

2018 SCN & UT Regional entries for SCN screening

2500 eggs	HG Type 0			
	initial		retest	
	mean	Fl	mean	Fl
4 reps				
Lee	301		140	
PI548402	0	0	0	0
PI88788	3	1	3	2
PI90763	0	0	0	0
PI437654	0	0	0	0
PI209332	2	1	4	3
PI89772	0	0	0	0
PI548316	13	4	7	5
PI438489B	26	9	10	7
Pickett	10	3	1	1

2000 eggs	HG Type 2.5.7			
	initial		retest	
	mean	Fl	mean	Fl
4 reps				
Lee	203		284	
PI548402	0	0	0	0
PI88788	91	45	94	33
PI90763	0	0	0	0
PI437654	0	0	0	0
PI209332	115	56	108	38
PI89772	0	0	0	0
PI548316	137	67	139	49
PI438489B	9	5	52	18
Pickett	7	3	17	6

* = small root
 . = missing sample
 **=rep data too variable to rate

SCN Reg test	Uniform Reg test	screen #	ent.	Strain	HG Type 0							HG Type 2.5.7							SCN Resistance source
					rep1	rep2	rep3	mean	cv	Fl	rating	rep1	rep2	rep3	mean	cv	Fl	rating	
18SCN U00	18UT 00	1	1	MN0083	274	144	279	232	33	77	NR	192	152	135	160	18	79	NR	
18SCN U00,0	18UT 00,0	2	2	MN0095	130	102	140	124	16	41	LR	202	194	151	182	15	90	NR	none
18SCN U00	18UT 00	3	3	ND Henson	219	208	189	205	7	68	NR	145	143	136	141	3	70	NR	none
18SCN U00		4	4	MN0208CN	30	35	19	28		9	HR	133	127	121	127	5	63	NR	PI 88788
18SCN U00		5	5	M12-357057	9	1	33	14		5	HR	147	27	41	72	92	35	retest	PI 88788
18SCN U00		5	5	M12-357057								137	118	148	134	11	47	LR	
18SCN U00		6	6	M12-366065	23	40	31	31		10	R	105	76	136	106	28	52	LR	PI 88788
18SCN U00		7	7	MCH13-108037	15	51	21	29		10	R	201	186	177	188	6	93	NR	PI 88788
18SCN U00		8	8	MCH13-109053	85	107	125	106	19	35	MR	187	169	167	174	6	86	NR	PI 88788
18SCN U00		9	9	MCH13-109062	257	123	68	149	65	50	retest	156	119	105	127	21	62	NR	PI 88788
18SCN U00		9	9	MCH13-109062	34	21	18	24	35	17	R								
18SCN U0	18UT 0,I	10	1	ND Stutsman	206	141	205	184	20	61	NR	85	148	135	123	27	60	NR	none
18SCN U0	18UT 0	11	3	MN0404CN	21	27	59	36		12	R	95	195	206	165	37	81	NR	
18SCN U0	18UT 0	12	5	M08-362045L	14	9	8	10		3	HR	145		97	121	28	60	LR	PI 88788
18SCN U0		13	6	M12-354012	19	6	8	11		4	HR	158	137	153	149	7	74	NR	PI 88788
18SCN U0		14	7	M12-386012	142	56	238	145	63	48	retest	159	133	137	143	10	70	NR	PI 88788
18SCN U0		14	7	M12-386012	95	2	42	46	101	33	**								
18SCN U0		15	8	M12-440084	280	198	145	208	33	69	NR	130	201	193	175	22	86	NR	PI 88788
18SCN U0		16	9	MCH13-104189	207	78	48	111	76	37	retest	115	106	117	113	5	56	LR	PI 88788
18SCN U0		16	9	MCH13-104189	50	31	50	44	25	31	MR								
