



# Brewer's Friend

<http://www.brewersfriend.com>

## Brew Day Checklist for All Grain Recipes

Complete Recipe Builder: [www.brewersfriend.com/homebrew](http://www.brewersfriend.com/homebrew)

Brewer: Bert Timmerman

Brew Date: August 16, 2020

Recipe Name: 03 SMaSH Godiva

Beer Type: 12A British Golden Ale

### Setup and Mash

- ☒ Double check all ingredients are on hand for recipe, including prepared yeast starter if applicable.
- ☒ Plan out mash schedule. <http://www.brewersfriend.com/mash/>
- ☐ Begin heating strike water in hot liquor tank (HLT) or secondary kettle.
- ☐ Add brewing salts as recipe calls for or to style. <http://www.brewersfriend.com/water-chemistry/>
- ☒ Weigh out and mill grains.
- ☐ Setup mash tun and kettle and ensure they are clean.
- ☐ Make sure valves are closed on mash tun and brew kettle.
- ☐ When strike water is ready, pre-heat tun, begin dough-in procedure and mash.
- ☐ Monitor mash temperature during mash and adjust as necessary.
- ☐ Start heating water for next infusion or sprage.
- ☐ Take yeast out of fridge if using liquid ale yeast.

### Sparge and Boil

- ☐ Vorlauf (drain mash tun until runnings are clear and pour back into mash tun) then drain first runnings to kettle.
- ☐ Add sparge water to mash, wait 20 minutes, then drain to kettle.
- ☐ Take a gravity reading. Pre-boil gravity: \_\_\_\_\_
- ☐ Fire the kettle and bring to a boil. Pre-boil wort collected: \_\_\_\_\_
- ☐ Stir well as hot break occurs to avoid boil over. Start timer when boil starts.

*Kettle Additions - ingredients / hops as recipe calls for:*

- ☐ Hops / Kettle Addition: 5 gram Godiva + 0,15 gram Lipohop K (60 min) @ time 0 min
- ☐ Hops / Kettle Addition: 8 gram Godiva (10 min) @ time 50 min
- ☐ Hops / Kettle Addition: 1 gram Irish Moss + 0.05 gram Servomyces (10 min) @ time 50 min
- ☐ Hops / Kettle Addition: 5 gram Godiva (5 min) @ time 55 min
- ☐ Hops / Kettle Addition: \_\_\_\_\_ @ time \_\_\_\_\_
- ☐ With 10 minutes left, submerge wort chiller (if using immersion chiller).

### Final Steps

- ☐ Sanitize lid of kettle.
- ☐ Flame out.
- ☐ Add any final hop additions or kettle ingredients.

### Final Steps (continued)

- ☐ Set lid on kettle, activate wort chiller.
- ☐ Begin sanitizing primary fermenter, cork, air lock, aeration stone/hose, funnel, wine thief.
- ☐ When wort is cooled to ~70F / 21C, transfer wort into fermenter.
- ☐ Aerate wort with aeration stone (or aerate by shaking, rocking, stirring)
- ☐ Take hydrometer sample, record the value.
- ☐ Pitch yeast.
- ☐ Fit with airlock or blow off tube for high gravity or dark beers.
- ☐ Move fermenter to temperature stable area protected from light.
- ☐ Clean up equipment.

Original Gravity: \_\_\_\_\_

Wort Collected: \_\_\_\_\_

### Racking – optional or as called for (usually after about 7-10 days)

- ✗ Move fermenter up to a table, let sediment settle.
- ✗ Sanitize racking cane, hose, secondary fermenter.
- ✗ Set secondary fermenter on the floor below the primary.
- ✗ Carefully rack beer into fermenter, save a sample for tasting and hydrometer sample.
- ✗ Add finings, dry hops, etc.
- ✗ Fit with airlock.

### Bottling – when fermentation is complete (2-3 weeks for Ale)

- ☐ Optional – 'cold crash' for a day or two by putting fermenter into a fridge set as low as 34F (1 C).
- ☐ Determine how many and what type of bottles to use. <http://www.brewersfriend.com/bottling-calculator>
- ☐ Make sure you have enough crowns (caps) on hand.
- ☐ Move fermenter up to a table, let sediment settle.
- ☐ Begin sanitizing bottles.
- ☐ Prepare priming sugar by dissolving in warm / boiled water and let cool.
- ☐ Sanitize racking cane, hose, bottling bucket and spoon.
- ☐ Carefully rack beer into bottling bucket, save a sample for tasting and hydrometer sample.
- ☐ Add priming sugar solution, mix without splashing.
- ☐ Siphon beer into bottles.
- ☐ Cap and mark bottles.

Final Gravity: 1.010

### Kegging – optional approach instead of bottling (easier)

- ✗ Move fermenter up to a table, let sediment settle.
- ✗ Sanitize keg.
- ✗ Rack beer straight into keg, add priming sugar or force carbonate.

### Drinking your beer!

- ☐ Wait about 2 weeks and try some, note carbonation levels, flavor profile.
- ☐ Ales are ready to go in about 4-6 weeks after bottling.