

WSU Mount Vernon Conventional

2014

Variety Name	4 Year	3 Year	2 Year	Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Heading	Plant Ht (In)	Lodging (%)	Powdery		Leaf Rust (%)	Leaf Rust Infection type (1=R, 2=MR, 3=MS, 4=S)
	Average (Lbs/A)	Average (Lbs/A)	Average (Lbs/A)				(Days from Jan. 1)			Mildew (%)	Leaf Rust		
Richard (2004NZ151)	6385	6046	5381	4612	46.7	10.6	195	20	0	0	3	2	
2004NZ170		5432	4671	4272	45.3	12.3	196	19	0	10	32	3	
Baronesse	5247	5130	4578	3974	45.3	11.3	193	19	0	28	28	2	
Champion	4827	4570	4167	3751	44.4	11.6	193	22	0	27	35	4	
Harrington	4577	4369	3662	3717	43.3	11.6	194	23	0	2	77	4	
11MQ71				3682	41.3	9.7	188	22	0	0	3	1	
Muir (07WA-601.6)		4786	4193	3680	45.7	11.4	194	23	0	35	12	2	
Bob	5708	4794	4366	3658	45.3	10.2	195	22	0	33	13	2	
Newdale		4835	4253	3538	43.6	11.9	194	22	0	35	27	4	
Camas		3979	4004	3426	41.7	12.4	196	23	0	40	73	4	
Hockett		3869	3748	3366	43.1	11.5	195	23	0	42	78	4	
Lyon (05WA-316.K)		4739	4163	3137	43.2	12.2	194	17	0	43	58	3	
CDC Copeland	4466	4155	3790	3032	43.2	11.8	197	23	0	47	90	4	
Bentley	3994	4058	3664	2858	41.4	11.5	197	22	0	43	55	4	
AC Metcalfe	4404		3706	2775	43.6	13.3	193	23	0	23	68	4	
CDC Meredith	4629	4572	3570	2719	41.0	11.9	197	21	0	33	43	4	
Full Pint (BCD47)	4826	4101	3790	2503	44.1	12.5	195	18	0	43	0	1	
Arapiles				1996	44.2	13.6	182	17	0	57	72	4	
C.V. %				9	1.7	4.6	0.5	7	N/A	29	35	6	
LSD (.10)				438	1.0	0.7	1.3	2	N/A	12	21	0	
Average	4906	4629	4107	3372	44	12	194	21	0	30	43	3	
Highest	6385	6046	5381	4612	47	14	197	23	0	57	90	4	
Lowest	3994	3869	3570	1996	41	10	182	17	0	0	0	1	

Planted: 5/20/12

Harvested: 9/8/14

Fertilizer: Applied Custom Blend (27-7-8-7) @ 80 lbs N/Acre on 5/21/14

Weed Control: Applied Axial (16.4 oz/acre); Harmony extra (0.5 oz/acre); Maestro (12 oz/acre); R-11 (0.1 pt/acre) on 6/26/14

Disease Control: Applied Quadris @ 12 oz/Acre on 6/26/14

WSU Mount Vernon Organic

2014

Variety Name	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Heading	Plant Ht (In)	Lodging (%)	Powdery		Leaf Rust (%)	Leaf Rust Infection type (1=R, 2=MR, 3=MS, 4=S)
						from Jan. (Days 1)			Mildew (%)	Leaf Rust (%)		
Richard (2004NZ151)	5041	4844	5170	49.5	7.8	166	27	2	0	53	2	
Champion	4993		4690	51.9	8.0	162	33	0	13	90	4	
Muir (07WA-601.6)	4851	4284	4645	51.0	8.0	164	35	5	18	50	2	
Bob	4775	4486	4617	52.6	7.5	165	34	27	20	43	2	
Baronesse	4887	4528	4561	50.6	8.7	163	32	3	13	47	2	
CDC Copeland	4469	4157	4514	48.3	9.3	165	39	30	18	93	4	
2004NZ170	4764	4242	4426	48.8	8.7	166	25	30	13	53	2	
11MQ71			4396	50.4	7.8	158	33	2	0	17	1	
Lyon (05WA-316.K)	4631	4111	4288	49.4	8.6	162	30	0	18	63	2	
CDC Meredith	4312	3801	4187	47.9	8.3	166	34	35	15	93	4	
Bentley	3659	3587	4187	47.2	8.6	165	38	5	15	93	4	
Newdale	4768	4461	4111	48.5	9.0	163	33	2	10	97	4	
AC Metcalfe		3913	4076	49.6	8.5	164	35	30	13	100	4	
Camas	4386	4132	3977	47.7	8.3	164	33	28	17	97	4	
Arapiles			3953	49.7	9.7	153	31	0	22	100	4	
Hockett	3869	3806	3904	50.1	8.1	162	34	25	20	100	4	
Harrington	3719	3272	3603	48.0	8.6	165	37	35	3	97	4	
Full Pint (BCD47)	3824	3351	3319	48.7	9.3	165	24	0	40	10	1	
C.V. %			13	2	7	0	6	174	24	10	6	
LSD (.10)			754	1.6	0.8	0.9	3	34	5	9	0	
Average	4463	4065	4257	47	8	147	30	23	15	66	3	
Highest	5041	4844	5170	53	10	166	39	174	40	100	4	
Lowest	3659	3272	3319	2	7	0	3	0	0	9	1	