18SCN U0		17	10	ND Benson	107	48	66	74	41	25	retest	137	78	143	119	30	59	LR	PI 88788
18SCN U0		17	10	ND Benson	1	0	0*	1		0	HR								
18SCN U0		18	11	ND14-2194	74	59	111	81	33	27	MR	104	149	94	116	25	57	LR	PI 88788
18SCN U0		19	12	ND14-2671	55	29	25	36		12	R	103	101	91	98	7	48	LR	PI 88788
18SCN U0		20	13	ND14-2678	22	15	7	15		5	HR	93	106	111	103	9	51	LR	PI 88788
18SCN U0	18PT 0	21	14	ND14-3606	265	169	144	193	33	64	NR	90	133	126	116	20	57	LR	PI 88788
18SCN U0	18PT 0	22	15	ND14-3926	24	118	45	62		21	R	112	118	102	111	7	55	LR	PI 88788
18SCN U0	18PT 0	23	16	ND14-4507	61	102	48	70		23	R	126	124	117	122	4	60	NR	PI 88788
18SCN U I,0	18UT I,0	24	1	MN1410	247	194	227	223	12	74	NR	187	172	178	179	4	88	NR	None
18SCN U I,II	18UT I,II	25	2	IA1022 (SCN)	61	58	94	71		24	R	103	114	113	110	6	54	LR	PI 88788
18SCN U I	18UT I	26	4	U11-917032	22	86	33	47		16	R	126	132	119	126	5	62	NR	PI 88788
18SCN U I		27	5	AR15-158072	75	17	38	43		14	R	193	179	165	179	8	88	NR	PI 88788
18SCN U I		28	6	AR16-162109	126	31	23	60		20	R	103	131	181	138	29	68	NR	PI 88788
18SCN U I		29	7	AR17-179006	145	126	104	125	16	42	LR	172	155	143	157	9	77	NR	PI 507354/Peking/ PI 88788
18SCN U I		30	8	AR17-179015	2	3	0	2		1	HR	3	111	96	70	84	34	retest	PI 507354/Peking/ PI 88788
18SCN U I		30	8	AR17-179015								3	4	4	4		1	HR	
18SCN U I		31	9	AR17-279008	72	118	70	87	31	29	MR	79	143	138	120	30	59	LR	PI 507354/Peking/ PI 88788
18SCN U I		32	10	AR17-279009	0	18	0	6		2	HR	5	124	119	83	81	41	retest	PI 507354/Peking/ PI 88788
18SCN U I		32	10	AR17-279009								4	125	3	44	159	15	**	
18SCN U I	18UT I	33	11	E15338	28	21	29	26		9	HR	94	172	153	140	29	69	NR	PI 88788
18SCN U I		34	12	E16346	14	49	19	27		9	HR	97	187	151	145	31	71	NR	PI 88788
18SCN U I	18UT I	35	13	LD14-4098a	19	21	2	14		5	HR	99	89	102	97	7	48	LR	PI 88788
18SCN U I		36	14	M12-373033	11	51	26	29		10	R	76	124	118	106	25	52	LR	PI 88788
18SCN U I		37	15	M12-373060	48	23	46	39		13	R	66	61	64	64	4	31	MR	PI 88788
18SCN U I		38	16	M12-386029	58	30	65	51		17	R	131	136	140	136	3	67	NR	PI 88788
18SCN U I		39	17	MCH13-104087	39	14	65	39		13	R	123	87	131	114	21	56	LR	PI 88788
18SCN U I		40	18	MCH13-104091	48	36	33	39		13	R	209	189	173	190	9	94	NR	PI 88788
18SCN U I		41	19	MCH13-104132	14	109	65	63		21	retest	164	111	91	122	31	60	NR	PI 88788
18SCN U I		41	19	MCH13-104132	3	17	2	7		5	HR								
18SCN U I		42	20	MCH13-108027	29	31	13	24		8	HR	92	134	140	122	21	60	NR	PI 88788

