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AGRONOMY, HORTICULTURE, & PLANT SCIENCE DEPARTMENT

2020 South Dakota Proso Millet Variety Trial Results Sturgis

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Location: West River Research Farm, Sturgis, SD
Soil Type: Nunn Silt Loam
Fertilizer: 80 lbs N - 28%UAN
Previous crop: Winter Wheat
Tillage: No-till
Row spacing: 10"
Date seeded: 10/25/2020
Date harvested: 9/17/2020

Table 1. 2020 proso millet variety performance trial results (average of 4 replications) at Sturgis, SD§.

Variety Name	Yield (lbs/ac)
Earlybird	858
Horizon	1082
Huntsman	1237
Plateau	930
Sunrise	861
Trial Average	994
LSD (0.05)†	296
C.V. %‡	17

† Value required (\geq LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is desirable.