

Florida Blueberry Nursery
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All prices are based on FOB pricing

"Winter Bell" is a new patented early Florida blueberry variety from Weber Genetics LLC.

Yearly Yield Data 2012-2018 comparing Winter Bell and other varieties

Note: The chart immediately below is a summary for the most common varieties trialed derived from the data sheets below it. This spreadsheet is a compilation of each year's yield data spreadsheets therefore columns widths have been adjusted since they may be different for each year. FOB price was sometimes included to reflect how earliness/lateness impacted dollar returns.

Summary of multiple years Variety Yield Testing

Year	Kestrel	Arcadia	Evergreen	Dormex	Dormex Jewel	Winter Bell
2014			5,015			9 months in ground
2015			10,734	8,721	3,903	21 months in ground
2016			16,159	12,822	9,496	3 yr old
2017	3,349	8,569**	25,906			4 yr old
2018	6,147	7,840**	24,656	22,918		4 yr old

* planting density at 2074 plants per acre
 ** Arcadia plants were 1 year younger than Winter Bell
 Note: Advection freeze in March 2018 reduced Arcadia and Kestrel crop

Yield Tests 2012-2014 'Winter Bell' as mother plant (single plant) yield data comparisons

Data is in harvested grams of blueberries on each pick date

2012 (Single plant yield - Winter Bell as mother plant <2 years old - other Var's > 4 years old)

Variety	3/8/12	3/29/12	3/27/12	4/3/12	4/9/12	4/11/12	4/17/12	4/25/12	5/2/12	Total	LBS	\$ per plant	Avg \$/lb
Em-2		1000	1109	1112	773	117	284	361	529	3395	7.58	\$51.05	\$5.34
Winter Bell	304												
Jewel-2		51	225	24	574	585	232	405	209	236	59	\$34.83	\$5.72
Jewel-3		102	290	477	472	169	758	575	313	2268	5.06	\$33.48	\$5.10
Jewel-4		150	403	622	585	154	153	347	327	2067	4.61	\$32.13	\$5.25

juvenile plant < 2 yrs

2013 (Single plant yield - Winter Bell as mother plant 3 years old)

Variety	3/9-	3/28-	4/1/13	4/8/13	4/8/13	4/11/13	4/18/13	4/22/13	4/26/13	5/3/13	5/7/13	5/17/13	Total	LBS	\$ per plant	Avg \$/lb
Winter Bell	329	1074														
Jewel-1		46	15	48	26	167	340	471	247	211	21	32	1624	3.63	\$15.83	\$3.51
Em-2		36	49	163	15	260	222	193	103	114	48	63	1268	2.83	\$13.07	\$2.58
Em-1		23	44	218	11	232	177	210	86	143	84	20	1228	2.74	\$12.83	\$2.55

2014 (Single plant yield - Winter Bell as mother plant 4 years old)

Variety	3/29/14	4/1/14	4/8/14	4/7/14	4/9/14	4/17/14	4/23/14	4/29/14	Total grams	LBS
Winter Bell	137	161	280	529	337	806	217	426	2913	6.50
Primadonna		86	180	254	86	201	182	251	1140	2.54
Jewel-3		4	20	52	119	82	346	187	912	2.04
Jewel-2		15	0	25	68	64	211	188	303	0.68
Em2										

ended data collection early due to lack of Emerald fruit this year

next best yield

2014 Randomized replicated (6X) Yield test 100 acre farm

Avg grams per bush per pick date on bushes 9-18 months old

09-120 planted 6/13 Flicker, Spring High, Jewel in Nov-2012

FOB price on date	88.03	86.98	87.33	88.21	85.70	85.16	84.99	84.25	TTL avg	\$ per plant	plant age	
variety	03/31/14	04/03/14	04/07/14	04/10/14	04/12/14	04/14/14	04/22/14	04/29/14	05/06/14	gm/plant	lb/plant	
W.B. no Dormex	85	50	123	56	52	67	237	259	155	1084	13.75	\$13.75
W.B. Dormex	17	18	66	61	35	50	196	205	127	774	9.36	\$9.36
Jewel	13	12	29	15	20	26	102	131	109	456	6.11	\$6.11
Spring High	9	12	30	16	12	9	29	25	23	165	0.37	\$2.17
Flicker	1	1	6	4	4	5	34	50	18	123	0.25	\$1.42

