

2015 Report

Ontario Dry Bean Variety Trials

prepared by the Ontario Pulse Crop Committee

Data collected 2009 – 2014

www.gobeans.ca

*Current as of
February 14, 2015*



This Infosheet contains the most recent variety information for registered dry edible bean varieties planted and harvested in 2014. Experimental and non-registered varieties may also be included in the trials, but data is not presented. Contact one of the individuals listed below, for information on other varieties or to comment on the trials. The information is prepared annually by the Ontario Pulse Crop Committee(OPC) and edited by the Ontario Ministry of Agriculture, Food and Rural Affairs.

REFERENCES:

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Table 1a - 2010-2014 White Bean Variety Performance Trial, Long Season Area

Variety	Days to Maturity ²	Yield (lbs/ac) ¹													
		Long Season All Locations				St Thomas					Kippen				
		5 Year	4 Year	3 Year	2 Year	5 Year	4 Year	3 Year	2 Year	2014	5 Year	4 Year	3 Year	2 Year	2013
Bolt	92	2715	2716	2664	2747	2999	2937	2778	2711	2671	--	2787	2674	2648	3293
T9903	92	2783	2745	2812	2924	3057	2959	2858	2839	2647	2796	2754	2670	2785	3399
Vigilant	93	--	2949	3065	3157	--	3117	3108	3049	2839	--	--	2887	2898	3358
Lightning	94	2840	2849	2842	2881	3000	2996	2898	2848	2691	2984	3003	2860	2749	3007
OAC Thunder	95	2914	2906	2993	2988	3133	3038	3019	2877	2773	3137	3126	3102	3120	3533
Indi	95	--	--	--	3003	--	--	--	2800	2720	--	--	--	--	3382
Nautica	95	3016	2996	3073	3143	3160	3087	3045	2986	2588	2899	2986	2959	2989	3342
Fathom	95	--	--	3083	3081	--	--	3217	3091	2697	--	--	--	3088	3467
HMS Medalist	96	--	3242	3330	3278	--	3354	3329	3068	2818	--	--	3289	3375	3682
Mist	97	3238	3152	3145	3271	3423	3357	3241	3216	3096	--	3086	2910	2830	3291
T9905	97	3056	3008	3092	3124	3115	3051	3034	2895	2376	3157	3158	3097	3108	3502
0319-Merlin	98	--	2999	3095	2991	--	3168	3187	2885	2587	--	--	3026	3059	3202
Apex	98	3266	3201	3345	3474	3348	3307	3372	3379	3228	3147	3248	3204	3245	3804
Rexeter	99	3230	3125	3253	3280	3216	3065	3206	3059	2707	3248	3190	3139	3144	3416
Average Yield (lbs/ac) ¹		3006	2991	3061	3096	3161	3120	3099	2979	2746	3053	3037	2985	3003	3405
LSD (0.05) ³		84	90	93	103	145	156	143	163	189	146	156	187	197	310

¹ To convert lbs/acre to t/ha divide by 893.

² Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

Long Season Testing Locations						
St Thomas	2014	2013	2012	2011	2010	--
Kippen	--	2013	2012	2011	2010	2009
Woodstock	2014	--	--	2011	2010	--
Granton	--	--	--	2011	2010	--
Highbury	2014	--	--	--	--	--

