

Table 1 The list of new varieties released from state field trial and awarded by state or province in the past 40 years

Varieties	Source of parents	Breeder	Release year and approved by	Prizes or awards
Zhongzhi No.10	{Zhongzhi No.5 × [(Zihuayeersan × No.1)×Suipingxiaozihuang] }×(Zhongzhi No.5×Tuochengtiegucha)	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences	1997, National Sesame Variety Certification Committee	1996, Second Class prize, Wuhan City
Zhongzhi No.11	Yuzhi No.4 was induced by space flight	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences	2003, Sesame Variety Certification Committee of Hubei Province and the state	2007, the Third-Class Prize of Scientific and Technological Progress, Hubei Province
Zhongzhi No.12	CLSU-9×Yiyangbai	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences	2003, Crop Variety Certification Committee of Hubei Province; 2004, National Sesame Variety Certification Committee	2012, the Third-Class Prize of Scientific and Technological Progress, Hubei Province
Zhongzhi No.13	Yuzhi No.4 was induced by space flight	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences	2005, National Sesame Variety Certification Committee	2011, First Class Prize of Scientific and Technological Progress, Hubei Province; 2011, First Class Prize of Scientific and Technological Achievement, Chinese Academy of Agricultural Sciences
Zhuzhi No.11	Zhu81043×Zhu7801	Zhumadian Academy of Agricultural Sciences	2003, National Sesame Variety Certification Committee	2006, Second Class Prize of Scientific and Technological Progress, Henan Province
Yuzhi No.8	Yiyangbai×Guanghuayitiaobian	Sesame Research Center, Henan Academy of Agricultural Sciences	Approved by Crop Variety Certification Committee of Henan Province 1993 and of Anhui Province in 1999; by National Sesame Variety Certification Committee in 2000	Second Class Prize of National Scientific and Technological Progress
Ezhi No.6	Ezhi No. 1×Yiyangbai	Xiangyang Academy of Agricultural Science	2007, National Sesame Variety Certification Committee	2012, Third Class Prize of Scientific and Technological Progress, Hubei Province

Yuzhi No.11	From the Yuzhi No.4 mutant	Sesame Research Center, Henan Academy of Agricultural Sciences	1999, Crop Variety Certification Committee of Henan Province; 2002, National Sesame Variety Certification Committee	Second Class Prize of National Scientific and Technological Progress
Yuzhi No.9	ms86-1×Danbage	Sesame Research Center, Henan Academy of Agricultural Sciences	1993, Crop Variety Certification Committee of Henan Province; 2000, National Sesame Variety Certification Committee	Third Class Prize of National Scientific and Technological Progress
Ji 9014	ZZM0273 heizhima×Jizhi No.1	Institute of Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences	1998, Crop Variety Certification Committee of Hebei Province; 2009, National Sesame Variety Certification Committee	2000, First Class Prize of Scientific and Technological Progress, Hebei Academy of Agriculture and Forestry Sciences; 2000, Second Class Prize of Scientific and Technological Progress, Hebei Province
Fenzhi No.2	Jinzi No. 2×Fen01-05	Institute of Economic Crops, Shanxi Academy of Agricultural Sciences	2009, National Sesame Variety Certification Committee	2020, Second Class Prize of Scientific and Technological Progress, Shanxi Province
Luozhi No.16	Zheng89H142×Yuzhi No.4	Luohe Academy of Agricultural Sciences	2006, National Sesame Variety Certification Committee	2007, First Class Prize of Scientific and Technological Progress, Luohe City; 2016, First Class Prize of Henan Agricultural Science System; 2017, Second Class Prize of Scientific and Technological Progress, Henan Province
Luozhi No.18	Luozhi No.12×Yuzhi No.4	Luohe Academy of Agricultural Sciences	2005, National Sesame Variety Certification Committee	2007, Second Class Prize of Scientific and Technological Progress, Henan Province

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