**=rep data too variable to rate

SCN Reg test	Uniform Reg test	screen #	ent. Strain	HG Type 0							HG Type 2.5.7							SCN Resistance source
				rep1	rep2	rep3	mean	cv	FI	rating	rep1	rep2	rep3	mean	cv	FI	rating	
18SCN P IV		149	6 JTN-4318	*78	14*	138	138		46	retest	59	137	122	106	39	52	LR	PI 494182
18SCN P IV		149	6 JTN-4318	34	50	32	39	26	28	MR								
18SCN P IV		150	7 K16-1390	34	*4	6	20	99	7	retest	47	129	134	103	47	51	retest	PI 88788
18SCN P IV		150	7 K16-1390	2	3	5	3		2	HR	163	149	156	156	4	55	LR	PI 88788
18SCN P IV		151	8 K16-1403	29	26	33	29		10	R	52	141	136	110	46	54	LR	PI 88788
18SCN P IV		152	9 K16-1430	6	5	5	5		2	HR	69	104	97	90	21	44	LR	PI 88788
18SCN P IV		153	10 K16-1444	30	44	46	40		13	R	39	118	108	88	49	44	LR	PI 88788
18SCN P IV		154	11 K16-1445	13	11	4	9		3	HR	72	53	46	57	24	28	MR	PI 88788
18SCN P IV		155	12 K16-1543	48	24	10	27		9	HR	186	104	106	132	35	65	NR	PI 88788
18SCN P IV		156	13 LD15-3818	78	57	42	59		20	R	130	122	128	127	3	62	NR	PI 88788
18SCN P IV		157	14 LD15-8589	19	3	4	9		3	HR	100	110	117	109	8	54	LR	PI 88788, 468916
18SCN P IV		158	15 LD15-9214	2	2	0	1		0	HR	42	52	70	55	26	27	MR	PI 88788, 567516C
18SCN P IV		159	16 LD16-2955	58	52	11	40		13	R	127	181	172	160	18	79	NR	PI 88788, 437654
18SCN P IV		160	17 LD16-8745	28	39	47	38		13	R	131	158	173	154	14	76	NR	PI 88788
18SCN P IV		161	18 LD16-8753	64	47	36	49		16	R	87	69	57	71	21	35	MR	PI 88788
	18UT 0	162	6 M11-244139	172	231	84	162	46	54	retest	121	153	144	139	12	69	NR	
	18UT 0	162	6 M11-244139	9	7	8	8		6	HR								
	18UT 0	163	7 M11-245026	300	60	68	143	96	47	retest	149	128	147	141	8	70	NR	
	18UT 0	163	7 M11-245026	25	9	13	16		11	R								
	18UT 0	164	8 M11-271059	22	11	36	23		8	HR	115	127	119	120	5	59	LR	
	18UT 0	165	9 M11-271062	43	71	28	47		16	R	85	99	94	93	8	46	LR	
	18UT 0	166	13 ND14-2671	38	16	61	38		13	R	76	142	149	122	33	60	NR	
	18UT I	167	7 M11-241015	95	42	31	56		19	R	105	112	143	120	17	59	LR	
	18UT I	168	10 MSC09-774089	15	24	22	20		7	HR	95	110	166	124	30	61	NR	
	18UT I	169	11 ORC 3713N	41	54	13	36		12	R	111	141	134	129	12	63	NR	
	18UT II	170	8 DSN11-12073	45	11	39	32		11	R	143	104	140	129	17	64	NR	
	18UT II	171	9 DSN11-12119	11	17	10	13		4	HR	96	110	102	103	7	51	LR	
	18UT II	172	10 E14077	15	34	10	20		7	HR	94	109	113	105	10	52	LR	
	18PT IIA	173	7 AR17-178033	192	225	204	207	8	69	NR	99	86	94	93	7	46	LR	
	18PT IIB	174	8 LD15-443	191	148	176	172	13	57	LR	92	178	167	146	32	72	NR	
	18PT IIB	175	9 LD15-526	216	311	1*	264	25	88	NR	127	160	142	143	12	70	NR	
	18PT IIB	176	10 LD15-531	207	2	163	124	87	41	retest	108	74	70	84	25	41	LR	
	18PT IIB	176	10 LD15-531	47	29	32	36	27	26	MR								
	18PT IIB	177	11 LD15-544	168	131	186	162	17	54	LR	148	183	178	170	11	84	NR	
	18PT IIB	178	12 LD16-4462a	25	51	36	37		12	R	76	107	101	95	17	47	LR	
	18PT IIB	179	13 LD16-4471a	37	24	21	27		9	HR	157	214	208	193	16	95	NR	
	18PT IIB	180	15 U15-224117	187	142	188	172	15	57	LR	147	155	163	155	5	76	NR	
	18PT IIB	181	20 U16-905090	233	219	239	230	4	77	NR	169	174	184	176	4	87	NR	
	18PT IIB	182	21 U16-909058	260	156	227	214	25	71	NR	147	140	148	145	3	71	NR	
	18PT IIB	183	22 U16-909085	121	183	94	133	34	44	LR	146	109	96	117	22	58	LR	
	18PT IIB	184	23 U16-910073	145	290	201	212	34	71	NR	142	122	131	132	8	65	NR	
	18PT IIB	185	25 U16-914101	144	201	148	164	19	55	LR	68	204	134	135	50	67	NR	
	18PT IIB	186	26 U16-929037	137	141	187	155	18	52	LR	104	114	168	129	27	63	NR	
	18PT IIB	187	28 U16-930010	226	157	140	174	26	58	LR	75	97	105	92	17	45	LR	
	18UT III	188	5 CR145192	92	92	59	81	24	27	MR	136	145	149	143	5	71	NR	
	18UT III	189	6 CR145524	180	178	177	178	1	59	LR	87	147	156	130	29	64	NR	
	18UT III	190	7 CR145764	49	83	79	70		23	R	119	105	96	107	11	53	LR	
	18UT III	191	9 CR146131	6	33	29	23		8	HR	80	146	133	120	29	59	LR	
	18UT III	192	12 CR148383	0	31	3	11		4	HR	54	123	108	95	38	47	LR	
	18UT III	193	15 LD14-1429	28	49	10	29		10	R	81	116	104	100	18	49	LR	
	18UT III	194	17 LD14-3702	187	30	119	112	70	37	retest	113	121	125	120	5	59	LR	
	18UT III	194	17 LD14-3702	0	8	14	7		5	HR								
	18PT IIIA	195	20 LD15-1628	22	12	7	14		5	HR	46	115	106	89	42	44	LR	
	18PT IIIA	196	21 LD15-3174	88	55	28	57		19	R	119	91	175	128	33	63	NR	
	18PT IIIA	197	22 LD15-5372a	13	43	41	32		11	R	151	106	93	117	26	57	LR	
	18PT IIIA	198	23 LD15-5776793	18	29	19	22		7	HR	54	49	45	49		24	R	
	18PT IIIA	199	24 LD15-5782791	25	51	7	28		9	HR	82	73	81	79	6	39	MR	
	18PT IIIA	200	25 LD15-5789800	18	19	9	15		5	HR	48	55	63	55	14	27	MR	
	18PT IIIA	201	26 LD15-6275	3	18	9	10		3	HR	197	182	177	185	6	91	NR	
	18PT IIIA	202	27 LD15-6762	73	77	59	70		23	R	106	98	144	116	21	57	LR	
	18PT IIB	203	14 U15-203099	159	98	155	137	25	46	LR	70	140	117	109	33	54	LR	

