

Table 1 Self-seed set ratio of 45 F₁ hybridized combinations (international algorithm > 100% or < 20%)

Hybrid combinations	International algorithm	Hybrid combinations	International algorithm
FA/Bao8696	134.85	CMS-K/AQ001	131.67
FA/15 Zhan24	114.65	CMS-K/Liangxing805	124.89
FA/Luomai23	113.07	CMS-K/Lin7287	119.83
FA/Linyuan801	112.03	CMS-K/Wangfeng369	114.44
FA/Linfen8524	114.67	CMS-K/Chang7080	117.89
FA/16 Zhan16	110.95	CMS-K/Jimai22	115.56
FA/15 Guan319	109.34	CMS-K/Ayc09	111.27
FA/NS106	107.45	CMS-K/Yannong999	110.83
FA/CA9727	106.94	CMS-K/Linhan9	110.00
FA/Qingchun38	106.79	CMS-K/Yunhan137	108.11
FA/Taiyuan5293	105.91	CMS-K/Hengyan56	106.95
FA/15 Zhan23	105.09	CMS-K/94G518	106.12
FA/Shannong13295	104.64	CMS-K/Xinong2611	105.14
FA/204L15 Xuansui	103.13	CMS-K/AQ012	104.40
FA/Xinmai26	101.46	CMS-K/Yunmai1539	103.54
FA/14Zhan19	101.19	CMS-K/Lin Y8155	102.22
FA/Xuke316	100.56	CMS-K/Womai323	101.00
FA/Wangfeng369	19.38	CMS-K/Shannong88069	19.32
FA/Lian5105	17.28	CMS-K/Bao8696	14.29
FA/15Zhan11	16.67	CMS-K/Nongda3291	16.88
FA/Wenhang6	17.22	CMS-K/Ke1201	12.87
FA/Linyu5	15.93	CMS-K/Ji8906069	9.55
FA/Fengyou8	12.35	-	-

Note: CMS-K and FA represent K-type and F-type male sterile lines respectively