Table 1b - 2010-2014 White Bean Variety Performance Trial, Short Season Area

Variety	Days to Maturity ²	Yield (lbs/ac) ¹																		
		Short Season All Locations				Blyth					Elora					Kippen				
		5 Year	4 Year	3 Year	2 Year	5 Year	4 Year	3 Year	2 Year	2014	5 Year	4 Year	3 Year	2 Year	2014	5 Year	4 Year	3 Year	2 Year	2013
T9903	103	2821	2810	3058	3204	3295	3337	3318	3305	3662	2699	2744	3326	3599	3363	2796	2754	2670	2785	3399
Bolt	104	2773	2708	2908	3055	2948	2882	2999	3140	3616	2768	2716	3270	3342	2920	--	2787	2674	2648	3293
Vigilant	106	--	2941	3127	3256	--	3480	3481	3449	3796	--	2562	3078	3304	2748	--	--	2887	2898	3358
Lightning	107	2947	2893	3059	3209	3258	3203	3327	3476	3750	2658	2672	3180	3390	3116	2984	3003	2860	2749	3007
OAC Thunder	107	2885	2831	2983	3033	3266	3219	3196	3231	3504	2523	2494	2979	3063	2655	3137	3126	3102	3120	3533
Nautica	109	2933	2851	3020	3244	3281	3272	3342	3316	3672	2462	2333	2775	3318	2711	2899	2986	2959	2989	3342
HMS Medalist	109	--	3192	3405	3466	--	3700	3764	3679	3815	--	2740	3243	3442	3085	--	--	3289	3375	3682
Fathom	110	--	--	3178	3198	--	--	3453	3380	3841	--	--	3423	3583	3137	--	--	--	3088	3467
Indi	110	--	--	--	3349	--	--	--	3559	3805	--	--	--	3595	3308	--	--	--	--	3382
T9905	111	3222	3131	3374	3544	3671	3661	3698	3727	4089	2927	2859	3377	3691	3363	3157	3158	3097	3108	3502
0319-Merlin	111	--	3083	3341	3408	--	3550	3619	3535	3705	--	2927	3502	3794	3492	--	--	3026	3059	3202
Mist	111	3246	3139	3318	3511	3369	3340	3335	3333	3813	3075	3110	3716	4030	3599	--	3086	2910	2830	3291
Apex	112	3237	3140	3365	3683	3458	3472	3531	3706	4064	2814	2852	3438	3996	3835	3147	3248	3204	3245	3804
Rexeter	113	3225	3124	3332	3565	3604	3588	3636	3736	4065	2657	2662	3257	3739	3597	3248	3190	3139	3144	3416
Average Yield (lbs/ac) ¹		3032	2987	3190	3338	3350	3392	3438	3470	3800	2731	2722	3274	3563	3209	3053	3037	2985	3003	3405
LSD (0.05) ³		71	74	80	96	109	121	125	110	142	150	143	176	204	150	146	156	187	197	310

¹ To convert lbs/acre to t/ha divide by 893.

² Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

Short Season Testing Locations						
Blyth	2014	2013	2012	2011	2010	
Kippen	--	2013	2012	2011	2010	2009
Elora	2014	2013	2012	2011	2010	
Woodstock	2014	--	--	2011	2010	

Table 1C – 2009 - 2013 Kippen Bean Variety Performance Trial

Please note: Kippen data is for 2009-2013. Kippen site was not harvested in 2014 due to damage from high rainfall.

Variety	Days to Maturity ²	2009-2013 Yield (lb/acre) ¹				
		Kippen				
		5 Year	4 Year	3 Year	2 Year	2013
T9903	93	2817	2772	2691	2808	3429
Bolt	93		2808	2691	2673	3321
Lightning	94	3006	3024	2880	2772	3033
Indi	94	-	-	-	-	3411
Vigilant	95	-	-	2907	2925	3384
OAC Thunder	96	3159	3150	3123	3141	3564
HMS Medalist	97			3312	3402	3708
T9905	97	3177	3186	3123	3132	3528
AC Mast	98	2970	2988	3015	3006	3429
GTS 544	98	2961	2988	2970	3051	3393
Lighthouse	98	3033	3051	2925	2916	3375
Mist	98		3114	2934	2853	3321
Nautica	98	2925	3006	2979	3015	3366
Reliant	98	3114	3141	3177	3267	3681
Vista	98	3015	3078	3096	3105	3393
0319-Merlin	100	-	-	3051	3087	3231
Apex	100	3168	3276	3231	3267	3834
Viscount	100	2952	3006	2970	2970	3105
Rexeter	101	3276	3213	3159	3168	3447
Average Yield (t/ha) ¹		3042	3042	3006	3024	3420
LSD (0.05) ³		144	162	189	198	315

