

2011 Tame Buckwheat Variety Trial at Hettinger

| Variety                     | Days to Bloom | Test Weight<br>lbs/bu | Seed Yield |      |      | Average Yield |      |
|-----------------------------|---------------|-----------------------|------------|------|------|---------------|------|
|                             |               |                       | 2008       | 2010 | 2011 | 2 yr          | 3 yr |
| ----- Pounds per acre ----- |               |                       |            |      |      |               |      |
| Manor                       | 40            | 35.2                  | 762        | 1917 | 1317 | 1617          | 1332 |
| Koma                        | 42            | 36.2                  | 765        | 1688 | 1453 | 1570          | 1302 |
| Koto                        | 41            | 36.6                  |            | 1385 | 1178 | 1282          |      |
| Trial Mean                  | 41            | 36.0                  | 726        | 1663 | 1316 | --            | --   |
| C.V. %                      | 1.6           | 4.6                   | 15.3       | 6.6  | 5.4  | --            | --   |
| LSD 5%                      | NS            | NS                    | NS         | 191  | 124  | --            | --   |
| LSD 1%                      | NS            | NS                    | NS         | 289  | 187  | --            | --   |

\* Days after planting.

NS = no statistical difference between varieties.

Planting Date: May 26

Harvest Date: September 12

Seeding Rate: 700,000 live seeds/A

Previous Crop: 2007 = HRSW, 2009 = oat, 2010 = barley.

Note: The 2008 trial sustained late season heat and moisture stress.