

2020 Summary of 18APP2  
NexGen Plant Science Center  
Albany, OR

SUBJECTIVE Data  
Year = 2019-2020

Table color legend:

Top Stat. Grp.	Within 2 x LSD	Within 3 x LSD	Within 4 x LSD	Within 5 x LSD	> 6 x LSD away
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CV	7.34	30.12	30.75	14.64	23.17	15.36	9.56	42.18	6.89	8.70	27.76	11.14
LSD (0.05)	7.69	1.44	0.79	1.07	1.98	0.89	9.55	1.76	0.70	0.68	2.14	0.83

SPONSOR	CULTIVAR	Percent Cover	Cover	Genetic Color	Density	Uniformity	Turf Quality	Percent Cover	Cover	Genetic Color	Density	Uniformity	Turf Quality
		Winter 2019	Winter 2019	Winter 2019	Winter 2019	Winter 2019	Winter 2019	Winter 2020	Winter 2020	Winter 2020	Winter 2020	Winter 2020	Winter 2020
Columbia	NAI-13-9	63.67	1.00	1.00	5.22	7.55	3.94	67.61	1.75	5.93	6.06	5.59	5.17
Columbia	NAI-13-14	63.75	1.00	1.00	5.18	5.83	3.49	73.20	2.17	6.41	6.02	5.59	5.05
Vista	Mazama	67.87	1.00	1.17	5.29	7.15	3.66	78.12	3.17	7.36	6.02	5.59	5.88
Columbia	Blue Devil	76.86	3.31	1.58	5.67	7.52	4.52	66.21	1.12	5.77	6.00	5.98	4.74
Check	Midnight	58.79	1.07	1.00	5.24	7.55	3.97	73.79	2.01	6.32	5.88	5.19	4.85
Columbia	NAI-13-132	57.90	1.00	1.00	4.66	5.49	3.78	63.15	1.00	5.85	5.98	5.93	4.94
ProSeeds	NAI-17-88	84.24	4.80	3.54	5.14	5.09	4.89	82.32	4.29	9.00	5.06	5.59	6.18
Columbia	NAI-15-84	82.86	4.43	3.74	5.16	5.74	4.77	77.64	3.04	9.00	6.14	3.23	5.35
ProSeeds	Ginney II	58.02	1.00	1.00	5.43	5.98	3.35	75.10	2.36	6.61	5.75	5.98	5.17
ProSeeds	Mystere H2O	96.23	5.98	5.68	5.89	5.93	6.62	85.93	5.25	9.00	6.53	5.71	6.62
Pennington	Mallard	79.78	3.61	2.66	5.21	5.00	4.12	89.24	5.13	9.00	6.55	5.59	7.12
ProSeeds	NAI-17-92	92.78	7.98	3.42	4.67	5.71	5.22	76.85	2.83	6.22	5.22	5.78	5.51
Columbia	NAI-14-133	77.02	3.06	2.22	7.05	6.30	4.66	75.55	2.48	9.00	7.19	3.20	5.47
Check	AKB1925	64.60	1.09	1.00	5.93	7.52	3.88	36.58	1.00	6.23	6.33	5.34	4.72
Vista	Quartz	67.65	1.34	1.13	5.52	6.10	3.52	76.91	2.88	7.63	5.80	5.12	5.71
Check	AKB1162	58.87	1.00	1.00	5.06	7.52	3.55	87.14	5.57	9.00	4.91	5.29	6.89
Columbia	NAI-14-128	74.01	2.09	1.46	5.07	5.12	3.44	73.91	3.69	8.70	6.48	4.84	5.93
Columbia	NAI-14-187	76.35	3.03	2.08	5.78	4.64	4.11	78.58	3.45	9.00	6.69	1.62	5.19
ProSeeds	Zip	81.67	4.11	1.06	5.29	5.89	4.58	55.81	1.00	5.83	6.69	3.17	4.18
