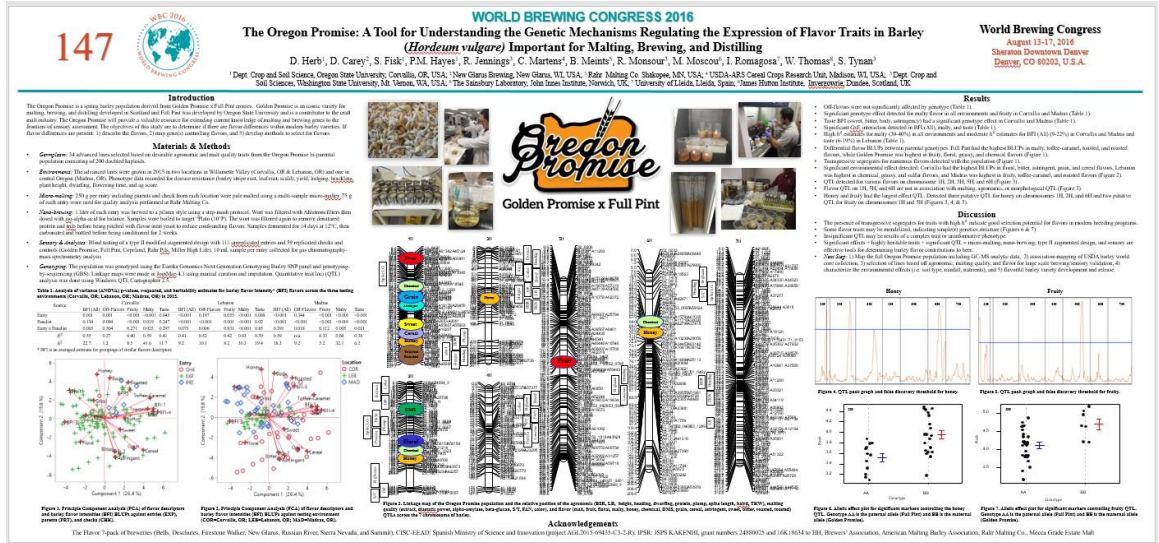


Flavor Report August, 2016

Flavor 7-pack members - three things to report on for this month:

1. Keep an eye out for Dustin and his barley contributions to beer flavor poster (#147) at the World Brewing Conference. Brought to you, by you, and Rahr Malting.



2. It's been a great summer – and now the final harvest is in the bag. The Oregon Promise plots at Madras were terrific. Data to follow - for now an image.



3. What's on tap for the next round of flavor research: July, 2016 – June, 2017

The goals:

1. Finish Chapter 1 on Oregon Promise
2. Validate micromalt and nano-brew with pilot malt and pilot brew
3. Moving flavor forward in elite germplasm
4. Higher resolution mapping of flavor genes

The funding:

1. Flavor 7-pack (Goals 1, 2, 3)
2. Brewers Association (Goal 4)
3. New donors (to complete the circle with a full-time post-doc)

The details:

Goal 1

- 2016 crop (Lebanon, Madras, OR; Mt. Vernon, WA)
- Micromalt, nano-brew, nano-brew sensory with Rahr
- Analyze, interpret, and publish – effects of years and locations on flavor
- Oregon Promise variety release decision

Goal 2

- 2016 crop (Madras) drill strips ~ 200 lbs each of the most exciting 4 Oregon Promise selections
- Pilot malt (tentatively OSU malt house)
- Pilot brew (tentatively Deschutes research brewery)
- Beer sensory (tentatively all interested Flavor 7-pack members)

Goal 3

- In the winter/facultative breeding program we have generated doubled haploids from a range of contemporary and classic barley varieties. Among the latter is Maris Otter.
- These selections are moving forward based on agronomic and malting quality performance – the next step is to get them into nano-brew and pilot brew trials.

Goal 4

- See attached Brewers Association proposal

Many thanks, cheers, and as always – your perspectives, suggestions, and visits much appreciated.