

Making Your Own Specialty Grains

Crystal Malts

Crystal 10L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal 10L	2 row base	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Wheat	White Wheat	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Rye	Rye Malt	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Vienna	Vienna Malt	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Red	Red Malt	C10	3-12 hours	2 hours	170	1-2 hours	250	5	350	10	2-6 weeks
Crystal Munich	Light Munich 6L	C10	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks

Crystal 20L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C20	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks
Crystal 20L	2 row base	C20	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C20	3-12 hours	2 hours	170	1-2 hours	250	15	350	10	2-6 weeks
Crystal Wheat	White Wheat	C20	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks
Crystal Rye	Rye Malt	C20	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks
Crystal Vienna	Vienna Malt	C20	3-12 hours	2 hours	170	1-2 hours	250	15	350	10	2-6 weeks
Crystal Red	Red Malt	C20	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks
Crystal Munich	Munich 10L	C20	3-12 hours	2 hours	170	1-2 hours	250	10	350	10	2-6 weeks

Crystal 45L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C45	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks
Crystal 45L	2 row base	C45	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C45	3-12 hours	2 hours	170	1-2 hours	250	25	350	10	2-6 weeks
Crystal Wheat	White Wheat	C45	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks
Crystal Rye	Rye Malt	C45	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks
Crystal Vienna	Vienna Malt	C45	3-12 hours	2 hours	170	1-2 hours	250	25	350	10	2-6 weeks
Crystal Red	Red Malt	C45	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks
Crystal Munich	Munich 10L	C45	3-12 hours	2 hours	170	1-2 hours	250	20	350	10	2-6 weeks

Crystal 60L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C60	3-12 hours	2 hours	170	1-2 hours	250	40	350	10	2-6 weeks
Crystal 60L	2 row base	C60	3-12 hours	2 hours	170	1-2 hours	250	40	350	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C60	3-12 hours	2 hours	170	1-2 hours	250	35	350	10	2-6 weeks
Crystal Wheat	White Wheat	C60	3-12 hours	2 hours	170	1-2 hours	250	40	350	10	2-6 weeks
Crystal Rye	Rye Malt	C60	3-12 hours	2 hours	170	1-2 hours	250	40	350	10	2-6 weeks
Crystal Vienna	Vienna Malt	C60	3-12 hours	2 hours	170	1-2 hours	250	35	350	10	2-6 weeks
Crystal Red	Red Malt	C60	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks
Crystal Munich	Munich 10L	C60	3-12 hours	2 hours	170	1-2 hours	250	30	350	10	2-6 weeks

Crystal 100L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C100	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks
Crystal 100L	2 row base	C100	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C100	3-12 hours	2 hours	170	1-2 hours	250	25	400	10	2-6 weeks
Crystal Wheat	White Wheat	C100	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks
Crystal Rye	Rye Malt	C100	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks
Crystal Vienna	Vienna Malt	C100	3-12 hours	2 hours	170	1-2 hours	250	25	400	10	2-6 weeks
Crystal Red	Red Malt	C100	3-12 hours	2 hours	170	1-2 hours	250	20	400	10	2-6 weeks
Crystal Munich	Munich 10L	C100	3-12 hours	2 hours	170	1-2 hours	250	20	400	10	2-6 weeks

Crystal 125L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C125	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks
Crystal 125L	2 row base	C125	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C125	3-12 hours	2 hours	170	1-2 hours	250	35	400	10	2-6 weeks
Crystal Wheat	White Wheat	C125	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks
Crystal Rye	Rye Malt	C125	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks
Crystal Vienna	Vienna Malt	C125	3-12 hours	2 hours	170	1-2 hours	250	35	400	10	2-6 weeks
Crystal Red	Red Malt	C125	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks
Crystal Munich	Munich 10L	C125	3-12 hours	2 hours	170	1-2 hours	250	30	400	10	2-6 weeks

Crystal 180L

Name	Malt Used	Goal	Soak Time	Convert Time	Temp	Dry Time	Temp	Roast Time	Temp	Stir Intervals	Rest Time
Crystal Pilsen	Pilsen Malt	C180	3-12 hours	2 hours	170	1-2 hours	250	50	400	10	2-6 weeks
Crystal 180L	2 row base	C180	3-12 hours	2 hours	170	1-2 hours	250	50	400	10	2-6 weeks
Crystal Pale	Pale Ale Malt or MO	C180	3-12 hours	2 hours	170	1-2 hours	250	45	400	10	2-6 weeks
Crystal Wheat	White Wheat	C180	3-12 hours	2 hours	170	1-2 hours	250	50	400	10	2-6 weeks
Crystal Rye	Rye Malt	C180	3-12 hours	2 hours	170	1-2 hours	250	50	400	10	2-6 weeks
Crystal Vienna	Vienna Malt	C180	3-12 hours	2 hours	170	1-2 hours	250	45	400	10	2-6 weeks
Crystal Red	Red Malt	C180	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks
Crystal Munich	Munich 10L	C180	3-12 hours	2 hours	170	1-2 hours	250	40	400	10	2-6 weeks