

Spearman coefficients of correlation [per accession]

Shell Integrity	-10	-12	-20	-18	-11	-1	-17	8	-16	-17	12	0	2	-1	-21	-15	4	-14	-18	4	25	2	-9	19	7	8	-11	-12	-22	-19	-19	-18	6	13	-23	-19	-1	-8	17	-11	-10	-17	1	22	7	-10	-14	-8	21
Shell Texture	17	18	23	16	71	3	27	-72	21	20	-66	-78	-2	-3	19	5	24	10	11	-23	11	-12	72	12	10	21	10	9	12	8	9	10	6	-17	1	0	12	0	-11	-9	-14	-7	-5	6	0	13	-21	-4	23
Shell Color	34	11	19	20	36	26	25	-37	24	23	-22	-43	-28	-21	8	23	30	21	-12	2	18	0	36	21	6	23	31	11	13	26	21	22	-19	5	19	17	24	29	-16	3	2	-24	1	23	19	25	-12	-8	16
Shell Seal	-10	-4	-5	-10	6	-9	-8	-7	-10	-9	-7	-10	8	9	-21	-10	16	8	-29	5	34	36	7	29	20	22	-8	-9	-18	-9	-13	-14	-9	13	-18	-17	15	-20	-3	-22	-14	-16	-13	-3	2	3	-35	18	24
Shell Strength	11	-2	-3	0	5	14	0	-6	0	0	0	-7	-13	-15	-31	6	52	21	-60	16	73	39	5	71	27	48	8	-4	-14	4	-3	-3	-22	34	-8	-9	25	-1	5	-19	-11	-58	-26	19	21	25	-56	-1	59
Shell Thickness	16	8	9	10	13	14	11	-13	10	10	-11	-11	-14	-12	-22	14	63	23	-54	8	77	23	13	81	28	54	10	4	-3	10	5	5	-21	31	-2	-2	22	3	8	-18	-9	-66	-31	18	16	32	-58	-15	69
Packing Tissue	5	-2	0	0	0	1	-1	0	0	0	1	-1	-3	2	-13	-2	28	13	-20	-3	33	17	0	35	24	31	3	-4	-8	-2	-4	-4	-2	3	3	1	11	2	-1	4	4	-21	14	31	7	12	-30	2	30
Kernel Fill	-19	-15	-17	-18	-26	-8	-21	26	-20	-19	24	24	8	7	-45	10	5	3	-63	60	32	35	-26	29	1	4	-5	-3	-7	8	-5	-6	-48	54	-7	-7	4	-2	4	-26	-9	-31	-11	10	-1	7	7	-11	1
Tip Shrivel	40	11	21	27	14	35	27	-14	28	27	-3	-12	-35	-31	22	22	16	27	7	-9	-8	2	14	1	2	12	32	11	14	26	23	23	-15	-7	18	6	31	20	-23	-7	-18	5	4	3	21	23	-3	15	-1
Minor Shrivel	2	8	3	3	0	-1	2	-1	3	3	4	-6	1	-1	4	0	-5	6	5	-8	-7	5	1	-8	1	-2	2	5	-2	1	1	1	2	-4	1	-1	1	0	0	4	2	9	-5	-14	6	1	2	14	-7
Major Shrivel	10	3	1	1	14	10	5	-14	3	3	-11	-10	-9	-11	1	-1	5	-3	4	-10	6	-3	14	3	7	10	3	3	-5	1	0	0	5	-3	0	1	-1	-1	-1	5	7	-4	11	16	7	1	-8	3	10
Plumpness	6	5	12	9	6	-2	9	-5	8	9	-9	-4	0	4	-10	26	6	14	-28	39	2	15	5	4	-8	0	14	15	16	32	19	18	-56	25	11	9	8	11	-27	-26	-13	-13	-8	0	-10	20	18	-5	-15
Ease Of Removal	-5	-4	-5	-8	-2	-3	-8	1	-8	-8	-1	1	3	2	-27	-1	25	12	-40	13	43	33	-1	40	30	35	-5	-2	-8	1	-6	-7	-24	16	-7	-8	13	-8	-5	-19	-9	-33	-1	26	3	10	-33	4	31
Kernel Weight Ratio	-15	1	0	-2	-22	-20	-5	24	-4	-3	18	23	20	19	19	7	-60	-10	38	16	-82	-13	-23	-81	-35	-58	-3	10	20	9	9	9	-4	-15	12	14	-16	4	-12	8	9	65	21	-30	-26	-17	78	13	-88
Blank	15	2	8	8	15	18	10	-15	9	8	-11	-10	-18	-14	0	14	12	10	-8	5	9	-2	15	11	6	14	17	1	6	11	9	10	-4	10	11	11	9	15	2	3	5	-8	4	4	16	15	-6	-5	9
	Nut Length	Nut Height	Nut Width	Nut Volume	Nut VA3D	Nut Feret Ratio	Nut Surface Area	Nut Sphericity	Nut Convex Surface Area	Nut Convex Volume	Nut Ratio Convex Area	Nut Ratio Convex Volume	Krumbein Index	Sneed Index	Air Volume	Kernel Volume	Shell Volume	Packing Volume	Air Vol Ratio	Kernel Vol Ratio	Shell Vol Ratio	Packing Vol Ratio	Shell Rugosity	Shell Thickness	Protruding Shell Ratio	Protruding Shell Volume	Kernel Length	Kernel Height	Kernel Width	Kernel Surface Area	Kernel Convex Volume	Kernel Convex Area	Kernel Ratio Convex Area	Kernel Ratio Convex Volume	Kernel Cavity Area	Kernel Cavity Volume	Kernel Arc Height	Kernel Cavity Height	Kernel Sphericity	Kernel Ratio Cavity Area	Kernel Ratio Cavity Volume	Density Kernel vs Shell	Density Packing vs Shell	Density Packing vs Kernel	Kernel Feret Ratio	Nut Vol wo Air	Kernel Vol Ratio wo Air	Packing Vol Ratio wo Air	Shell Vol Ratio wo Air