1. To convert lbs/acre to t/ha divide by 893.

² Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ LSD (0.05) – the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

Table 1D: White Bean, Short Season area

2012-2014 White Bean Variety Performance Trial Short Season Area, 3 Year Average

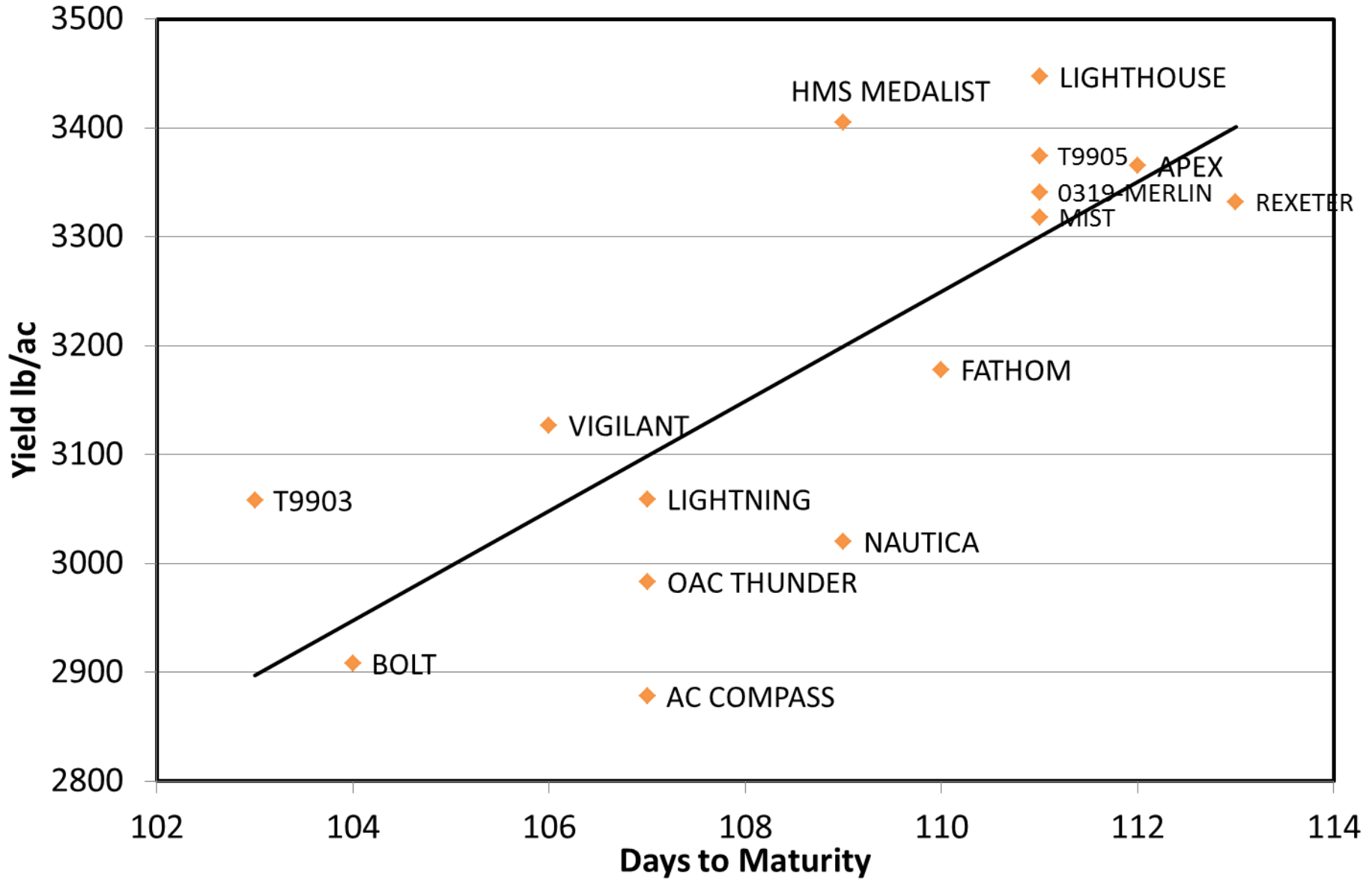


Table 1 E: White Bean Long Season

2012-2014 White Bean Variety Performance Trial, Long Season Area, 3 Year Average (lb/ac)

