

RosBREED SNP Discovery Panels

Crop	No.	Genotype	Species	Notes
Apple	1	Honeycrisp	<i>M. domestica</i>	Parent, widely grown
	2	Royal Gala	<i>M. domestica</i>	Parent, widely grown
	3	GMAL 4455	<i>M. sieversii</i>	Elite parent from Kazakstan
	4	Braeburn	<i>M. domestica</i>	Parent, widely grown
	5	M. floribunda 821	<i>M. floribunda</i>	Original sources of apple scab resistance
	6	Delicious	<i>M. domestica</i>	Founder, widely grown
	7	Spendour	<i>M. domestica</i>	Parent, excellent fruit quality
Peach	1	O'Henry	<i>P. persica</i>	Founder, good fruit quality
	2	Clayton	<i>P. persica</i>	Parent, resistant to bacterial spot, very good fruit quality
	3	Elberta	<i>P. persica</i>	Founder
	4	Chinese Cling	<i>P. persica</i>	Founder
	5	Redhaven	<i>P. persica</i>	Widely used parent, high fruit quality
	6	Georgia Belle	<i>P. persica</i>	Used as a parent in CA, very good fruit quality, highly heterozygous
	7	Dr. Davis	<i>P. persica</i>	Used as a parent in CA, very good processing fruit quality
Cherry	1	Emperor Francis	<i>P. avium</i>	Founder
	2	Cristobalina	<i>P. avium</i>	Spanish landrace
	3	Krupnoplodnaya	<i>P. avium</i>	Ukrainian variety with very large fruit size
	4	Regina	<i>P. avium</i>	Czech variety, good fruit quality, very late bloom
	5	Lambert	<i>P. avium</i>	Founder
	6	Montmorecy	<i>P. cerasus</i>	Founder
	7	Ujfehertoi Furtos	<i>P. cerasus</i>	Founder – Hungarian variety
	8	R1(1)	<i>P. cerasus</i>	Introgression with <i>P. maackii</i> – resistance to cherry leaf spot
	9	23 23 (13)	<i>P. cerasus</i>	Introgression with <i>P. canescens</i> – resistant to cherry leaf spot
	10	Rh. Schattenmorelle	<i>P. cerasus</i>	Founder – German cultivar

Crop	No.	Genotype	Species	Notes
Strawberry	1	Scotts Creek	<i>F. chiloensis</i>	Used as a parent in breeding programs across the US
	2	RH30	<i>F. virginiana</i>	Used as a parent as a source of remontancy
	3	Earliglow	<i>F. ananassa</i>	Gold standard for fruit flavor, very disease resistant
	4	Selva	<i>F. ananassa</i>	Day neutral mapping parent
	5	Sweet Charlie	<i>F. ananassa</i>	Widely used parent, resistant to anthracnose, no chilling requirement
	6	Honeoye	<i>F. ananassa</i>	Founder, widely grown
	7	Tribute	<i>F. ananassa</i>	Founder, heat tolerant, day-neutral, no chilling requirement