

Firkin

Lolium multiflorum



Firkin is a tetraploid, true Italian ryegrass variety: it has a high vernalization requirement, there is no heading in the year of seeding.

- **Rapid Establishment**
- **High DM Yield – Out Yields Annual Ryegrass and Cereals**
- **Excellent Disease Resistance**
- **Tetraploid – High Forage Quality**
- **More Root Mass than Cereals**

Firkin has excellent winter hardiness, (MSU trial 2014/2015) providing a large forage crop in early spring following the sowing year.

Usage

- **Short Term Forage, for Silage or Grazing**
- **Overseeding Pastures, Interseeding Alfalfa**
- **Green Manure/Plow Down Crop, No Heading in Year of Seeding**
- **Suitable for Planting as Companion Crop or Open Field Seeding**



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Forage Quality

Italian ryegrass is known for its high feed quality. Tetraploids in general have a higher feed quality than diploids, due to lower cell wall density and higher sugar content. This makes Firkin also highly palatable and provides maximum milk/ton (or weight gain/ton) and per acre.

**MORE
MILK
WITH DLF**



Michigan State University Annual Grass Variety Trial Yields (DM Tons/Acre)

Michigan State University Agronomy Farm, East Lansing, Michigan. Seeded July 11, 2014

| | | First Cutting Maturity | 2014 DM Yield T/A | | | | 2015 | | DM Yield T/A | Total DM Yield T/A |
|---------------|-------------------------|---------------------------|-------------------|-------------|-------------|-------------|-----------------------|-------------------|--------------|-----------------------|
| Entry | Species | | Cut 1 | Cut 2 | Cut 3 | 2014 | % Survival | Maturity | Cut 1 | |
| | | | Aug 26 | Oct 1 | Nov 10 | Total | May 2015 | May 14, 2015 | May 14, 2015 | |
| Firkin | Italian Ryegrass | Vegetative | 1.00 | 1.60 | 0.56 | 3.15 | 70 | Vegetative | 0.42 | 3.57 |
| Fox | Italian Ryegrass | Vegetative | 0.88 | 1.50 | 0.59 | 2.97 | 70 | Vegetative | 0.36 | 3.33 |
| Big Bang | Annual Ryegrass | Heads (Pollen) | 1.09 | 1.22 | 0.52 | 2.82 | 30 | Vegetative | 0.20 | 3.02 |
| Fria | Annual Ryegrass | Heads (Pollen) | 0.98 | 1.20 | 0.53 | 2.70 | 30 | Vegetative | 0.16 | 2.86 |
| CW 0604 | Teffgrass | > 20% Headed | 1.65 | 0.59 | - | 2.24 | NA | | 0 | 2.24 |
| HiOctane | Triticale | Vegetative | 0.67 | 0.95 | 0.54 | 2.15 | 60 | Vegetative | 0.91 | 3.06 |
| Frankenmuth | Winter Wheat | Vegetative | 0.80 | 0.65 | 0.39 | 1.84 | 50 | Vegetative | 0.75 | 2.59 |
| Wheeler | Winter Rye | Vegetative | 0.90 | 0.42 | 0.38 | 1.70 | 70 | Vegetative | 1.06 | 2.76 |
| Seten | Oats | > 20% Headed | 1.31 | - | - | 1.37 | NA | | 0 | 1.37 |
| Mean | | | 1.03 | 1.02 | 0.50 | 2.32 | [7 Surviving Entries] | | 0.55 | |
| LSD @ 5% | | | 0.17 | 0.19 | 0.11 | 0.29 | | | 0.20 | |
| CV% | | | 11.1 | 12.5 | 13.7 | 8.5 | | | 24.10 | |

Firkin was entered in various trials under experimental code DLFPS-LMT 15

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