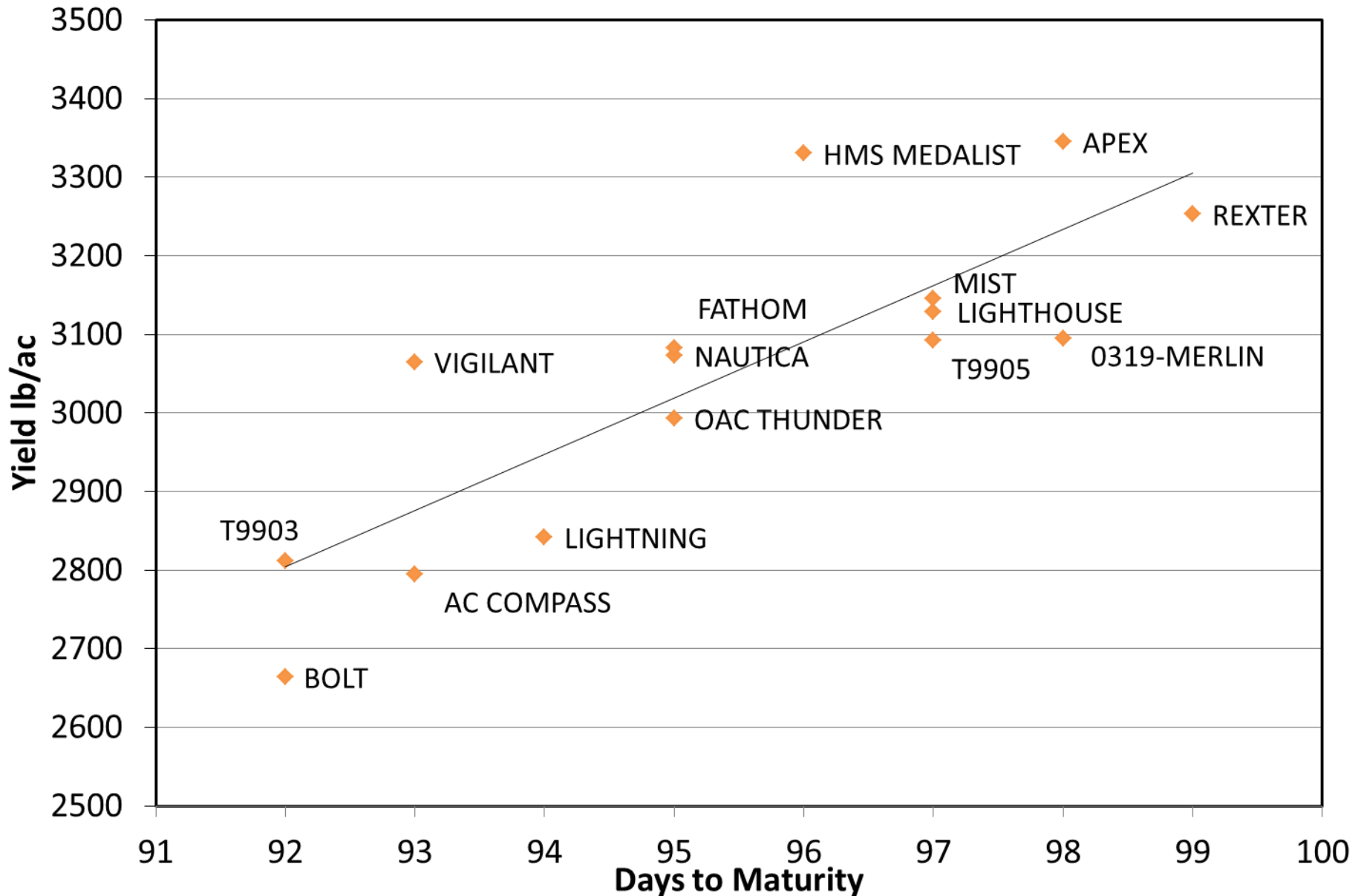


Table 2 – 2012 - 2014 White Bean Characteristics and Distributors

Variety	100 Seed Weight ³ (g)	Disease Reaction ¹					Common Blight	Suitability for Direct Harvest ⁴	Distributor
		Bean Common Mosaic Virus		Anthracnose ²					
		Race		Race					
		1	15	17	23	73			
Bolt	23.7	R	R	S	S	R	S	1.5	Hensall DC
T9903	23.0	R	R	R	R	R	S	2.4	Hyland/Dow
OAC Dublin	22.1	R	S	S	S	S	S	3.1	R.T. Bolton, Rosebank
OAC Rex	22.1	R	R	S	S	S	R*	2.3	Hensall DC
AC Mast	21.6	R	R	S	S	S	S	2.7	Advantage
Vigilant	21.4	R	S	S	S	S		1.4	ADM Seedwest
AC Cruiser	22.2	R	R	S	S	S	S	2.9	Hensall DC
Lightning	22.6	R	R	S	S	S	S	1.8	Hensall DC
OAC Thunder	22.6	R	R	S	S	S	S	2.3	SeCan
Vista	20.1							2.5	Hyland/Dow, Hensall DC
GTS 544	22.1	R	R	S	R	S	S	3.5	Hyland/Dow, Hensall DC
Nautica	19.5	R	R	S	S	S	S	1.8	SeCan
Reliant	20.1	R	R	S	S	S	S	2.7	Cook's, Hyland/Dow, Hensall DC
HMS Medalist	20.2	R	S	S	S	S		1.9	ADM Seedwest
Indi	19.1	R	S	S	S	S		1.3	ADM Seedwest
Fathom	23.5	R	R	NA	NA	R	S	2.0	Hensall DC
Lighthouse	22.7	R	R	NA	R	S	R	1.8	
Mist	22.9	R	R	S	S	S	R	1.7	Hensall DC
T9905	23.0	R	R	R	R	S	S	2.2	Hyland/Dow
0319-Merlin	20.8	R	S	S	S	S		1.9	ADM Seedwest
Viscount	19.9	R	R	NA	NA	S	S	3.1	Hyland/Dow, Hensall DC
Apex	23.6	R	R	S	R	S	R	2.1	SeCan
Rexeter	21.3	R	S	S	S	S	R	2.2	Hensall DC

¹ R = Resistant, S = Susceptible, NA = Not Available

² Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

³ to convert 100 seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb.

⁴ A variety's suitability of direct harvest is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type that are not erect, with poor bottom pod height.

* Resistance gene for common bacterial blight (*Xanthomonas campestris* pv. *Phaseoli*). Very little disease will develop on this variety.