Planted: 4/10/14

Harvested: 8/12/14

Fertilizer: Applied Proganic (8-2-4) @ 72 lbs N/Acre on 4/7/14

Weed Control: Cultivated with Lely tine harrow on 4/29/14

Whatcom County

2014

Variety Name	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Plant Ht (In)	Lodging (%)	Powdery Mildew (%)	Leaf Rust (%)	Leaf Rust Infection type (1=R, 2=MR, 3=MS, 4=S)
Richard (2004NZ151)	6074	6356	6278	47.7	10.9	23	10	0	4	2
Bob	5429	5667	5616	49.2	10.8	26	23	5	7	2
2004NZ170		5848	5288	46.1	11.8	20	15	0	10	3
Lyon (05WA-316.K)		4985	5265	45.7	12.5	27	52	2	7	3
Muir (07WA-601.6)		5326	5247	46.5	11.5	25	12	2	7	2
Baronesse	4816	5016	5192	48.2	11.3	28	33	0	4	2
Full Pint (BCD47)	5192	5270	5114	49.5	10.9	23	8	7	0	1
Champion	4918		5089	47.1	11.8	27	23	0	12	4
AC Metcalfe		4760	4704	46.1	12.2	31	17	5	12	4
Bentley		4729	4630	44.2	11.9	30	30	7	15	4
11MQ71			4527	47.8	9.6	26	0	0	1	1
Camas	4153	4606	4480	43.9	12.5	28	8	7	17	4
CDC Copeland	4725	4909	4468	44.5	13.0	28	33	3	15	4
Hockett	3478	3650	4192	44.4	11.6	25	28	7	18	4
Arapiles			3998	47.2	12.5	20	27	3	13	4
CDC Meredith		4517	3884	41.8	12.7	28	33	8	10	4
Harrington		4403	3810	43.2	12.2	26	35	0	12	4
Newdale		3972	3047	43.5	13.5	23	2	0	15	4
C.V. %			10	2.3	8.6	10	64	154	50	6
LSD (.10)			619	1.5	1.4	3	19	7	7	0
Average	4848	4934	4713	42	11	24	24	11	12	3
Highest	6074	6356	6278	49	14	31	64	154	50	6
Lowest	3478	3650	3047	1	1	3	0	0	0	0

Planted: 4/2/14

Harvest: 8/8/14

Fertilizer: Applied Urea (46-0-0) @ 80 lbs N/acre on 5/11/14

Weed Control: Applied Maestro @ 1.5 pint/acre; Harmony extra @ 0.5 oz/acre on 5/8/14

Island County

2014

Variety Name	4 Year Average (Lbs/A)	3 Year Average (Lbs/A)	2 Year Average (Lbs/A)	Yield (Lbs/A)	Test Wt (Lbs/Bu)	Protein (%)	Plant Ht (In)	Lodging (%)	Powdery		Leaf Rust (%)	Leaf Rust Infection type (1=R, 2=MR, 3=MS, 4=S)
									Mildew (%)	Leaf Rust (%)		
11MQ71				6622	48.4	11.2	37	10	0	0	0	1
Richard (2004NZ151)	6548	6837	6544	5907	48.1	10.6	30	2	0	4	4	2
Baronesse	5925	5867	5661	5276	49.7	11.9	33	50	70	7	7	2
Champion	5778	5793	5276	5250	51.2	11.2	33	48	77	22	22	4
Camas				5240	48.4	11.4	31	45	77	57	57	4
Lyon (05WA-316.K)			5264	5126	49.2	12.2	31	57	70	10	10	3
Hockett			5186	5032	48.6	10.7	35	40	75	47	47	4
Full Pint (BCD47)	4847	5245	5490	4896	48.4	11.1	28	0	77	0	0	1
AC Metcalfe	6015	6078	5532	4843	49.2	10.7	31	7	77	10	10	4
Muir (07WA-601.6)			5331	4741	50.1	11.9	32	60	67	8	8	2
Harrington	4785		4865	4608	46.3	11.7	32	80	0	58	58	4
2004NZ170			5577	4064	48.4	12.2	27	13	25	15	15	2
CDC Meredith			4681	4013	44.6	12.1	31	43	67	13	13	4
Arapiles				3897	45.4	12.5	26	42	92	40	40	4
Bob	5401	5353	4953	3811	49.7	12.0	30	55	82	5	5	2
Bentley			4078	3588	47.4	11.9	34	60	87	22	22	4
Newdale			4698	3558	45.1	12.8	30	92	88	23	23	4
CDC Copeland	4112	4339	3858	3197	45.9	12.0	35	95	75	58	58	4
C.V. %				19	2.5	10.3	7	81	12	72	72	6
LSD (.10)				1230	1.7	1.7	3	38	10	22	22	0
Average	5426	5644	5133	4648	48	12	32	44	61	22	22	3
Highest	6548	6837	6544	6622	51	13	37	95	92	58	58	4
Lowest	4112	4339	3858	3197	45	11	26	0	0	0	0	1

Planted: 4/9/14

Harvested: 8/20/14

Fertilizer: N/A

Weed Control: 2,4-D ester in May