2015 Randomized Replicated Yield Test (5 plants X 4 replicas)

WB = Winter Bell Evergreen, WB D = Winter Bell Dormex, JD = Jewel Dormex

Treatments	WB-1	WB-2	WB-3	WB-4	Dormex	Dormex	Dormex	Dormex	per plant	Dormex	Dormex	Dormex	Dormex	per plant	\$/lb on date
Date	Grams	Grams	Grams	Grams	Grams	Grams	Grams	Grams	per date	Grams	Grams	Grams	Grams	per date	
2/19/2015	99	82	46	44	0.21	2	1	0	21	0.02	0	0	0	0.00	\$6.95
2/19/2015	16	24	5	13	0.05	17	20	35	0.06	0	0	0	0	0.00	\$6.95
2/23/2015	65	36	25	20	0.11	0	0	0	8	0.01	0	0	0	0.00	\$6.95
2/26/2015	85	68	65	46	0.20	0	0	0	0	0.01	0	0	0	0.00	\$6.95
3/2/2015	108	67	47	76	0.21	7	0	0	9	0.01	0	0	0	0.00	\$6.42
3/4/2015	65	51	50	112	0.20	0	2	0	0	0.00	0	0	0	0.00	\$6.42
3/9/2015	217	78	1589	258	1.67	11	2	0	24	0.03	0	0	0	0.00	\$6.97
3/12/2015	217	342	342	601	1.16	138	6	0	2	0.06	0	0	0	0.00	\$6.97
3/16/2015	394	429	480	821	1.87	26	64	87	106	0.22	13	3	0	0.01	\$7.03
3/19/2015	305	397	403	598	1.34	57	65	101	192	0.29	8	2	0	0.01	\$7.03
3/23/2015	1022	694	594	680	2.17	138	265	211	319	0.68	136	2	2	12	0.11
3/26/2015	578	616	606	787	1.89	165	335	265	426	0.87	254	57	28	81	0.31
3/31/2015	939	1033	970	1220	2.88	337	751	583	767	1.69	652	252	143	217	0.87
4/3/2015	939	818	810	1142	2.57	628	846	718	774	2.05	781	388	219	480	1.29
4/9/2015	1445	1221	1176	1624	2.57	1196	1283	1478	1255	2.45	1126	685	857	999	1.73
4/9/2015	1224	928	869	1162	1.97	1140	1053	1129	916	2.00	477	545	640	572	1.05
4/13/2015	983	771	696	1006	1.47	1195	1137	1402	1154	2.07	446	597	702	650	1.02
4/18/2015	1402	1013	832	1200	1.89	1811	1419	1820	1448	2.76	554	688	708	702	1.12
4/24/2015	960	639	660	768	1.10	1150	824	1170	858	1.45	218	325	362	275	0.43
4/27/2015	762	476	465	704	0.87	835	553	767	618	1.01	133	160	208	134	0.23
4/30/2015	442	297	356	347	0.52	465	377	512	389	0.62	83	73	123	86	0.13
TTL to date/g	12327	10980	11921	13194		9189	8985	10293	9261		4891	3782	3992	4208	
TTL to date Lb	27.82	22.82	24.60	29.45		20.47	20.06	22.91	20.67		10.90	8.44	8.91	9.39	
TTL lb/plant	5.50	4.50	4.92	5.89		4.09	4.01	4.58	4.13		2.18	1.69	1.78	1.88	

18 avg

Winter Bell Evergreen \$/plant \$26.72

Winter Bell Dormex \$/plant \$18.30

Jewel Dormex \$/plant \$8.32

2016 Section 6 Harvesting trial
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The table immediately below represents the total lbs of fruit harvested on those dates from the number of plants represented for the dates on the second table. The volume of fruit became too much to weigh for certain varieties so we chose to reduce the # plants harvested of those varieties after 4/14/16. Fruit price is based on FOB prices received for that date and therefore does not account for harvesting or packing costs. Trial was halted before season harvest ended 10 days later when fruit prices dropped below cost. This resulted in lower than actual lbs per acre figures for the trial for those varieties still peaking (see graph).