Table 3 – 2012 - 2014 Coloured Bean Variety Performance and Characteristics

Variety	Market Class	Days to Maturity ²	Yield (lbs/ac) ^{1,2}	100 Seed Weight ² (g)	Disease Reaction ³					Distributor
					Bean Common Mosaic Virus		Anthracnose 4			
					Race 1	Race 15	Alpha Race 17	Delta Race 23	Race 73	
Etna	Cranberry	90	2462	66	R	R	S	S	S	Hensall DC
Red Rider	Cranberry	99	2539	65	R	R	R	R	S	SeCan
Majesty	Dark Red Kidney	96	2268	74	R	R	R	S	S	Hensall DC
Red Hawk	Dark Red Kidney	97	2082	60	R	R	R	S	R	Hyland/Dow
Dynasty	Dark Red Kidney	97	2446	67	R	S	R	S	R	Hensall DC
GTS 104	Dark Red Kidney	98	2257	59	NA	NA	NA	NA	NA	Gen-Tec
AC Calmont	Dark Red Kidney	100	2139	62	R	R	R	S	R	Hensall DC
Pink Panther	Light Red Kidney	92	2339	70	R	R	R	S	R	Hensall DC
OAC Inferno	Light Red Kidney	102	2774	67	R	S	R	S	R	Hensall DC
Yeti	White Kidney	100	2368	62						Hensall DC

¹ To convert lbs/acre to t/ha divide by 893.

² Yield, Days to Maturity and Seed weight are 3 year averages. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ R = Resistant, S = Susceptible, NA = Not Available

⁴ Anthracnose ratings – the predominant race in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

Coloured Bean Testing Locations			
Monkton	2014	2013	2012
St. Thomas	2014	2013	2012
Kippen	--	2013	2012
Thorndale	--	--	--
Elora	2014	2013	2012
Woodstock	2014	2013	--

Table 4a – Monkton Station Report: 2011 - 2014 Coloured Bean Performance Trial

Variety	Market Class	Days to Maturity Monkton ²	100 Seed Weight ³ (g)	Yield (lbs/ac) ¹				
				Monkton				3 Year All Locations
				4 Year	3 Year	2 Year	2014	
Etna	Cran	89	66	2508	2532	2408	3128	2462
Red Rider	Cran	94	65	2731	2720	2668	3068	2539
Average (lbs/ac)				2619	2626	2538	3098	2500
Majesty	DRK	92	74	2565	2392	2162	2685	2268
Dynasty	DRK	94	67	2523	2420	2400	2945	2446
Red Hawk	DRK	94	60	2264	2363	2391	3008	2082
GTS 104	DRK	95	59	2707	2576	2325	2781	2257
AC Calmont	DRK	98	62	2388	2329	2311	3158	2139
Average (lbs/ac)				2489	2416	2318	2915	2238
Pink Panther	LRK	92	70	2230	2292	2167	2914	2339
OAC Inferno	LRK	98	67	3161	3275	3179	3704	2774
Average (lbs/ac)				2696	2783	2673	3309	2556
Yeti	WK	98	62	2800	2730	2654	3383	2368
Average (lbs/ac)				2800	2730	2654	3383	2368

¹ To convert t/ha to lbs/ac multiply by 893.

² Days to Maturity is 3 year average for Monkton Station. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

Table 4b – St. Thomas Station Report: 2010 - 2014 Coloured Bean Performance Trial

Variety	Market Class	Days to Maturity St Thomas ²	100 Seed Weight ³ (g)	Yield (lbs/ac) ¹					3 Year All Locations
				St Thomas					
				5 Year	4 Year	3 Year	2 Year	2014	
Etna	Cran	77	66	2913	2903	2830	2865	2531	2462
Red Rider	Cran	88	65	3241	3170	2927	2632	2872	2539
Average (lbs/ac)				3077	3037	2879	2748	2701	2500
Red Hawk	DRK	83	60	2662	2645	2409	2327	2526	2082
Dynasty	DRK	84	67	3251	3188	2886	2659	2572	2446
Majesty	DRK	85	74	2810	2856	2615	2454	2493	2268
GTS 104	DRK	86	59	2762	2680	2359	2133	2029	2257
AC Calmont	DRK	87	62	2697	2583	2424	2231	2622	2139
Average (lbs/ac)				2836	2790	2538	2361	2448	2238
Pink Panther	LRK	78	70	2914	2889	2769	2835	2537	2339
OAC Inferno	LRK	91	67	3252	3136	3025	2680	2495	2774
Average (lbs/ac)				3083	3012	2897	2758	2516	2556
Yeti	WK	88	62	2888	2784	2518	2325	2670	2368
Average (lbs/ac)				2888	2784	2518	2325	2670	2368

¹ To convert t/ha to lbs/ac multiply by 893.