ProSeeds	NAI-11-644	86.01	5.27	2.31	5.21	5.65	4.61	82.72	4.39	7.92	6.40	5.48	6.10
Check	AKB1892	74.86	2.30	1.14	5.13	5.84	3.85	76.84	2.92	6.77	5.09	5.12	5.40
ProSeeds	A16-8	79.90	3.64	1.90	4.36	6.01	3.98	78.22	3.19	9.00	5.42	5.48	5.82
Columbia	NAI-12-41	74.35	2.35	1.00	5.20	5.83	3.80	45.88	1.00	5.30	7.55	4.60	4.49
Columbia	NAI-14-122	76.16	2.64	1.81	5.48	7.05	4.47	76.10	2.63	9.00	7.52	2.95	5.53
ProSeeds	PPG-KB1316	80.78	3.87	2.12	5.01	5.56	4.14	77.16	2.91	8.43	5.96	7.14	6.21
ProSeeds	A15-21	66.72	1.33	1.00	5.61	5.81	3.69	74.79	2.48	6.88	5.33	5.48	5.27
NexGen	AKB3241(Engeti)	80.14	3.70	2.24	5.27	5.42	4.15	73.32	2.18	7.84	5.85	5.74	5.40
Check	AKB3208	90.07	6.35	2.99	5.03	2.72	4.27	72.87	1.95	7.77	5.75	5.49	5.36
ProSeeds	A04-383	76.55	2.74	1.00	4.07	6.01	3.46	78.41	3.24	5.02	4.38	5.56	4.55
Check	Snap	80.74	3.86	2.19	5.49	5.89	4.89	82.49	4.33	8.72	5.50	3.76	5.58
Check	AKB3169	69.85	2.39	1.38	4.88	5.79	4.23	47.47	1.00	5.96	5.70	5.59	4.77
Columbia	Rubicon	92.90	7.11	1.16	3.57	7.55	4.76	83.91	4.71	6.85	4.02	5.81	5.35
NexGen	KH3492(Tejas)	78.81	3.64	1.57	4.67	6.07	3.99	87.64	5.79	7.50	5.59	5.74	6.38
ProSeeds	A08-2	92.69	7.05	3.63	4.64	6.10	5.36	83.17	4.51	8.61	5.82	5.48	6.33
Check	Rockstar	86.38	5.37	2.47	5.14	5.53	4.63	81.70	4.12	7.65	5.52	7.20	6.12
Check	AKB3348	54.66	1.00	1.00	5.44	6.45	3.47	55.48	1.00	5.23	4.63	5.56	4.11
Check	Shamrock	82.07	4.22	1.79	5.05	5.95	4.25	82.68	4.18	8.32	5.70	5.58	6.25
ProSeeds	15-105	82.46	4.32	2.21	4.50	6.18	4.30	77.66	3.28	8.71	4.89	4.81	5.42
ProSeeds	Diva	89.29	6.08	2.14	5.32	7.81	5.29	82.10	4.23	7.34	5.48	5.53	5.97
ProSeeds	A15-18	80.40	3.77	1.62	4.98	4.43	3.70	76.90	3.10	8.32	4.95	5.84	5.55
Columbia	Rubix	91.82	5.32	2.03	4.97	6.15	5.00	87.33	5.82	7.35	4.60	7.76	6.33
ProSeeds	PPG-KB1304	84.39	4.84	3.19	5.42	6.27	4.93	77.38	2.97	8.35	5.27	3.89	5.12
Columbia	NAI-13-1	80.10	3.69	1.00	5.18	5.72	4.15	26.10	1.00	4.88	6.03	4.16	4.02

Percent Cover = % Cover (5 ratings)  
Average Cover = 1-9; 9=Most Cover  
Genetic Color = 1-9; 9=Darkest  
Density = 1-9; 9=Most Dense  
Uniformity = 1-9; 9=Most Uniform  
Turf Quality = 1-9; 9=Best

Winter 2019 = 1 Rating  
Winter 2020 = 1 Rating  
Average 2019 = 3 Ratings  
Average 2020 = 3 Ratings

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Table color legend:

