

BREWSHEET v3.4 (2014-12-14)

user input  
calculated

Brew header table with fields: Name, Brew Date, Rack Date, Keg/Bottle Date, Estimated, Actual, ABV (%), OG (SG), FG (SG), IBU, SRM, IBU/Gravity Ratio.

Grain table with columns: Grain, Pounds, Potential, SG Share, Color, % Bill. Includes Pilsner (2-Row) Germany, Vienna Malt, Munich Malt 10L, Belgian aromatic malt, Belgian Special 'B', Unmalted Raw White Wheat.

Hop table with columns: Hop, Type, Ounces, Boil Time, Alpha %, IBU, % Bill. Includes Hallertauer (GR).

Design Notes: Mash-in at 146F for 15 min; raise to 156F for 30 min; raise to 162F for 15 min; mash-out. After initial fermentation is complete, add oak cubes (2 oz per 5 gal) and age for 3 months. Rack, then brew a second batch and pitch on top of yeast cake. Do the same with the second batch; then blend the two batches to target sourness. Can also use the oak chair leg in carboy method.

Batch Variables and Calculations table containing Mash, Sparge, Boil, and Fermentation sections with various process parameters and values.

System Variables table with parameters like Brewhouse Efficiency, Volume in Hoses, Total Grain Weight, Mash/Lauter Tun Deadspace, Strike to Sparge Volume Ratio, Trub Loss, FWH IBU Factor, Strike Temperature Factor, Sparge Temperature Factor, Estimated Evaporation Rate, Mash-out Temperature, First Runnings Gravity, First Runnings Gravity (Brix), First Runnings Gravity (SG), Desired Sparge Temperature, Sparge Water, Sparge Water Temperature, Estimated Second Runnings, Second Runnings Gravity, Second Runnings Gravity (Brix), Second Runnings Gravity (SG), Estimated Preboil Volume, Estimated Preboil Gravity (Brix), Preboil Volume, Preboil Gravity (Brix), Preboil Gravity (SG), Extraction Efficiency, Boil Time, Estimated Evaporation Loss, Hop Absorption, Volume Left in Kettle, Actual Evaporation Rate, Actual Evaporation Loss, Original Gravity, Batch Size Efficiency, Actual Efficiency, Fermentation Primary, Secondary, Tertiary, Final Gravity, Temperature of Reading, Corrected SG, Target Fermentation for Diacetyl Rest, Target Gravity for Diacetyl Rest, Calories per Pint, 12 oz. Bottles Required, Carbonation Botting Temperature, Volumes of CO2, Priming Sugar, DME, Forced Carbonation.

BJCP Style Guidelines, Yeast Strain, Required Amounts, Yeast Starter/Slurry, User Variables, and Brewing Notes sections.

Batch Scaling table with columns: Grain, Pounds, Potential, Color, % Bill. Includes Pilsner (2-Row) Germany, Vienna Malt, Munich Malt 10L, Belgian aromatic malt, Belgian Special 'B', Unmalted Raw White Wheat.

Poundage table with columns: Goal (lbs), Amount (lbs | oz | f\_oz), Vials (White Labs/Wyeast), Dry Yeast (g).

Hydrometer Correction table with fields: SG, Temperature (F), Corrected SG.

Gravity Calculator table with fields: Brix, Specific Gravity, Degrees Plato.

Brix Ethanol Correction table with fields: Original Brix, Current Brix, SG.

Brewing Notes: 2/9: accidentally put 5# Vienna instead of 4#... so should be 1.056 OG, 17.5 IBU and 15.1 SRM. Stopped boil at 105 min (OG was reached and volume was about right). 3/19: sampled; aroma is acidic; so is flavor with a tiny hint of sourness; good funk; very slight malty notes; more acidic than the brown. No real pellicle yet; check in a month and add oak at that time. 5/7: added oak (12" dowel into the head of the carboy; taped with blue tape. 6/27: sampled; aroma is acidic, sour, wild, fruity, wonderful; flavor is initially tart, smooth, very slightly sour with hints of citrus and malt; slightly bitter; aroma much more pronounced than flavor. Overall very good (should be great when blended). 7/10: transferred to a secondary so that a fresh batch can be collected on top of the yeast cake. 1.011 SG (5.7% ABV); aroma is just wonderful; flavor is delicious; sourness is only slight; huge white pellicle on top. Placed the oak dowel in the secondary. 11/10: sampled; aroma of stinky feet; will let sit for a while to see how it ages. 1/6/17: kegged 4.5 gal