

25, Davis, Buffalo, Zaoshu 18, Kwanggyo, Kefeng 1 and Qihuang 22, 112 SMV isolates were classified into 8 strain groups. Among them, SC-11 was the widest in Northern China Spring Planting Soybean Region with a proportion of 51.7%, and then SC-8, with a proportion of 17.9%. As far as the proportion of local SMV strain groups are concerned, the distributions of SC-11 and SC-8 were the widest in Heilongjiang with a proportion of 67.8% and in Liaoning with a proportion of 75.0%, respectively. The results of comparison of 11 SMV strain groups in present experiment with strain groups identified by Lu Wenqing showed that, SC-11 was similar with No.1 strain groups, SC-12 and SC-16 were similar with No.2, SC-4, SC-7, SC-8, SC-13 and SC-17 were similar with No.3. SC-16 and SC-17 were new strain groups.

**Key words** Soybean mosaic virus; Differential hosts; Strain groups; Distribution of strain groups

高 丰 1 号

- 1 品种来源 高油夏大豆新品种“高丰1号”系金乡大豆协会、济宁市农科院以7627为母本,7512为父本有性杂交系谱法选育而成。2005年3月通过了山东省农作物品种审定委员会审定,列为高油品种,其编号为鲁农审字[2005]033号。
- 2 特征 亚有限结荚习性,植株直立,株型收敛,幼苗健壮,株高108.9cm,主茎17.4节,有效分枝1.1个,单株粒数74.7粒,叶圆形、白花、棕毛,籽粒椭圆形,种皮黄色,脐黑色,百粒重16.73g,蛋白质含量38.57%,脂肪21.58%。
- 3 特性 属山东省夏大豆,生育期106天,中早熟品种,6月上、中旬播种,9月底成熟,抗花叶病毒病,抗倒伏,落叶,不炸荚,田间长相好。
- 4 产量表现 2000年品比试验,246.78kg/667m<sup>2</sup>,较对照鲁豆11号增产18.7%;2001年品比试验平均产量227.8kg/667m<sup>2</sup>,较对照鲁豆11号增产9.83%。2002年参加山东省夏大豆区域试验,平均产量192.73kg/667m<sup>2</sup>,较对照鲁豆11号减产3.22%,高产点236.0kg/667m<sup>2</sup>;2003年山东省区域试验,平均产量180.3kg/667m<sup>2</sup>,较对照鲁豆11号增产6.6%,高产点260.0kg/667m<sup>2</sup>。2002—2003年平均产量186.2kg/667m<sup>2</sup>,较对照鲁豆11号增产1.58%;鲁南、鲁中二片,平均产量179.4kg/667m<sup>2</sup>,较对照鲁豆11号增产3.6%。2004年参加山东省生产试验,平均产量170.44kg/667m<sup>2</sup>,较对照鲁豆11号增产8.67%。
- 5 栽培要点 该品种适应范围广,在鲁中、鲁南、鲁西种植表现良好,不但高产稳产、抗倒伏,而且还高抗大豆花叶病毒病,引种试验表明,苏北、皖北及豫东北夏大豆区也可种植。适宜播期是6月上中旬,播种量5—6kg/667m<sup>2</sup>,留苗1.2—1.5万株/667m<sup>2</sup>。播种前施10kg/667m<sup>2</sup>氮、磷、钾复合肥作底肥,也可在初花期追施复合肥10kg/667m<sup>2</sup>(深施)。及时灭除田间杂草、虫害。花英期注意防旱排涝,遇旱及时浇水。

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