

Tables 1a-h. Total yield, marketable yield, percent marketable yield, berry weight and average harvest date of floricanefruiting blackberry genotypes in Mills River, NC. Data outside of tunnel is average of 4 reps, tunnel is single plot.

Table 1a. Total yield (g/plant)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	3669	3260	1720	3171	2694	3215
A-2416	5116	2384	1794	1109	3455	1746
Chester	3494	4277	4020	5530	3757	4903
Natchez	4612	3814	1161	2678	2886	3246
Navaho	4511	4309	2427	4082	3469	4195
Von	623	411	1182	4182	902	2296
Ouachita	3089	3278	1300	1906	2194	2592

Table 1b. Marketable yield (g/plant)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	3196	2572	1453	2969	2324	2770
A-2416	4578	2099	1677	1010	3127	1554
Chester	2983	3537	3735	5384	3359	4461
Natchez	4071	3345	1140	2546	2606	2945
Navaho	4097	3885	2349	4029	3223	3957
Von	552	328	1127	4093	839	2211
Ouachita	2767	2850	1242	1846	2005	2348

Table 1c. Percentage marketable weight (%)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	87	79	84	94	86	86
A-2416	89	88	93	91	91	90
Chester	85	83	93	97	89	90
Natchez	88	88	98	95	93	91

Navaho	91	90	97	99	94	94
Von	89	80	95	98	92	89
Ouachita	90	87	96	97	93	92

Table 1d. Average berry weight (g)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	6.4	5.2	6.1	5.0	6.2	5.1
A-2416	7.0	7.3	6.2	6.5	6.6	6.9
Chester	3.8	4.0	4.0	4.2	3.9	4.1
Natchez	10.2	6.7	6.6	7.1	8.4	6.9
Navaho	4.7	4.4	3.9	4.1	4.3	4.3
Von	5.4	6.2	5.8	5.1	5.6	5.7
Ouachita	5.9	5.3	5.0	5.1	5.4	5.2

Table 1e. 2010 Average Harvest Date at 5, 50 and 95 percent total yield

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	23-Jun	6-Jul	29-Jun	17-Jul	26-Jul	8-Aug
A-2416	26-Jun	23-Jun	12-Jul	29-Jun	12-Aug	16-Jul
Chester	15-Jul	15-Jul	31-Jul	12-Aug	12-Aug	16-Aug
Natchez	21-Jun	22-Jun	30-Jun	30-Jun	19-Jul	19-Jul
Navaho	26-Jun	25-Jun	14-Jul	14-Jul	14-Aug	14-Aug
Von	10-Jul	19-Jul	23-Jul	27-Jul	1-Aug	10-Aug
Ouachita	24-Jun	24-Jun	8-Jul	11-Jul	28-Jul	4-Aug

Table 1f. 2011 Average Harvest Date at 5, 50 and 95 percent total yield

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	19-Jun	26-Jun	29-Jun	10-Jul	29-Jul	25-Jul

A-2416	26-Jun	16-Jun	18-Jul	7-Jul	6-Aug	2-Aug
Chester	22-Jul	21-Jul	5-Aug	31-Jul	17-Aug	16-Aug
Natchez	17-Jun	16-Jun	7-Jul	4-Jul	18-Jul	19-Jul
Navaho	5-Jul	2-Jul	24-Jul	23-Jul	8-Aug	5-Aug
Von	2-Jul	2-Jul	17-Jul	18-Jul	6-Aug	5-Aug
Ouachita	24-Jun	26-Jun	6-Jul	10-Jul	30-Jul	1-Aug

Table 1g. Average Harvest Date at 5, 50 and 95 percent total yield 2010-2011 combined

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
A-2315	21-Jun	1-Jul	29-Jun	13-Jul	27-Jul	1-Aug
A-2416	26-Jun	19-Jun	15-Jul	3-Jul	9-Aug	24-Jul
Chester	18-Jul	18-Jul	2-Aug	6-Aug	14-Aug	16-Aug
Natchez	19-Jun	19-Jun	3-Jul	2-Jul	18-Jul	19-Jul
Navaho	30-Jun	28-Jun	19-Jul	18-Jul	11-Aug	9-Aug
Von	6-Jul	10-Jul	20-Jul	22-Jul	3-Aug	7-Aug
Ouachita	24-Jun	25-Jun	7-Jul	10-Jul	29-Jul	2-Aug

Tables 2a-d. Total yield, marketable yield, percent marketable yield, berry weight and average harvest date of floricane-fruiting raspberry genotypes in Mills River, NC. Data outside of tunnel is average of 4 reps, tunnel is single plot.

