

# UPSTART

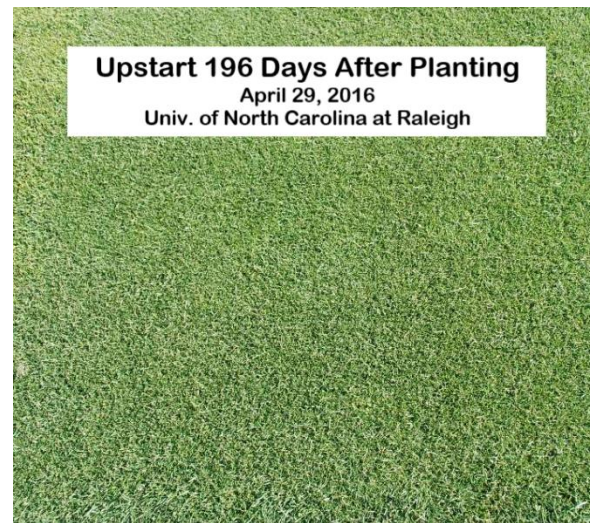
## TURF-TYPE ANNUAL RYEGRASS

### VARIETY SUMMARY

Upstart is a variety developed in the United States with fast establishment, dwarf growth, dense tillers, and fibrous roots. Ideal for turf usage, Upstart provides excellent playable surfaces for golf, soccer and many other sports. Unlike traditional annual ryegrasses, Upstart's growth manifests itself by rapidly covering the ground rather than growing in height. Additionally, it has a magnificent deep and wide root system. Upstart has very good cold tolerance and disease resistance.

### IDEAL FOR SPORTS FIELD RESEEDING

In regions with a marked transition zone, athletic field managers and golf course superintendents who overseed the prevailing warm climate species with a temperate species during the winter months, Upstart provides an attractive rich green, playable surface while the prevailing warm climate species remains dormant. As an annual ryegrass, Upstart germinates and establishes rapidly. However, unlike most annual ryegrasses, Upstart is very finely leaved with superior density under close cut. Upstart provides a turf surface where the ball rolls easily and protects athletes who depend on solid footing.



### EXCELLENT GROUND COVERING

Upstart provides benefits above and below ground. In addition to tight-knit leaves, Upstart has an extensive fibrous root system. These combined features minimize evaporation, reduce erosion and resist weeds. After its rapid establishment, Upstart's low growth reduces mowings, water use, and the use of plant growth regulators, generating better sustainability and increased monetary savings.

	Leaf Spot (1-9; 9=No Disease)	Color (1-9; 9=Very Dark Green)	Turf quality (1-9; 9=Ideal Turf)
<b>Upstart</b>	<b>7.0</b>	<b>7.0</b>	<b>5.8</b>
Highest entry	7.0	8.0	7.5
Lowest entry	3.0	1.0	1.2
LSD 0.05	1.3	1.6	0.6

Trial run in Albany, OR with annual and intermediate ryegrass varieties. Sown in September 2014. 2" mowing height. Total entries: 20

**Recommendation:** Overseeding Bermudagrass and other dormant warm season grasses

**Usage:** Golf courses, athletic fields, lawns

**Seeding rate:** 1 kg per 15-20 m<sup>2</sup>

**Color:** Attractive bright green

**Remarkable characteristics:** Fast establishment, ground cover, turf quality