The Bima 20 URI is derived from crossing between a single cross hybrids G180//Mr14 as the female parent and Nei9008P line as male parent. This variety has strong roots, lodging resistance, and round stems; the plant height is 210 cm, light yellow panicles with a little orange, orange yellow grain color, number of rows per ear is 14-16, proper cover of the husks. Bima 20 URI is resistant downy mildew, leaf rust, leaf blight aside from tolerant to drought. Potential yield is 12.81 t/ha dry grain with the average yield of 11.0 t/ha at 15% moisture content, and weight of 339 g per 1,000 grains.