

Table 4. Results from fine leaf fescue trials at Wichita, 1973 to 1978.

| Cultivar | Visual Quality* | | | | | | Avg. |
|---------------------|-----------------|------|------|------|------|------|------|
| | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | |
| Wichita | | | | | | | |
| Golfroodb | 6.7 | 5.2 | 4.8 | 6.0 | 5.5 | 4.5 | 5.5 |
| Raineerb | 5.9 | 4.7 | 3.7 | 4.7 | 4.5 | 4.5 | 4.7 |
| Dawson ^a | 5.4 | 4.1 | 5.0 | 4.0 | 4.0 | 4.5 | 4.5 |

* Visual quality: 9 = ideal, 6 = acceptable, 1 = no live turf

^a Creeping red fescue—Very short rhizomes provide slight creeping.

^b Chewings fescue—A bunch type.

Table 5. Visual quality of fine leaf fescues valuated at Manhattan, 1977 to 1980.

| Cultivar | Visual quality* | | |
|--------------------------|-----------------|------|------------|
| | 1979 | 1980 | 4-yr. Avg. |
| Polar ^b | 6.1 | 6.6 | 6.0 |
| Koket ^b | 5.3 | 5.4 | 5.5 |
| Jamestown ^b | 5.5 | 4.7 | 5.4 |
| Waldorf ^b | 5.0 | 5.4 | 5.2 |
| Scarlet ^b | 5.3 | 5.1 | 5.1 |
| Atlanta ^b | 5.8 | 5.5 | 5.1 |
| Dawson ^b | 5.1 | 5.3 | 5.1 |
| Wintergreen ^b | 5.2 | 5.1 | 5.0 |
| Reptans ^a | 4.9 | 5.3 | 5.0 |
| Ruby ^a | 5.5 | 5.4 | 5.0 |
| Scaldis ^c | 5.0 | 5.7 | 4.8 |
| Highlight ^b | 4.8 | 4.0 | 4.8 |
| Boreala ^a | 4.5 | 4.7 | 4.8 |
| Engina ^b | 4.4 | 4.6 | 4.4 |
| Centurion ^b | 2.6 | 4.0 | 2.7 |

* Visual quality: 9 = ideal, 6 = acceptable, 1 = no live turf

^a Creeping red fescue

^b Chewings fescue

^c Hard fescue

CONCLUSIONS

Tall fescues grew well at both Wichita and Manhattan but with substantial differences among cultivars. Several recently released cultivars (Rebel, Falcon, Clemfine, and Belt Syn 16-1) have performed as well as or better than Kentucky 31.

Fine-leaf fescues do not produce a high quality turf in Kansas. When used for shaded, droughty sites, Illahee, Raineer, Pennlawn, and Polar should be considered.

Agricultural Experiment Station
Kansas State University
Manhattan 66506



Keeping Up With Research 50 July 1981
Publications and public meetings by the Kansas Agricultural Experiment Station are available and open to the public regardless of race, color, national origin, sex, or religion. 7-81-4M