|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Beer sensory (New Glarus Brewing), Malting Quality (Cereal Crops Research Unit) and Agronomic (Oregon State University Barley Project) data on “Oregon Promise” doubled haploids derived from the cross of Full Pint x Golden Promise. 2014 crop. Data in standard font are for doubled haploids selected for agronomic type and advanced to yield trials at three locations in 2015. Data in standard font are for “*random*” samples from the full set of 202 doubled haploids.** | | | | | | | | | | | | | | | |
|  | | **Flavor** | | **Malt Quality** | | | | | | | **Agronomics** | | | | |
| **Entry** | | **Rank1** | **Sensory Description** | **TKW2 (mg)** | **Plump (6/64")** | **ME3 (%)** | **WC4 (˚L)** | **S/T (%)** | **DP (˚ASBC)** | **FAN (ppm)** | **Yield (Kg/Ha)** | **HD5 (Julian Days)** | **DG6** | **BSR7 (%)** | **LR8 (%)** |
|
| 120058 | | 1-1 | Nice Foam, Clean, Smooth - Best "American" Type | 46 | 97 | 81 | 2 | 43 | 133 | 190 | 4892 | 146 | p | 0 | 3 |
| 120145 | | 1-2 | Balanced Malty and Hoppy, Clean, Sweet | 46 | 97 | 80 | 2 | 41 | 101 | 177 | 5404 | 151 | p | 0 | 0 |
| 120166 | | 1-3 | Middle of the Road | 46 | 97 | 80 | 2 | 41 | 104 | 181 | 5516 | 153 | p | 0 | 3 |
| *120263* | | 1-3 | Middle of the Road | 35 | 90 | 77 | 2 | 38 | 135 | 201 | 2689 | 144 | d | 20 | 45 |
| 120020 | | NDC | Flour, Slight Bitter, Dry, Thin | 53 | 98 | 78 | 2 | 34 | 137 | 179 | 4601 | 142 | t | 13 | 0 |
| 120031 | | 1-1 | Full, Malty, Smooth, Rich, Nice! - Best "Euro" Type | 51 | 97 | 80 | 3 | 41 | 120 | 240 | 4241 | 142 | p | 20 | 0 |
| 120089 | | 1-4 | Darkest, Malty, Bready, Very Nice but Slight Grainy | 47 | 98 | 82 | 2 | 51 | 93 | 246 | 5237 | 146 | t | 10 | 20 |
| 120090 | | 1-2 | Best Foam, Sweet, Clean, Mild | 43 | 97 | 78 | 2 | 31 | 143 | 180 | 4414 | 140 | e | 13 | 8 |
| *120185* | | NDC | Grainy, sulfur, mild, sweet / dry | 37 | 85 | 81 | 3 | 51 | 137 | 262 | 4256 | 141 | d | 25 | 45 |
| *120283* | | NDC | Golden color, DMS, middle of the road, thin, poor foam | 32 | 72 | 78 | 3 | 47 | 93 | 242 | 3019 | 141 | e | 30 | 55 |
| *120285* | | 2-2 | Sweet, full, very clean, bread, malt | 49 | 97 | 80 | 2 | 48 | 160 | 267 | 4179 | 146 | p | 0 | 5 |
| *120314* | | NDC | Sulfur, soap, bitter, thin | 44 | 96 | 80 | 3 | 50 | 96 | 253 | 4716 | 138 | e | 25 | 8 |
| *120322* | | 2-1 | Malty, sweet / dry, morish, low color | 48 | 98 | 79 | 2 | 37 | 134 | 167 | 4982 | 138 | t | 23 | 5 |
| *120325* | | NDC | Flour, sweet, slight grainy, bread, malt | 41 | 96 | 81 | 2 | 47 | 100 | 242 | 5093 | 138 | e | 25 | 3 |
| 120329 | | NDC | Light, clean, slight sweet, neutral | 41 | 95 | 80 | 2 | 33 | 88 | 137 | 5101 | 141 | e | 5 | 8 |
| 120330 | | 2-3 | Malty, middle of the road, slight fruity | 48 | 99 | 79 | 2 | 34 | 120 | 146 | 4968 | 143 | t | 3 | 3 |
| 120331 | | 2-1 | Light, clean, malty, sulfur, Euro, juicy, nice | 43 | 98 | 80 | 2 | 31 | 104 | 135 | 4650 | 138 | e | 13 | 3 |
| *120338* | | NDC | Grainy, harsh, low color, DMS | 30 | 68 | 78 | 2 | 35 | 99 | 133 | 3707 | 145 | d | 0 | 38 |
| 120341 | | 2-2 | Sweet, full, biter after taste, malty, clean | 47 | 98 | 83 | 2 | 46 | 88 | 228 | 4620 | 145 | p | 0 | 3 |
| *120342* | | NDC | Nice foam, full, bitter, sulfur | 38 | 91 | 80 | 2 | 44 | 120 | 230 | 3825 | 139 | e | 30 | 8 |
| Golden Promise | N/A | | N/A | 37 | 88 | 80 | 2 | 35 | 83 | 128 | 4407 | 143 | e | 3 | 23 |
| Full Pint | | N/A | N/A | 49 | 98 | 81 | 3 | 47 | 146 | 220 | 5214 | 143 | p | 8 | 0 |
| 1Rank: 1st number (Sensory run), 2nd number (1=highest improvement from check; 5=lowest improvement from check), NDC (no difference from check). 2Thousand Kernel Weight. 3Malt Extract. 4Wort Color. 5Heading Date. 6Dwarfing Gene (p=Denso, e=ari-e, t=no dwarfing gene, d=double dwarf). 7Barley Stripe Rust (0=Resistance: 100=Susceptibility). 8Leaf Rust (0=Resistance: 100=Susceptibility). | | | | | | | | | | | | | | | |