Quick Draw Orchardgrass was selected for its quick regrowth, superior yields, disease resistance, and palatability. It has shown higher levels of water soluble carbohydrates than other orchardgrasses. This makes Quick Draw much more palatable and drought tolerant. These traits also enable it to survive some of the harshest summers. It is well-adapted to the Midwest, Northwest, and Northeast. Quick Draw performs well in mixes with other forage species and is an excellent choice for all forage uses.

**ECONOMIC VALUE**

**HIGHER YIELDS—MORE PROFIT**
Quick Draw delivers higher yields by up to 16% over varieties like Tucker in a 3 year trial.

**PROFIT**
13.27 tons/acre of Quick Draw with MV* of hay at $150: $1990.50
11.17 tons/acre of Tucker with MV* of hay at $150/ton: $1675.50

*MV = Market Value

Profit of $315 more per acre over three years!

**PLANTING GUIDE**

**SEEDING RATE ALONE/ ACRE** 15–20 lbs
**SEEDING RATE IN MIX/ ACRE** 5–8 lbs
**SEEDING DEPTH** 1/4–1/2in
**DAYS TO GERMINATE** 10–21
**AVERAGE SEEDS PER LB** 570,000
**EASE OF ESTABLISHMENT** Excellent
**LIFE CYCLE** Perennial

**AGRONOMIC TRAITS**

**FORAGE YIELD** Excellent
**FORAGE QUALITY** Excellent
**MATURITY** Medium
**PERSISTENCE** Excellent
**PALATABILITY** Excellent (HSG)
**GROWTH HABIT** Bunch
**DROUGHT TOLERANCE** Good
**MOISTURE TOLERANCE** Good
**HAY** Excellent
**SILAGE** Excellent
**PASTURE** Excellent
**GROWTH** Spring–Fall

*HSG= High Sugar Grass

**Penn State University**
Rock Springs, PA 2000
Dry Matter Yield, Cool Season
Tons Per Acre, 3 Year Total

<table>
<thead>
<tr>
<th>Variety</th>
<th>3 Year Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Draw</td>
<td>13.27</td>
</tr>
<tr>
<td>Pennlate</td>
<td>12.4</td>
</tr>
<tr>
<td>Harvestar</td>
<td>11.76</td>
</tr>
<tr>
<td>Ambrosia</td>
<td>11.75</td>
</tr>
<tr>
<td>Tucker</td>
<td>11.17</td>
</tr>
</tbody>
</table>
USES

PASTURE:
Quick Draw orchardgrass was selected for its quick regrowth, superior yields, disease resistance and high levels of water soluble carbohydrates (available sugar). These traits enable it to survive some of the harshest summers while providing excellent forage, and also make Quick Draw widely adapted throughout the transition zone and northern United States. It performs well in mixes an is an excellent choice for all forage applications.

HAY AND SILAGE:
Quick Draw provides improved yields of high-quality forage when properly managed. Yields of up to 7 tons dry matter/acre are possible with a high level of management and with irrigation or on sub irrigated soils. Higher elevation areas have a short growing season, and yields of up to 5 tons of dry matter per acre are more typical.

MANURE BUSTER:
Quick Draw grows rapidly under high fertility, and its extensive root system makes it valuable in nutrient recycling. It can absorb up to 300 lb nitrogen per acre per year when grown on soils with adequate water supplies and drainage. Quick Draw is highly valued for its ability to produce high-quality forage while protecting groundwater from nitrate contamination.

SUITABLE FOR

- DAIRY AND BEEF CATTLE
- SHEEP AND GOATS
- HORSES
- PASTURE
- HAY
- SILAGE

• Superior yield
• Improved crown rust resistance
• Highly palatable
• Excellent drought tolerance
• Rapid regrowth
• Medium maturity
• High Sugar Grass (HSG)

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