

Genetic. VGS 2. GS-5. Pedigree - Single plant selection from a natural crossing study of Florigiant, a large-seed Virginia-type (female parent) / krinkle leaf mutant (male parent). Krinkle-leaf mutant. Increased seed size over the original small-seeded krinkle mutant. Plants similar to the krinkle leaf mutant with erect growth habit, dark green, wrinkled leaves, and flowers on the main stem. Pods similar to Florigiant with Virginia-type shape, slight constriction and reticulation, and mostly two-seeded. Seed light pink with 100 seed weight of 63g compared to 76g for Florigiant and 27g for krinkle. Percentage of fancy pods 77% and extra large kernels 12%. Source of dominant mutant krinkle leaf for use in genetic studies.

- PI 584772. *Arachis hypogaea* L.
Breeding. VGP 10; VP 8129. Excellent fatty acid content (highest 0/2 ration of released VA-types) and higher E2K content than other VA-types. Seed color tan and intermediate growth habit.
- PI 584773. *Arachis hypogaea* L.
Breeding. VGP 11; VA 861101. Moderate resistance to southern corn rootworm. Higher yields than current cultivars on "heavier" soils where rootworm is a problem and equal yields on lighter soils. Better blanching traits than NC 6, the only resistant cultivar currently available. Seedcoat pink and spreading growth habit.
- PI 584774. *Arachis hypogaea* L.
Breeding. VGP 12; VA 931093. Combination of non-nodulating trait and large seed size.
- PI 584775. *Arachis hypogaea* L.
Breeding. VGP 13; VA 931094. Combination of non-nodulating trait and large seed size.
- PI 584776. *Arachis hypogaea* L.
Breeding. VGP 14; VA 931095. Combination of non-nodulating trait and large seed size.
- PI 584777. *Arachis hypogaea* L.
Breeding. VGP 15; VA 931097. Combination of non-nodulating trait and large seed size.
- PI 584778. *Arachis hypogaea* L.
Breeding. VGP 16; VA 930835. Combination of non-nodulating trait and large seed size.
- PI 584779. *Arachis hypogaea* L.
Breeding. VGP 17; VA 930836. Combination of non-nodulating trait and large seed size.
- PI 584780. *Arachis hypogaea* L.
Breeding. VGP 18; VA 930837. Combination of non-nodulating trait and large seed size.

The following were donated by P. Hanelt, Zentralinstitut für Genetik u. Kultur., Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received 12/24/1991.

- PI 584781. *Secale cereale* L.
Landrace. SN-2202; HR 1014/88; NSGC 451. Collected 08/20/1987 in Georgia. Elevation 1800 m. Dartio, Tal der Parikita Alazani, northwest of Osalo, Rayon Achaeta, historical province Tuschetien.
- PI 584782. *Secale cereale* L.
Landrace. SN-2205; HR 1015/88; NSGC 452. Collected 08/20/1987 in Georgia