
RECIPE | Altbier

INITIAL RELEASE: 1984

BATCH SIZE: 10.0 Bbl

--MALT--

Pale Malt	550 lbs
Munich Malt	60 lbs
Caramel 40L	50 lbs
Roast Malt	11 lbs
Chocolate Malt	9 lbs

--HOPS--

Alchemy	90 min BKO	2.4 lbs	(15.4% alpha)
Willamette	0 min BKO	3.7 lbs	(5.5% alpha)

BKO= Before end of boil

--ADDITIVES--

Mash Salts	.75 lbs	CaSO ₄
Kettle Salts	1.0 lbs	CaSO ₄
Irish Moss	.16 lbs	

--TARGET PARAMETERS--

Mash-in	130-135 °F
Rest Time	15 min
Conversion Temp	159-160 °F
Rest Time	30 min

Kettle Full Plato	11.5 °P
Fermentation Temp	68 °F

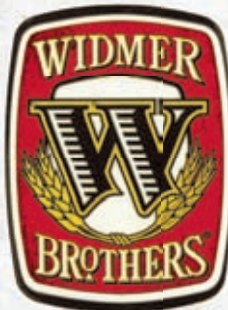
Original Gravity	12.0 °P
Terminal Gravity (AE)	2.3 °P
Bitterness Target	40 IBUs
ABV Target	5.0%

Yeast	Alt Yeast
Pitching Rate	12 Million/ml

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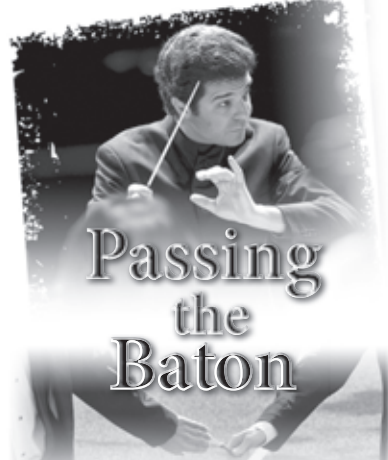
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