



Mystery SMaSH 6

Malt: Crisp Maris Otter

Hops: El dorado

Winners: Mathew Geltzeiler

Selected by: Mark Easton

Summary	
Best Fit Beer Style	American IPA
Final Volume	5.0 gallon
Calculated Alcohol By Volume	6.9%
Estimated Color	5.4 SRM
Estimated IBU	58.0 IBUs
Estimated Total Oils (last 20 min)	2.063 ml
Brew	
Date	2012-01-13
Grains	12.5 lb Maris Otter, Crisp (3.0 SRM)
Hops	El Dorado
Hop Additions	0.5 oz - First Wort (2012) 0.25 oz - 20 min (2012) 1.25 oz - 10 min (2012) 1.25 oz - 0 min (2012)
Water	8.00 gallon (Portland tap, double filtered)
Other Ingredients	10.00 g - Gypsum (Pre-mash) 1 - Whirlfloc Tablet (15.0 mins)
Mash Temperature	148-152 F
Boil Time	60 Minutes
Fermentation	
Yeast	Wyeast 1272 - American Ale II
Measured OG	1.067 SG
Measured FG	1.015 SG
Temperature	62-66 F (2 weeks), 70-71 F (1 week)
Carbonation	
Date	2013-02-10
Volumes	2.2
Temperature	38 F
Pressure	8 psi (after force carb for 2 days @30psi)

Hop References

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<http://www.ars.usda.gov/pandp/docs.htm?docid=11848>

http://en.wikipedia.org/wiki/List_of_hop_varieties

<http://www.freshops.com/hops/usda-named-hop-variety-descriptions>

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http://www.usahops.org/index.cfm?fuseaction=hop_info&pageID=7

http://www.usahops.org/index.cfm?fuseaction=hop_info&pageID=8

http://www.usahops.org/index.cfm?fuseaction=hop_info&pageID=9

Beer Sensory Science References

<http://beersensoryscience.wordpress.com/>

<http://morebeer.com/brewingtechniques/library/backissues/issue5.6/bickham.html>

<http://www.bjcp.org/index.php>

<http://www.siebelinstitute.com/products-a-books/sensory-training-kits>

<http://www.flavoractiv.com/drinks/beers/beer-flavour-standards/>

http://appliedsensory.com/uploads/SE_of_the_MF_of_Beer.pdf

<https://cicerone.org/content/free-study-links>

<http://en.wikipedia.org/wiki/Flavor>

<http://beeradvocate.com/beer/101/taste.php>

http://morebeer.com/themes/morewinepro/mmpdfs/mb/off_flavor.pdf

[Tasting Beer: An Insider's Guide to the World's Greatest Drink](#), Randy Mosher