

CIDER APPLE BLOOM AND PRODUCTIVITY HABIT

WSU Mount Vernon NWREC

Selected varieties with 3 or more years data for all parameters measured

Cultivar	Bloom Density ± SD¹	Bloom Habit²	Productivity Rating ± SD¹	Prod. Habit²
Bramley's Seedling	2.8 ± 1.3	CON	2.7 ± 1.2	CON
Bramtot	4.1 ± 0.8	CON	3.0 ± 0.6	CON
Breakwell Seedling	4.1 ± 1.5	CON	3.2 ± 1.0	CON
Bulmer's Norman	4.6 ± 0.6	St-CON	3.0 ± 2.0	BI
Campfield	3.5 ± 1.0	CON	1.8 ± 0.6	CON
Chisel Jersey	3.3 ± 1.4	CON	2.7 ± 1.0	CON
Golden Russet	4.7 ± 0.6	St-CON	3.6 ± 0.4	St-CON
Gravenstein, Red (Worthen)	4.0 ± 0.7	CON	3.5 ± 0.3	St-CON
Grimes Golden	4.6 ± 0.4	St-CON	4.0 ± 0.4	St-CON
Harrison	3.4 ± 0.6	St-CON	2.1 ± 0.5	CON
Kermerrien	3.1 ± 1.7	BI	2.8 ± 1.5	BI
Kingston Black	3.3 ± 1.4	CON	2.7 ± 1.6	BI
Maude	4.1 ± 1.3	CON	2.2 ± 1.0	CON
Redstreak, Hereford	3.6 ± 0.8	CON	3.2 ± 1.5	CON
Ross Nonpareil	4.6 ± 0.6	St-CON	2.4 ± 1.1	CON
Tramlett's, Geneva	4.3 ± 0.7	St-CON	2.7 ± 1.4	CON
Vilberie	3.3 ± 1.3	CON	2.7 ± 1.8	BI
Yarlington Mill	3.7 ± 1.0	CON	3.7 ± 0.6	St-CON

¹ Rating scale 1-5 where 1 = very sparse, unproductive; 2 = light; 3 = moderate; 4 = abundant; and 5 = snowball/overloaded.

² St-BI = strongly biennial; BI = biennial; CON = consistent; and St-CON = strongly consistent

Cv	Rootstock	No. Trees	Yield lbs/Tree					Avg	SD	Mean Prod Rating
			2017	2016	2015	2014	2013			
Amere de Berthcourt	Bud 9	3	6	43	29	17	13	22	14.59	3.21
Blanc Mollet	Bud 9	1	41	0	67	0	41	30	29.20	3.00
Bouteville	M9	1	14	10	22	2	11	12	7.22	4.00
Bramley's Seedling	M26	1	267	143	118	34	72	127	88.90	3.50
Breakwell Seedling	M26	3	141	133	128	5	59	93	59.22	3.13
Brown Snout	M106	1	208	134	236	- ¹	-	193	52.70	3.50
Cap of Liberty	M106	2	173	0	142	22	135	94	77.85	3.17
Chisel Jersey	M106	3	79	41	54	50	87	62	19.77	3.00
Cimitiere	M9	1	43	0	67	0	50	32	30.49	3.00
Dabinett	M106	5	159	43	121	50	113	97	49.50	3.67
Finkenwerder Herbstprinz	M106 (3) M9 (1)	4	113	56	30	23	45	53	35.71	3.19
Frequin Rouge	M106	5	42	46	77	51	36	50	15.85	3.05
Golden Russet	M26	2	119	100	74	63	8	73	42.34	3.90
Granniwinkle	M106 (3) Bud 9 (1)	4	25	73	17	19	5	28	26.29	3.75
Gravenstein, Red Worthen	M9	2	21	21	17	13	-	18	3.83	4.10
Harry Masters' Jersey	M106	1	155	56	37	96	134	96	50.01	3.92
Hewes' Virginia Crab	M9	1	35	42	19	5	8	22	16.30	3.88
Kermerrien	M106	5	125	8	68	16	62	56	47.02	3.07
Major	M9	1	97	21	98	7	23	49	44.52	3.67
Michelin	M106	1	267	61	149	18	196	138	100.57	3.58
Mott Pink	M9	1	196	59	116	0	80	90	72.58	3.50
Muscat de Bernay	M106	3	56	66	0	-	20	36	30.83	3.67
Peau de Vache	Bud 9	1	37	71	53	38	33	46	15.71	4.17
Redstreak	M106	1	0	0	41	34	20	19	18.92	3.25
Roxbury Russet	Bud 9	1	0	0	18	7	3	6	7.50	3.17
Smith's Cider	Bud 9	1	38	46	37	11	18	30	14.78	3.58
Sweet Alford	M9	1	32	12	43	11	19	23	13.79	3.92
Taliaferro	Bud 9	1	23	19	22	25	6	19	7.58	3.33
Track Zero (Ross Cider)	Bud 9	1	29	137	5	82	48	60	51.34	3.83
Tom Putt	M106 (3) M26 (2)	5	224	-	-	119	122	155	59.77	4.38
Vilberie	M106	1	283	0	371	0	-	164	192.18	3.00
Whidbey	M9	1	30	25	26	11	13	21	8.46	3.75
Yarlington Mill M106	M106	2	-	256	151	60	317	196	113.67	3.67
Zabergau Reinette	M9	1	141	51	168	9	104	95	64.92	3.83

¹- fruit not available for yield measurement