Bed #	Variety /Treatment	lbs/fruit /date	FOB/lb	04/01/16	FOB/lb	04/05/16	FOB/lb	04/09/16	FOB/lb	04/12/16	FOB/lb	04/15/16	FOB/lb	04/21/16	FOB/lb	04/25/16	FOB/lb	05/05/16	FOB/lb
4 all/E	Spring high/Wide bed 4	1.90	7.07	2.69	7.07	28.00	7.16	66.33	7.16	127.88	6.86	151.00	6.86	111.60	5.90	76.10	5.12	35.00	5.12
5 all/E	Flicker bed 5	11.36	7.07	7.25	7.07	14.25	7.16	16.28	7.16	21.38	6.86	46.70	6.86	60.80	5.90	89.50	5.12	55.50	5.12
6	6-33 bed 6	12.90	7.07	4.45	7.07	5.00	7.16	3.39	7.16	8.63	6.86	26.90	6.86	67.50	5.90	39.70	5.12	17.80	5.12
6E	W.B. Evergreen 1/2 bed 6	1.45	7.07	2.88	7.07	1.81	7.16	3.23	7.16	12.81	6.86	83.25	6.86	493.80	5.90	713.40	5.12	543.60	5.12
11E	W.B. Dormex (1.13%) 1/2 bed	0.95	7.07	0.69	7.07	1.19	7.16	11.17	7.16	69.06	6.86	343.90	6.86	742.80	5.90	509.20	5.12	257.20	5.12
10W	Jewel Dormex (1.13%) 1/2 bed	0.24	7.07	0.21	7.07	0.46	7.16	7.41	7.16	46.44	6.86	215.70	6.86	422.20	5.90	396.60	5.12	261.70	5.12
11W	90-183 Dormex (1.13%) 1/2 bed	10.32	7.07	0.90	7.07	32.00	7.16	129.63	7.16	88.63	6.86	83.90	6.86	21.90	5.90		5.12		5.12
9W	95-174 Dormex (1.13%) 1/2 bed	3.40	7.07	1.46	7.07	3.94	7.16	28.76	7.16	81.63	6.86	229.40	6.86	473.20	5.90	383.10	5.12	228.70	5.12
7W	95-174 Evergreen 1/2 bed	7.18	7.07	4.80	7.07	1.88	7.16	9.94	7.16	22.44	6.86	109.50	6.86	315.00	5.90	334.60	5.12	408.10	5.12

Yield Test Results 2016

Number of plants harvested on these dates

Bed #	Variety /Treatment	#PLANTS	4/15-5/5	LBS/plant	\$/PLANT	lbs/acre thru 5/5/16
4 all/E	Spring High Dormex	403	193	2.5	\$15.66	5,173
5 all/E	Flicker evergreen	630	330	0.9	\$5.10	1,916
6	6-33 bed 6	36	36	4.9	\$29.46	10,147
6E	W.B. Evergreen 1/2 bed 6	361	361	7.8	\$38.11	16,159
11E	W.B. Dormex (1.13%) 1/2 bed	360	360	6.2	\$34.35	12,822
10W	Jewel Dormex (1.13%) 1/2 bed	360	360	4.6	\$24.64	9,496
11W	90-183 Dormex (1.13%) 1/2 bed	360	360	1.0	\$7.08	2,112
9W	95-174 Dormex (1.13%) 1/2 bed	360	360			