

## Aroma Variety Survey

Name	Acc #	Yield	% Alpha	% Beta	Ratio	CoH	Dil ml/100c	Myrc	Hum	Cary	H/C	Farn	Lin	Storage
Hallert.mf	20014	poor	3 to 5	4 to 5	1.0	20	0.8	40	33	10.0	3.4	trace		F - P
Tettnanger	21015	poor	4 to 5	3 to 5	1.0	24	0.5	40	20	6.2	3.4	11		F - P
Fuggle	21016	fair	5 to 6	2 to 3	1.6	27	0.6	47	24	8.3	2.9	4		F - P
Willamette	21041	good	6 to 8	3 to 5	1.2	31	1.1	51	21	7.2	2.9	5		F - G
Styrian	21049	fair	4 to 8	2 to 5	1.5	28	1.0	47	24	8.2	2.9	4		F - G
Saazer	21077	poor	3 to 4	3 to 4	1.0	23	0.6	33	24	7.5	3.3	13		F - P
Cascade	56013	v. good	6 to 8	4 to 7	1.1	34	1.2	66	10	4.0	2.6	4		F - P
Elsasser	21170	poor	3 to 6	4 to 7	0.9	25	0.6	39	29	8.7	3.3	trace		F - G
Hersbrucker	21185	fair	4 to 7	5 to 8	0.8	25	0.7	49	26	8.1	3.2	trace		F - G
Spalter	21186	poor	4 to 7	3 to 6	1.2	23	0.6	48	17	5.4	3.2	10		F - P
Perle	21227	good	8 to 10	4 to 5	2.0	28	1.1	44	28	10.1	2.9	trace		v. Good
Mt.Hood	21455	v. good	5 to 7	6 to 8	0.8	23	1.6	47	26	10.9	2.3	trace		F - G
Liberty	21457	v. good	4 to 6	3 to 5	1.1	23	1.2	46	30	8.7	3.4	trace		F - G
Crystal	21490	v. good	3 to 5	5 to 7	0.6	21	1.3	52	22	5.8	3.5	trace		F - G
Ultra	21484	v. good	4 to 6	4 to 5	0.9	24	1.2	32	40	13.0	3.2	trace		F - G
Santiam	21664	v. good	5 to 7	6 to 7	1.0	22	1.4	41	20	6.0	3.5	11		Fair
Sterling	21689	v. good	6 to 8	4 to 6	1.1	23	1.3	46	18	5.0	3.4	15		F - G
NZ Hallertauer	21610	v. good	6 to 8	5 to 6	1.2	41	1.3	60	10	4.7	2.0	4		v. Good
Ea K Golding	21680	fair	5 to 6	2 to 3	1.7	29	0.9	42	27	8.9	3.0	trace		F - G
Hall.Tradition	21672	good	7 to 8	4 to 5	1.2	26	1.5	60	18	5.3	3.4	trace		Fair
Spalter Select	21674	good	5 to 6	4 to 5	1.1	23	1.3	56	7	3.0	2.4	11		F - G
Centennial	21507	v. good	11 to 13	4 to 5	2.8	29	2.8	76	6	3.4	1.8	trace		F - P
Newport	21736	v. good	15	8	1.9	38	2.0	50	12	6.0	2.0	?		Good
Mt.Rainier	21740	v. good	6 to 9	6 to 8	1.0	22	0.9	62	17	5.1	3.4	trace	1	v. Good
Ahtanum		v. good	5 to 7	5 to 7	1.0	33	1.0	52	18	10.0	1.5	trace		
Palisade		v. good	6 to 9	6 to 9	1.0	28						0		Good
Saphir		good	3 to 5	5 to 7	0.8			high	medium				1 +	

Smaragd	good	4 to 6	4 to 6	1.0	13	medium	high	1 +
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NOTES:

Fuggle and Styrian nearly identical.

NZ Hallertauer is a high alpha, not a German noble aroma.

Centennial lands between an aroma and high alpha

Perle is not an aroma hop.