 cm, batang besar dan kuat, bentuk tongkol panjang dan silindris, barisan biji lurus dan rapat. Jumlah barisan biji 14 - 16 baris per tongkol. Warna biji adalah orange, bertipe mutiara, bobot 316 g/1000 butir pada kadar air 15%.

Potensi hasilnya tinggi mencapai 11,7 ton pipilan kering/ha. Kandungan karbohidrat 73,2 %, protein 8,6%, dan lemak sekitar 5,1%. Tahan rebah, dan stay green saat panen dapat digunakan untuk pakan ternak. Toleran terhadap penyakit bulai (*Peronosclerospora maydis*), karat daun (*Puccinia sorghi*), dan bercak daun (*Helminthospororium maydis*).

Kehadiran jagung hibrida Bima 8 dapat menjadi alternatif bagi petani untuk mendapatkan hasil yang tinggi. Jagung ini potensial dikembangkan oleh industri benih dalam rangka mensukseskan program swasembada jagung.

