

Table 1. Black Raspberry Replicated Trial (2 reps, 5 plants each, 20ft plots) at Salisbury, NC in 2014. (not in tunnel)

Harvest dates of 5, 50 and 95% yield

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Jewel	3653	3413	93	2.8
Mac Black	1252	1210	97	2.0
NC 348	1146	1061	93	1.9
NC 349	3176	2934	92	1.8

5%	50%	95%
9-Jun	14-Jun	23-Jun
13-Jun	21-Jun	29-Jun
2-Jun	12-Jun	22-Jun
3-Jun	11-Jun	22-Jun

Table 2 High Tunnel Primocane Fruiting Raspberry Replicated Trial (2 reps, 5 plants each, 20ft plots) at Salisbury, NC in 2014.

Harvest dates of 5, 50 and 95% yield

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Crimson Giant	981	894	91	4.3
Crimson Night	3185	2952	93	2.4
Nantahala	2768	2523	91	3.3
NC 666	1225	1144	93	2.8
NC 669	2330	2200	94	3.1
NC 712	1430	1245	87	3.2
Polka	3559	3182	89	3.2

5%	50%	95%
17-Jun	26-Aug	25-Sep
24-Jul	20-Aug	11-Sep
30-Jun	29-Aug	16-Sep
19-Jun	3-Jul	27-Jul
25-Jun	29-Aug	19-Sep
29-Jun	20-Jul	12-Sep
18-Jun	26-Jul	12-Sep

Table 3. High Tunnel Floricane Fruiting Raspberry Replicated Trial (2 reps, 5 plants each, 20ft plots) at Salisbury, NC in 2014

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Cascade Gold	1373	731	53	4.2
Latham	2574	2401	93	2.8
NC 344	700	596	85	2.7
NC 548	4389	3762	86	3.6
NC 612	189	89	47	2.4
Tulamagic	2637	2461	93	3.5
Tulameen	932	819	88	3.1

Harvest dates of 5, 50 and 95% yield

	5%	50%	95%
	9-Jun	18-Jun	30-Jun
	14-Jun	25-Jun	9-Jul
	2-Jun	13-Jun	2-Jul
	18-Jun	5-Jul	20-Jul
	6-Jun	21-Jun	4-Jul
	13-Jun	26-Jun	10-Jul
	12-Jun	26-Jun	9-Jul

Table 4. High Tunnel Floricane Fruiting Blackberry Replicated Trial (2 reps, 5 plants each, 20ft plots) at Salisbury, NC in 2014 Total yield, marketable yield ,

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Black Diamond	675	399	59	4.5
Marion berry	1258	1159	92	5.0
Natchez	9197	8507	92	9.7
Navaho	2900	2827	97	6.7
Osage	9044	8425	93	6.5
Ouachita	5230	4944	95	7.6
Prime Ark 45	242	232	96	n/a
Von	4733	4390	93	7.1

Harvest dates at 5%, 50% and 95% Yield

	5%	50%	95%
	2-Jun	11-Jun	25-Jun
	8-Jun	18-Jun	25-Jun
	9-Jun	17-Jun	28-Jun
	14-Jun	23-Jun	29-Jun
	11-Jun	21-Jun	11-Jul
	15-Jun	24-Jun	30-Jun
	22-Aug	n/a	n/a
	20-Jun	28-Jun	13-Jul

Table 5. RCA Shift Trellis Floricane Fruiting Blackberry Trial (single plot per row 3 plant plots on 4 ft spacing, 4 rows, each facing one direction) at Salisbury, NC in 2014

East facing total yield, marketable yield , percent marketable yield and average berry weight

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Apache	4949	4643	94	6.2
Ouachita	6309	5970	95	6.0
Von	4751	4222	89	6.5

West facing total yield, marketable yield , percent marketable yield and average berry weight

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Apache	4188	3829	91	5.2
Ouachita	4339	4022	93	7.0
Von	3156	2947	93	6.3

South facing total yield, marketable yield , percent marketable yield and average berry weight

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Apache	4686	4276	91	7.3
Ouachita	2309	2002	87	5.2
Von	4100	3827	93	5.6

North facing total yield, marketable yield , percent marketable yield and average berry weight

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
Apache	1957	1691	86	6.4
Ouachita	7357	6968	95	6.7
Von	4961	4589	93	5.9

Average across cultivars total yield, marketable yield , percent marketable yield and average berry weight by fruit load facing direction

	Total Yield (g/plant)	Marketable Yield (g/plant)	Percentage Marketable Yield (% of total)	Average berry weight (g)
East Facing	5336	4945	92	6.2
West Facing	3894.4	3599.1	92.5	6.2
South Facing	3698.3	3368.0	90.4	6.0
North Facing	4758	4416	91	6.3