**=rep data too variable to rate

SCN Reg test	Uniform Reg test	screen #	ent.	Strain	HG Type 0							HG Type 2.5.7							SCN Resistance source
					rep1	rep2	rep3	mean	cv	FI	rating	rep1	rep2	rep3	mean	cv	FI	rating	
	18PT IIIB	204	24	U16-902058	334	244	259	279	17	93	NR	96	178	159	144	30	71	NR	
	18UT IV	205	8	K15-1008	25	55	61	47		16	R	62	111	102	92	28	45	LR	
	18UT IV	206	9	K15-1283	52	27	37	39		13	R	120	103	92	105	13	52	LR	
	18UT IV	207	10	LD14-2880	26	40	28	31		10	R	90	118	123	110	16	54	LR	
	18UT IV	208	11	LD14-6766	129	22	63	71		24	retest	127	98	87	104	20	51	LR	
	18UT IV	208	11	LD14-6766	11	6	8	8		6	HR								
	18UT IV	209	16	SA14-5754	13	108	14	45		15	retest	100	127	134	120	15	59	LR	
	18UT IV	209	16	SA14-5754	4	1	1	2		1	HR								
	18UT IV	210	17	SA14-5854	12	14	28	18		6	HR	135	146	150	144	5	71	NR	
	18UT 00 TM	211	1	AG00632 (00)	31	78	37	49		16	R	103	136	123	121	14	59	LR	
	18UT 0 TM	212	1	AG0536 (0)	37	65	28	43		14	R	62	114	106	94	30	46	LR	