CV	2.16	4.81	1.55	5.18	11.25	3.84	1.06	3.55	8.65	7.69	17.05	6.48
LSD (0.05)	2.77	0.50	0.13	0.37	1.05	0.34	1.36	0.36	0.45	0.58	1.51	0.51

SPONSOR	CULTIVAR	Yearly Average Percent Cover 2019	Yearly Average Cover 2019	Yearly Average Genetic Color 2019	Yearly Average Density 2019	Yearly Average Uniformity 2019	Yearly Average Turf Quality 2019	Yearly Average Percent Cover 2020	Yearly Average Cover 2020	Yearly Average Genetic Color 2020	Yearly Average Density 2020	Yearly Average Uniformity 2020	Yearly Average Turf Quality 2020
Columbia	NAI-13-9	97.63	8.17	6.34	5.41	6.73	6.71	96.59	8.09	4.58	6.10	7.43	6.55
Columbia	NAI-13-14	97.69	8.18	6.37	4.98	6.98	6.67	96.00	7.93	4.51	6.16	7.17	6.44
Vista	Mazama	98.15	8.10	6.50	5.78	6.22	6.75	95.18	7.72	4.53	6.41	6.37	6.26
Columbia	Blue Devil	97.01	8.10	6.32	5.03	7.80	6.79	95.92	7.91	4.25	5.33	6.70	6.10
Check	Midnight	97.85	8.43	6.33	5.04	7.17	6.74	96.66	8.11	4.61	5.46	6.41	6.15
Columbia	NAI-13-132	97.07	8.12	6.31	5.24	6.77	6.63	96.80	8.15	4.55	5.55	6.20	6.11
ProSeeds	NAI-17-88	94.30	7.48	6.85	5.78	5.91	6.50	92.93	7.12	5.45	6.07	6.13	6.21
Columbia	NAI-15-84	94.57	7.55	6.23	5.42	7.33	6.61	95.40	7.77	4.32	5.73	6.42	6.06
ProSeeds	Ginney II	97.48	8.12	6.33	5.30	6.33	6.72	96.36	8.03	4.24	5.12	6.17	5.92
ProSeeds	Mystere H2O	97.68	8.18	6.58	4.88	7.47	6.82	95.16	7.71	4.14	4.89	6.40	5.79
Pennington	Mallard	97.97	8.40	6.36	4.72	7.88	6.80	94.99	7.66	3.73	4.87	6.13	5.80
ProSeeds	NAI-17-92	97.62	8.18	6.25	5.67	6.68	6.74	96.31	8.02	3.13	5.43	6.20	5.85
Columbia	NAI-14-133	85.35	5.41	6.12	6.24	6.47	6.11	94.10	7.43	5.08	6.17	6.10	6.44
Check	AKB1925	97.19	8.15	6.41	5.17	6.98	6.70	93.71	7.33	3.97	4.75	7.10	5.82
Vista	Quartz	96.64	8.10	6.17	4.93	7.18	6.62	95.58	7.82	3.94	5.50	6.13	5.89
Check	AKB1162	93.77	7.34	6.42	4.92	7.21	6.47	91.42	6.72	3.93	5.97	7.40	6.03
Columbia	NAI-14-128	86.16	6.05	6.19	6.11	6.55	6.28	92.82	7.08	4.63	6.17	6.14	6.18
Columbia	NAI-14-187	88.09	5.97	6.18	6.42	6.35	6.23	93.41	7.24	4.53	6.44	6.70	6.23
