DLF

# Endurance

## Orchardgrass

SEEDS & SCIENCE

## Description

Endurance is a true dual purpose orchard- grass, it excels at both grazing and harvested forage production. Persistence The germplasm used to develop Endurance was first selected for low cutting height. Plants were maintained at a 1.25 inch mowing height for three years. Survivors were then placed in a nursery and allowed to inter-pollinate. Seed was then sent to Dr. Joe Bouton of the University of Georgia. After three years of intense grazing pressure, survivors were selected and sent to Oregon. This became the base population for Endurance. The improved grazing tolerance has been demonstrated at university grazing trials in Georgia, Kentucky and Pennsylvania. In addition to persistence under grazing, Endurance endures wide temperature extremes, from the winter cold of Canada, to the heat of the south. Endurance is registered in Canada. Disease resistance is above average.

## Key Features

- Dual purpose orchardgrass
- Improved grazing tolerance
- Endures wide temperature extremes
- Above average disease resistance
- Medium maturity
- Broad range of adaptability

## Ratings

Scale 1-9, where 9 = best or most pronounced

## Additional Specs

### General Characteristics

| | |
|---|---|
| **Livestock** | Alpaca/Llama , Cattle , Goats , Horses , Sheep |
| **Usage** | Hay , Silage , Pasture |
| **Ploidy** | Tetraploid |
| **Segment** | Forage |
| **Species** | Orchardgrass |
| **Sci. Name** | Dactylis glomerata |

### Plant Characteristics

| | |
|---|---|
| **Head Length** | Medium to Long |
| **Lemma Awns** | Awned |
| **Lemma Keel Pubescence** | Glabrous |
| **Lemma Pubescence** | Glabrous |
| **Leaf Color** | Medium Green |
| **Leaf Length** | Medium |

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| **Leaf Color** | Medium Green |
| **Leaf Length** | Medium |
| **Leaf Width** | Narrow to Medium |
| **Leaf Pubescence** | Glabrous |
| **Emergence (Days)** | 18 |
| **Growth Habit** | Erect to Intermediate |
| **Plant Height** | Medium |
| **Maturity** | Medium |
| **Winter Hardiness** | 9 |

## Seed Characteristics

| | |
|---|---|
| **Seed Weight** | 2.2g/1000 Seeds |

## Seeding Information

| | |
|---|---|
| **Approx. Seeds/Lb.** | 416000 |
| **Approx. Seeds/Kg.** | 915000 |
| **Seeding Rate - Alone/New (Kg./Hectare)** | 17-28 |
| **Seeding Rate - Alone/New (Lbs./Acre)** | 15-25 |
| **Planting Times** | Spring, Late Summer-Early Fall |
| **Seeding Rate - Mixes (Kg./Hectare)** | 4-11 |
| **Seeding Rate - Mixes (Lbs./Acre)** | 3-10 |


| | |
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