² Days to Maturity is 3 year average for St Thomas Station. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

Table 4c – Elora Station Report: 2011 - 2014 Coloured Bean Performance Trial

Variety	Market Class	Days to Maturity Elora ²	100 Seed Weight ³ (g)	Yield (lbs/ac) ¹				
				Elora				3 Year All Locations
				4 Year	3 Year	2 Year	2014	
Etna	Cran	98	66	2212	2474	2860	2624	2462
Red Rider	Cran	107	65	2375	2568	2600	2567	2539
Average (lbs/ac)				2294	2521	2730	2596	2500
Dynasty	DRK	104	67	2320	2552	2695	2783	2446
Majesty	DRK	105	74	2291	2464	2510	2497	2268
GTS 104	DRK	105	59	2119	2335	2435	2386	2257
Red Hawk	DRK	106	60	1754	1958	2151	2160	2082
AC Calmont	DRK	109	62	1953	2212	2431	2391	2139
Average (lbs/ac)				2088	2304	2444	2443	2238
Pink Panther	LRK	101	70	2177	2486	2750	2770	2339
OAC Inferno	LRK	109	67	2245	2456	2458	2922	2774
Average (lbs/ac)				2211	2471	2604	2846	2556
Yeti	WK	107	62	2255	2482	2576	2660	2368
Average (lbs/ac)				2255	2482	2576	2660	2368

¹ To convert t/ha to lbs/ac multiply by 893.

² Days to Maturity is 3 year average for Kippen Station. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

Table 4d – Woodstock Station Report: 2013 - 2014 Coloured Bean Performance Trial

Variety	Market Class	Days to Maturity Woodstock ²	100 Seed Weight ³ (g)	Yield (lbs/ac) ¹		
				Woodstock		3 Year All Locations
				2 Year	2014	
Etna	Cran	94	66	2048	2099	2462
Red Rider	Cran	105	65	1769	1780	2539
Average (lbs/ac)				1908	1939	2500
Red Hawk	DRK	102	60	1607	1940	2082
Dynasty	DRK	102	67	1884	2249	2446
Majesty	DRK	102	74	1509	1583	2268
GTS 104	DRK	104	59	1814	2153	2257
AC Calmont	DRK	106	62	1627	1757	2139
Average (lbs/ac)				1688	1936	2238
Pink Panther	LRK	98	70	1960	2038	2339
OAC Inferno	LRK	105	67	2132	2634	2774
Average (lbs/ac)				2046	2336	2556
Yeti	WK	106	62	1770	1938	2368
Average (lbs/ac)				1770	1938	2368

¹ To convert t/ha to lbs/ac multiply by 893.

² Days to Maturity is 3 year average for Elora Station. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

Table 4E – Kippen Station Report: 2009-2013 Coloured Bean Performance Trial

Note: Kippen data is for 2009-2013. Kippen station was not harvested in 2014 due to water damage.