ProSeeds	Zip	92.90	7.11	5.89	5.60	6.52	6.28	94.89	7.64	4.09	5.68	7.14	6.14
ProSeeds	NAI-11-644	94.77	7.61	6.03	5.23	7.23	6.53	95.06	7.68	2.78	5.46	7.10	5.88
Check	AKB1892	96.59	8.10	6.21	5.38	6.44	6.53	95.43	7.78	3.96	5.37	6.10	5.85
ProSeeds	A16-8	94.03	7.41	6.09	5.29	7.14	6.48	94.56	7.55	3.80	5.33	6.74	5.85
Columbia	NAI-12-41	92.22	6.93	5.73	5.14	6.09	6.20	95.63	7.84	4.06	5.50	7.10	6.10
Columbia	NAI-14-122	85.65	5.63	6.12	6.38	6.34	6.14	91.79	6.81	4.93	7.17	5.62	6.13
ProSeeds	PPG-KB1316	97.65	8.17	6.27	4.93	6.45	6.51	95.71	7.86	3.57	4.91	6.71	5.76
ProSeeds	A15-21	95.72	7.86	5.86	6.20	5.97	6.47	93.97	7.39	2.44	6.58	6.76	5.80
NexGen	AKB3241(Engeti)	96.33	8.12	6.26	5.10	6.61	6.49	94.33	7.49	4.16	5.74	5.60	5.75
Check	AKB3208	96.72	8.13	6.24	5.51	7.39	6.79	94.00	7.40	3.11	5.58	5.67	5.44
ProSeeds	A04-383	95.93	7.91	5.90	5.13	7.16	6.63	95.17	7.71	2.89	5.38	6.10	5.59
Check	Snap	82.43	4.96	6.04	6.44	7.13	6.14	92.23	6.93	3.77	5.81	7.10	6.02
Check	AKB3169	94.63	7.57	6.02	4.58	7.04	6.53	89.60	6.23	3.70	5.50	7.10	5.63
Columbia	Rubicon	97.54	8.15	5.72	4.15	7.88	6.52	94.99	7.67	2.41	5.16	7.80	5.57
NexGen	KH3492(Tejas)	96.17	7.98	5.76	5.25	7.47	6.61	93.91	7.38	2.30	5.59	6.14	5.48
ProSeeds	A08-2	96.91	8.18	6.54	5.13	6.08	6.48	93.05	7.15	4.31	5.30	5.30	5.51
Check	Rockstar	95.25	7.74	5.94	5.52	7.06	6.79	92.03	6.88	2.04	5.22	6.17	5.15
Check	AKB3348	95.05	7.68	6.19	5.11	6.30	6.32	94.13	7.44	4.61	4.94	5.28	5.57
Check	Shamrock	94.11	7.43	5.79	5.22	7.40	6.47	93.17	7.18	2.48	4.90	7.10	5.40
ProSeeds	15-105	95.92	7.91	5.77	3.92	7.17	6.22	95.47	7.79	3.19	4.62	6.44	5.56
ProSeeds	Diva	97.52	8.14	6.13	4.79	6.88	6.54	93.31	7.22	3.51	5.26	4.89	5.22
ProSeeds	A15-18	96.96	8.19	5.98	4.30	6.32	6.20	92.69	7.05	3.61	5.04	5.88	5.40
Columbia	Rubix	97.71	8.10	5.86	4.57	7.12	6.48	94.75	7.60	2.09	5.24	5.41	5.09
ProSeeds	PPG-KB1304	95.85	7.89	6.04	4.38	6.53	6.21	94.24	7.46	3.59	4.37	5.52	5.23
Columbia	NAI-13-1	84.23	5.08	5.58	5.34	5.66	5.41	97.47	8.11	3.38	4.70	7.11	5.95

