

## 2022 Idaho Spring Lentil – Genesee

|                      |               | 2022 Crop Year        |                       |                    |                     |                     |                   |                    |                          |                |
|----------------------|---------------|-----------------------|-----------------------|--------------------|---------------------|---------------------|-------------------|--------------------|--------------------------|----------------|
| Variety or Selection | Market Class  | 3-Year Average (lb/A) | 2-Year Average (lb/A) | Seed Yield (lb/A)* | Test Weight (lb/bu) | 100 Seed Weight (g) | Plant Height (in) | Canopy Height (in) | Plant Height Index (0-1) | Flowering Date |
| LC14600017P          | Spanish brown |                       | 1017                  | 1539               | 62.7                | 4.0                 | 14                | 11                 | 0.77                     | 6/29           |
| Avondale             | Medium green  | 1406                  | 1037                  | 1448               | 60.5                | 4.2                 | 19                | 15                 | 0.76                     | 6/29           |
| LC09600410L          | Large green   | 1246                  | 924                   | 1359               | 59.1                | 5.9                 | 17                | 12                 | 0.73                     | 6/29           |
| LC14600016P          | Spanish brown |                       | 904                   | 1341               | 63.2                | 4.2                 | 15                | 12                 | 0.79                     | 6/29           |
| Morena               | Spanish brown |                       |                       | 1309               | 63.7                | 3.5                 | 14                | 12                 | 0.87                     | 6/29           |
| LC11600298L          | Large green   | 1234                  | 898                   | 1290               | 59.3                | 6.0                 | 16                | 14                 | 0.85                     | 6/29           |
| LC14600088R          | Medium green  | 1232                  | 929                   | 1271               | 60.5                | 4.5                 | 18                | 12                 | 0.68                     | 7/1            |
| Pardina              | Spanish brown | 1044                  | 773                   | 1226               | 63.7                | 3.4                 | 14                | 10                 | 0.73                     | 6/29           |
| LC14600027P          | Spanish brown | 1186                  | 799                   | 1139               | 61.9                | 3.9                 | 15                | 12                 | 0.83                     | 6/30           |
| LC08600113P          | Spanish brown | 1136                  | 740                   | 1075               | 62.9                | 4.0                 | 14                | 9                  | 0.65                     | 6/30           |
| LC11600370R          | Medium green  | 1034                  | 765                   | 1040               | 60.6 <sup>^</sup>   | 4.4                 | 16                | 13                 | 0.78                     | 6/29           |
| Brewer               | Large green   |                       |                       | 857                | 59.9 <sup>^</sup>   | 5.0                 | 17                | 11                 | 0.69                     | 6/28           |
| Merrit               | Large green   | 858                   | 588                   | 839                | 59.5 <sup>^</sup>   | 5.7                 | 16                | 12                 | 0.74                     | 6/29           |
| <b>Average</b>       |               | <b>1152</b>           | <b>852</b>            | <b>1210</b>        | <b>61.7</b>         | <b>4.5</b>          | <b>16</b>         | <b>12</b>          | <b>0.76</b>              | 6/29           |
| <b>LSD (0.05)</b>    |               | <b>125</b>            | <b>144</b>            | <b>265</b>         | <b>0.9</b>          | <b>0.2</b>          | <b>2</b>          | <b>2</b>           | <b>0.12</b>              | <b>ns</b>      |
| <b>CV (%)</b>        |               | <b>13.3</b>           | <b>16.8</b>           | <b>15.2</b>        | <b>0.8</b>          | <b>3.3</b>          | <b>9.7</b>        | <b>12.2</b>        | <b>11.5</b>              | <b>27.8</b>    |

\*Variety or selection yields in bold were statistically equal to the top yielding variety.

\*\*3-year averages were calculated using data from 2019, 2021 and 2022. There was not a spring lentil trial in Genesee in 2020.

<sup>^</sup>Only 1 or 2 replications had sufficient seed to quantify test weight.