Table 2a. Total yield (g/plant)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	332	1173	86	343	209	758
Mandarin	280	261	1107	680	693	470
Moutere	1394	1458	1076	262	1235	860
NC 344	656	405	173	426	415	415
NC 612	n/a	1009	n/a	316	n/a	663
Nova	2191	2407	1322	937	1756	1672

Table 2b. Marketable yield (g/plant)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	314	1107	67	337	191	722
Mandarin	275	242	985	674	630	458
Moutere	1309	1354	1023	259	1166	807
NC 344	619	400	164	419	391	409
NC 612	n/a	951	n/a	297	n/a	624
Nova	2133	2347	1275	915	1704	1631

Table 2c. Percentage marketable weight (%)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	95	94	78	98	86	96
Mandarin	98	93	89	99	94	96
Moutere	94	93	95	99	94	96
NC 344	94	99	95	98	95	99
NC 612	n/a	94	n/a	94	n/a	94

Nova	97	97	96	98	97	98
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Table 2d. Average berry weight (g)

Genotype	2010		2011		Mean	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	3.3	3.5	3.4	2.8	n/a	n/a
Mandarin	2.2	1.9	1.7	1.7	1.9	1.8
Moutere	2.8	2.7	2.4	2.8	2.6	2.8
NC 344	2.4	2.4	2.6	2.1	2.5	2.2
NC 612	3.1	2.7	n/a	2.0	n/a	2.4
Nova	2.5	2.7	2.4	2.7	2.5	2.7

Table 2e. 2010 Average Harvest Date at 5, 50 and 95 percent total yield

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	13-Jun	10-Jun	21-Jun	29-Jun	4-Jul	7-Jul
Mandarin	20-Jun	18-Jun	1-Jul	2-Jul	18-Jul	26-Jul
Moutere	14-Jun	13-Jun	23-Jun	20-Jun	7-Jul	9-Jul
NC 344	18-Jun	18-Jun	24-Jun	26-Jun	8-Jul	11-Jul
NC 612	n/a	18-Jun	n/a	26-Jun	n/a	13-Jul
Nova	11-Jun	11-Jun	19-Jun	20-Jun	28-Jun	30-Jun

Table 2f. 2011 Average Harvest Date at 5, 50 and 95 percent total yield

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	12-Jun	11-Jun	23-Jun	21-Jun	6-Jul	4-Jul
Mandarin	4-Jun	3-Jun	26-Jun	25-Jun	11-Jul	6-Jul
Moutere	11-Jun	11-Jun	17-Jun	20-Jun	30-Jun	30-Jun
NC 344	8-Jun	7-Jun	20-Jun	19-Jun	5-Jul	5-Jul
NC 612	n/a	13-Jun	n/a	26-Jun	n/a	6-Jul
Nova	8-Jun	7-Jun	22-Jun	22-Jun	30-Jun	1-Jul

Table 2g. Average Harvest Date at 5, 50 and 95 percent total yield 2010-2011 combined

Genotype	5%		50%		95%	
	Outside	Tunnel	Outside	Tunnel	Outside	Tunnel
Lauren	12-Jun	10-Jun	22-Jun	25-Jun	5-Jul	5-Jul
Mandarin	12-Jun	10-Jun	28-Jun	28-Jun	14-Jul	16-Jul
Moutere	12-Jun	12-Jun	20-Jun	20-Jun	3-Jul	4-Jul
NC 344	13-Jun	12-Jun	22-Jun	22-Jun	6-Jul	8-Jul
NC 612	n/a	15-Jun	n/a	26-Jun	n/a	9-Jul
Nova	9-Jun	9-Jun	20-Jun	21-Jun	29-Jun	30-Jun