Percent Cover = % Cover (5 ratings)  
Average Cover = 1-9; 9=Most Cover  
Genetic Color = 1-9; 9=Darkest  
Density = 1-9; 9=Most Dense  
Uniformity = 1-9; 9=Most Uniform  
Turf Quality = 1-9; 9=Best

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Table color legend:

CV	1.30	3.22	3.39	4.58	10.45	3.79
LSD (0.05)	1.66	0.33	0.23	0.34	0.95	0.32

SPONSOR	CULTIVAR	2019-2020 Average Percent Cover	2019-2020 Average Cover	2019-2020 Average Genetic Color	2019-2020 Average Density	2019-2020 Average Uniformity	2019-2020 Average Turf Quality
Columbia	NAI-13-9	97.11	8.13	5.46	5.76	7.08	6.63
Columbia	NAI-13-14	96.84	8.18	5.44	5.57	7.06	6.56
Vista	Mazama	96.67	8.11	5.51	6.10	6.30	6.51
Columbia	Blue Devil	96.47	8.08	5.29	5.18	7.26	6.45
Check	Midnight	97.25	8.27	5.47	5.25	6.79	6.44
Columbia	NAI-13-132	96.93	8.18	5.43	5.39	6.48	6.37
ProSeeds	NAI-17-88	93.62	7.30	6.35	5.93	6.07	6.36
Columbia	NAI-15-84	94.98	7.66	5.27	5.57	6.83	6.33
ProSeeds	Ginney II	96.92	8.18	5.28	5.22	6.88	6.32
ProSeeds	Mystere H2O	96.42	8.08	5.36	4.89	6.94	6.31
Pennington	Mallard	96.48	8.09	5.05	4.80	7.38	6.30
ProSeeds	NAI-17-92	96.97	8.19	4.69	5.55	6.74	6.29
Columbia	NAI-14-133	89.73	6.42	5.60	6.71	6.38	6.28
Check	AKB1925	95.45	7.79	5.19	4.96	7.12	6.26
Vista	Quartz	96.11	7.86	5.06	5.22	6.88	6.26
Check	AKB1162	92.60	7.03	5.18	5.45	7.36	6.25
Columbia	NAI-14-128	89.49	6.57	5.41	6.54	6.40	6.24
Columbia	NAI-14-187	90.75	6.60	5.35	6.43	6.53	6.23
ProSeeds	Zip	93.90	7.37	4.99	5.64	6.83	6.21
ProSeeds	NAI-11-644	94.91	7.64	4.41	5.35	7.41	6.20
Check	AKB1892	96.01	7.84	5.08	5.38	6.36	6.19
ProSeeds	A16-8	94.29	7.48	4.95	5.31	6.94	6.17
Columbia	NAI-12-41	93.92	7.38	4.89	5.33	7.08	6.15
Columbia	NAI-14-122	88.72	6.22	5.52	6.84	5.98	6.14
ProSeeds	PPG-KB1316	96.68	8.12	4.92	4.92	6.58	6.13
ProSeeds	A15-21	94.84	7.63	4.15	6.39	6.37	6.13
NexGen	AKB3241(Engeti)	95.33	7.76	5.71	5.42	6.10	6.12
Check	AKB3208	95.37	7.77	4.68	5.55	6.48	6.12
ProSeeds	A04-383	95.55	7.81	4.40	5.26	6.87	6.11
Check	Snap	87.33	5.95	4.90	6.12	7.36	6.08
Check	AKB3169	92.11	6.90	4.86	5.04	7.52	6.08
Columbia	Rubicon	96.27	8.21	4.07	4.65	7.46	6.05
NexGen	KH3492(Tejas)	95.04	7.68	4.03	5.42	7.06	6.04
ProSeeds	A08-2	94.98	7.66	5.42	5.22	5.69	6.00
Check	Rockstar	93.64	7.31	3.99	5.37	7.21	5.97
Check	AKB3348	94.59	7.56	5.40	5.02	5.79	5.94
Check	Shamrock	93.64	7.30	4.14	5.06	7.24	5.94
ProSeeds	15-105	95.69	7.85	4.48	4.27	6.86	5.89
ProSeeds	Diva	95.42	7.78	4.83	5.03	5.89	5.88
ProSeeds	A15-18	94.83	7.62	4.79	4.67	6.10	5.80
Columbia	Rubix	96.23	7.88	3.98	4.90	6.27	5.78
ProSeeds	PPG-KB1304	95.05	7.68	4.81	4.38	6.03	5.72
Columbia	NAI-13-1	90.85	6.70	4.48	5.02	6.53	5.68

Percent Cover = % Cover (5 ratings)  
Average Cover = 1-9; 9=Most Cover  
Genetic Color = 1-9; 9=Darkest  
Density = 1-9; 9=Most Dense  
Uniformity = 1-9; 9=Most Uniform  
Turf Quality = 1-9; 9=Best