Variety	Market Class	Days to Maturity Kippen ²	100 Seed Weight ³ (g)	Yield (t/ha) ¹					
				Kippen					3 Year All Locations
				5 Year	4 Year	3 Year	2 Year	2013	
Etna	Cran	96	65	2.67	2.64	2.50	2.47	3.09	2.66
Red Rider	Cran	107	64	3.05	3.03	2.96	2.70	3.32	2.92
Average (t/ha)				2.86	2.83	2.73	2.58	3.21	2.79
Majesty	DRK	101	74	2.76	2.65	2.66	2.27	2.58	2.68
Red Hawk	DRK	102	59	2.25	2.17	2.14	2.05	2.53	2.21
Dynasty	DRK	104	66	3.02	2.84	2.77	2.49	2.94	2.80
GTS 104	DRK	104	58	2.53	2.40	2.39	2.19	2.72	2.63
AC Calmont	DRK	106	60	2.39	2.27	2.17	2.05	2.81	2.30
Average (t/ha)				2.59	2.46	2.42	2.21	2.72	2.53
OAC Lyrik	LRK	92	69	2.42	2.23	2.19	2.12	2.87	2.36
Pink Panther	LRK	98	68	2.53	2.35	2.21	2.16	2.51	2.46
OAC Inferno	LRK	110	66	3.25	3.17	3.25	3.10	3.48	3.03
Average (t/ha)				2.74	2.59	2.55	2.46	2.95	2.62
Yeti	WK	107	61	2.43	2.43	2.40	2.26	2.73	2.66
Average (t/ha)				2.43	2.43	2.40	2.26	2.73	2.66

¹ To convert t/ha to lbs/ac multiply by 893.

² Days to Maturity is 3 year average for Kippen Station. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

Table 5 - 2012 - 2014 Black Bean Variety Performance Trial Report

Variety	Days to Maturity ²	Yield (lbs/ac) ¹				
		All Locations		St Thomas		
		3 Year	2 Year ²	3 Year	2 Year	2014
Zorro	94	3289	3115	3185	2799	2303
Average Yield (lbs/ac) ¹		3289	3115	3185	2799	2303
LSD (0.05) ³		na	149	na	152	150

¹ To convert lbs/acre to t/ha divide by 893.

² Two year average yield and days to maturity is average of St. Thomas, Kippen in 2013 and 2014. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

³ LSD (0.05) – the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

Testing Locations			
St Thomas	2014	2013	2012
Kippen	--	2013	2012

Table 6 – 2012 – 2014 Black Bean Characteristics and Distributors

Variety	100 Seed Weight ³ (g)	Disease Reaction ¹					Suitability for Direct Harvest ⁴	Distributor
		Bean Common Mosaic Virus		Anthracnose ²				
		Race		Race				
		1	15	17	23	73		
Zorro	21.7	R	R	R	R	S	1.8	Hensall DC

¹ R = Resistant, S = Susceptible, NA = Not Available

² Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

³ To convert 100 seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb.

⁴ A variety's suitability of direct harvest is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type or plants that are not erect, with poor bottom pod height.

Table 7 – Addresses of Distributors for Edible Bean Varieties

<p>Advantage Seed Growers and Processors Inc. Box 351 Lucknow, ON N0G 2H0 1-800-651-7333</p>	<p>SeCan Association 400-300 Terry Fox Drive Kanata, ON K2K 0E3 (613) 592-8600</p>	<p>Duncan Seeds Limited 301 South Railway Street Morden, MB R6M 1G7 (204) 822-6629</p>
<p>Gen-Tec Seeds Ltd. P. O. Box 98 Woodslee, ON N0R 1V0 (519) 975-2557</p>	<p>Hensall District Co-op P.O. Box 219 Hensall, ON N0M 1X0 (519) 262-3002</p>	<p>Hyland Seeds, div of Dow AgroSciences 2 Hyland Drive, P. O. Box 250 Blenheim, ON N0P 1A0 (519) 676-8146</p>
<p>R.T. Bolton and Sons 43234 Winthrop Road, RR#1 Dublin, ON N0K 1E0 (519) 527-0455</p>	<p>Rosebank Seed Farms Ltd 7340 Perth Line 24, RR#2 Staffa, ON N0K 1Y0 (519) 345-2697</p>	

Agricultural Information Contact Centre:
 1-877-424-1300
Northern Ontario Regional Office:
 1-800-461-6132

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