

# LUUUUUC! ALL-STAR DOUBLE IPA (All Grain)

Official NORTHERN BREWER Instructional Document

Called a Nerd by his teammates, this kit is for every beer nerd out there. Jonathan Lucroy is our All-Star brewer and LUUUUUC! is an All-Star Double IPA. Like Lucroy, this kit is balanced yet deceptively strong with a big hop punch and a malty backbone. A big hitter in every line up, this beer will have you chanting LUUUUUC! for many days to come.

## O.G: 1.080 READY: 6-8 WEEKS

Suggested fermentation schedule:

- 1-2 week primary; 2-4 weeks secondary;
- 2 weeks bottle conditioning

## MASH INGREDIENTS

- 12.5 lbs Rahr 2-Row
- 2 lbs German Munich Malt
- 0.5 lbs Briess Carapils
- 0.25 lbs Bairds Carastan

## BOIL ADDITIONS & TIMES

- 1 oz Warrior (60 min)
- 1 oz Cascade (30 min)
- 1 oz Centennial (30 min)
- 1 lb Corn sugar (10 min)
- 1 oz Cascade (Flame out - 10 minute hop stand)
- 1 oz Centennial (Flame out - 10 minute hop stand)
- Dry hops: 1 oz Amarillo, 1 oz Cascade, 1 oz Centennial, 1 oz Chinook (add to secondary 7-10 days before bottling day)

## YEAST

Dry yeast (default) Safale US-05.  
Optimum temperature: 59–75°F

Liquid yeast Option:  
Wyeast #1056 American Ale Yeast.  
Optimum temperature: 60–72°F

White Labs WLP001 California Ale Yeast.  
Optimum temp: 68-73°F

## PRIMING SUGAR

- 5 oz Priming Sugar (save for Bottling Day)

## MASH SCHEDULE: SINGLE INFUSION

Sacch' Rest: 152° F for 60 minutes

Mashout: 170° F for 10 minutes

## BOIL ADDITIONS & TIMES

- 1 oz Warrior (60 min)
- 1 oz Cascade (30 min)
- 1 oz Centennial (30 min)
- 1 lb Corn sugar (10 min)
- 1 oz Cascade (Flame out - 10 minute hop stand)
- 1 oz Centennial (Flame out - 10 minute hop stand)

## DRY HOPS

1 oz Amarillo, 1 oz Cascade, 1 oz Centennial, 1 oz Chinook  
(add to secondary 7-10 days before bottling day)

## YEAST

**DRY YEAST (DEFAULT):** Safale US-05.  
Optimum temperature: 59–75°F

## LIQUID YEAST OPTION:

Wyeast #1056 American Ale Yeast.  
Optimum temperature: 60–72°F

White Labs WLP001 California Ale  
Yeast. Optimum temp: 68-73°F