

266 We Still Do 5 Gallon All Grain

American Pale Ale (18 B)

Type: All Grain
Batch Size: 5.00 gal
Boil Size: 6.53 gal
Boil Time: 60 min
End of Boil Vol: 5.99 gal
Final Bottling Vol: 4.60 gal
Fermentation: Ale, Two Stage

Date: 09 Jun 2021
Brewer: Thomas Monti
Asst Brewer:
Equipment: All Grain - Standard 5 Gal/19l Batch - Cooler
Efficiency: 72.00 %
Est Mash Efficiency: 82.8 %
Taste Rating: 30.0



Taste Notes:

Prepare for Brewing

- Hydrate yeast with 276.53 ml warm water and add optional 13.8 g of GoFerm
- Clean and Prepare Brewing Equipment
- Total Water Needed: 7.91 gal
- Mash Water Acid: None

Mash or Steep Grains

Mash Ingredients

Amt	Name	Type	#	%/IBU	Volume
3 lbs 9.0 oz	White Wheat Malt (2.4 SRM)	Grain	1	37.7 %	0.28 gal
3 lbs 8.0 oz	Brewers Malt 2-Row (Briess) (1.8 SRM)	Grain	2	37.1 %	0.27 gal
1 lbs 3.0 oz	Carapils (Briess) (1.5 SRM)	Grain	3	12.6 %	0.09 gal
1 lbs 3.0 oz	Oats, Flaked (1.0 SRM)	Grain	4	12.6 %	0.09 gal

Mash Steps

Name	Description	Step Temperature	Step Time
Mash In	Add 2.95 gal of water at 164.9 F	150.0 F	75 min

- Sparge Water Acid: None
- Fly sparge with 4.96 gal water at 168.0 F

First Wort Hops

Amt	Name	Type	#	%/IBU	Volume
0.50 oz	Centennial [10.00 %] - First Wort 60.0 min	Hop	5	19.0 IBUs	-

- Add water to achieve boil volume of 6.53 gal
- Estimated pre-boil gravity is 1.045 SG

Steeped Hops

Amt	Name	Type	#	%/IBU	Volume
0.50 oz	Amarillo [9.20 %] - Steep/Whirlpool 60.0 min, 185.0 F	Hop	6	5.3 IBUs	-
1.00 oz	Galaxy [14.00 %] - Steep/Whirlpool 20.0 min, 185.0 F	Hop	7	9.8 IBUs	-

- Estimated Post Boil Vol: 5.99 gal and Est Post Boil Gravity: 1.051 SG

Cool and Transfer Wort

- Cool wort to fermentation temperature
- Transfer wort to fermenter
- Add water if needed to achieve final volume of 5.00 gal

Pitch Yeast and Measure Gravity and Volume

Fermentation Ingredients

Amt	Name	Type	#	%/IBU	Volume
1.0 pkg	Voss Kveik Ale Yeast (Lallemand #-) [50.28 ml]	Yeast	8	-	-

- Measure Actual Original Gravity _____ (Target: 1.051 SG)

Measure Actual Batch Volume _____ (Target: 5.00 gal)

Fermentation

09 Jun 2021 - Primary Fermentation (4.00 days at 67.0 F ending at 67.0 F)

13 Jun 2021 - Secondary Fermentation (10.00 days at 67.0 F ending at 67.0 F)

Dry Hop and Bottle/Keg

Dry Hop/Bottling Ingredients

Amt	Name	Type	#	%/IBU	Volume
0.50 oz	Galaxy [14.00 %] - Dry Hop 0.0 Days	Hop	9	0.0 IBUs	-
0.50 oz	citiva [7.00 %] - Dry Hop 0.0 Days	Hop	10	0.0 IBUs	-

Measure Final Gravity: _____ (Estimate: 1.010 SG)

Date Bottled/Kegged: 23 Jun 2021 - Carbonation: Bottle with 3.61 oz Corn Sugar

Age beer for 30.00 days at 65.0 F

23 Jul 2021 - Drink and enjoy!

Notes