



TECHNICAL DATA SHEET

ARROW SEED CO., INC.

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TUFF 'N' NUFF II Mixture

A mixture of short growing cool and warm season grasses. This hardy low maintenance mixture will require little or no mowing depending on the site requirements. Well suited for industrial sites and large-low maintenance utility turf sites. Tuff 'N' Nuff is extremely drought tolerant and has very low fertilizer requirements. Sheep fescue greens up early, the warm season grasses dominate through summer, and then Sheep fescue finishes well in the fall.

Approximate Mixture by Pure Live Seed Count:

48% Sheep Fescue	20% Blue grama
27% Annual ryegrass	5% Cody Buffalograss

Characteristics & Use:

- Extended 'green' season compared to buffalograss turf areas.
- Ultra low maintenance.
- Excellent disease and insect resistance.
- Exceptional drought tolerance.
- Adapted to coarse and fine texture soils alike.
- Tolerates full sun and moderate shade.
- Good traffic and wear tolerance once mature.

Germination and Seeding Rates:

- Seed in mid to late spring.
- Annual rye germinates quick for erosion control, then dies out after 1st year.
- Quatro Sheep Fescue germinates in 7 to 14 days.
- Buffalograss and Blue grama germinates in 7 to 21 days.
- Seeding rate: 1 to 2 lbs. /1,000 sq. ft. or 50 to 80 lb. /acre (1 lb/1,000sq. ft. will provide approx. 250 pure live seeds per sq. ft.)
- For best germination results, seeding should be done when soil temperatures are at least 50 degrees Fahrenheit. As with all newly seeded areas, good seed and soil contact, as well as adequate moisture, is required for successful germination and establishment.

Cultural Practices After Establishment:

- Mowing: Ranges from none for a natural look, to every other week for manicured look.
- Fertilization: 0 to 2 lbs. /N per year.
- Irrigation: Irrigation at establishment may speed germination and enhance establishment. Once turf is established no irrigation is required.
- Weed Control: Pendimethalin for annual grassy weeds in spring, and 2,4-D for dicot weed control in the late fall.