

Striker

Lolium multiflorum var. *westerwoldicum*



Striker is an improved medium-late maturity Tetraploid annual ryegrass. It was selected from several proven commercial varieties with a focus on high forage yield balanced with high seed yield. In addition it has excellent crown rust resistance and some resistance to Helminthosporium leaf spot disease and gray leaf spot disease. Striker shows moderate cold tolerance. The variety was developed by the University of Florida.

Striker has been entered in numerous university yield trials. It has demonstrated excellent DM yield, showing balanced performance across the growing season. One of the strengths of Striker is its increased yield late in the season, when early peaking varieties are in decline. An additional benefit of the later maturing Striker, is that the high forage quality window is extended. This allows additional animal performance, when Striker is used. In trials, it has demonstrated fast seedling establishment.

Producers will want to request Striker when reliable high quality and high yield forage production is needed for their beef or dairy operation. When overseeded into winter pastures, it will not transition out too quickly, allowing a better transition from the cool season into the warm season.

Striker has proven itself as a stand-alone variety, overseeded into an existing stand, or as a component of a high performance pasture mix.

Striker excels as a relay crop with corn production. It establishes quickly when seeded into the standing crop, and then grows slowly under the corn canopy. Once released by the corn harvest, Striker explodes with growth.

Striker is a powerful multiple purpose annual ryegrass!



RYEGRASS TYPE
Westerwold

PLOIDY
Diploid (4N)

GROWTH HABIT
Annual Bunch

ESTAB. RATE
5-7 days

NITROGEN REQ.
High >100 lbs/ac

ANEROBIC SOIL TOL.
Excellent

pH RANGE
5-8

MINIMUM RAINFALL
>25 inches

DRY MATTER YIELD
3-6 tons

REGROWTH
Excellent

PRIMARY UTILIZATION
Grazing, Silage, Winter
Overseeding and
Relay cover crop

VEG REPRO TIL RATE
High

ENDOPHYTE
No

SEEDING RATE
35-40 lbs/ac pure
stand

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2007 Noble Foundation Yield Trial

Ardmore, Oklahoma. DM yield in lbs./ac

| Variety | Harvest Dates | | | | Total 2007 |
|----------------|---------------|-------------|------------|-------------|---------------|
| | 2/23/2007 | 3/26/2007 | 4/9/2007 | 5/14/2007 | |
| Striker | 1056 | 1064 | 923 | 3896 | 6939 |
| Big Boss | 877 | 1112 | 796 | 3940 | 6726 |
| DH-3 | 1347 | 1187 | 635 | 3530 | 6726 |
| Diamond T | 1115 | 929 | 898 | 3577 | 6519 |
| Ed | 1518 | 1223 | 851 | 3496 | 7052 |
| Gulf | 1500 | 1146 | 495 | 3571 | 6712 |
| Jackson | 895 | 1351 | 862 | 3643 | 6750 |
| Jumbo | 869 | 1023 | 855 | 3814 | 6562 |
| King | 1291 | 1646 | 651 | 3585 | 7175 |
| Marshall | 1377 | 1268 | 844 | 4306 | 7795 |
| Passeral Plus | 1259 | 852 | 1026 | 3751 | 6886 |
| Tam 90 | 1464 | 1077 | 717 | 3536 | 6794 |
| LSD | 458 | 387 | 264 | 620 | 967 |

**Numbers in red are not statistically different from the highest yielding entry within a column*

2005-2007 Mississippi State University Yield Trials

Starkville MS Planted 2004, 2005 and 2006. DM yield in lbs/acre.

| Variety | Total 2005 | % of Mean | Harvest Dates | | | | Total 2006 | % of Mean | Total 2007 | % of Mean |
|-----------------|---------------|--------------|---------------|-------------|-------------|-------------|---------------|--------------|---------------|--------------|
| | | | 3/1/06 | 3/29/06 | 4/24/06 | 5/22/06 | | | | |
| Striker | 9242 | 107% | 314 | 3526 | 1728 | 2738 | 8306 | 104% | 7702 | 108% |
| Big Boss | NA | NA | 349 | 3180 | 1782 | 2822 | 8133 | 102% | 7259 | 102% |
| Bulldog Grazier | NA | NA | 315 | 3438 | 1573 | 1696 | 7023 | 88% | 6942 | 97% |
| DH-3 | NA | NA | 416 | 2979 | 1973 | 2911 | 8280 | 103% | 7102 | 100% |
| Jackson | 9306 | 108% | 340 | 3487 | 1305 | 2755 | 7887 | 98% | 7331 | 103% |
| King | 8424 | 98% | 455 | 3522 | 1393 | 2825 | 8196 | 102% | 7083 | 99% |
| Marshall | 9046 | 105% | 327 | 3099 | 1710 | 2793 | 7929 | 99% | 7050 | 99% |
| Stockaid | NA | NA | 280 | 3109 | 1236 | 2392 | 7018 | 88% | NA | NA |
| Mean | 8630 | 100% | 326 | 3327 | 1624 | 2734 | 8012 | 100% | 7127 | 100% |