

SUNFLOWER HYBRID PROFILE

SUN KING 4505

Product Type: **Traditional Oil**

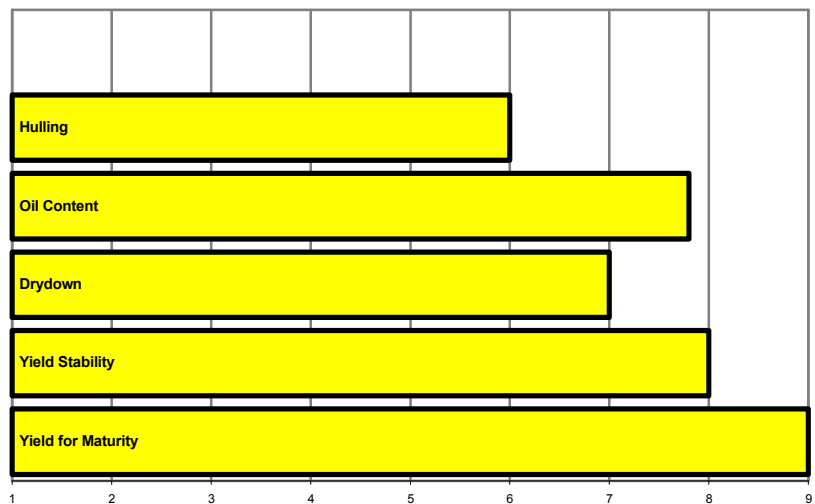
Main Characteristics and Adaptation

- Yield leader!
- Medium to M. late as maturity
- Very well adapted to all sunflower areas of South Dakota and High Plains
- Very strong root and stalk gives an excellent standability
- Strong neck
- Very good disease package and reaction to midge
- Does very well in dry conditions, as well as under irrigation
- Planting seed: most sizes 3
- Optimum population: 21,000 – 23,000 plants / ac.

Disease and Insect Reaction (* 1=v. bad; 9=excellent)

Downy-mildew	6
Sclerotinia	6
Phomopsis	7.5
Phoma	7.5
Verticilium	7
Rust	6
Midge	8

Grain Yield and Quality



Physiological and Morphological Traits (* 1=v. bad; 9=excellent)

Maturity	Medium to M. Late
Days to flowering	70
Days to physiological maturity	98
Plant height	65 – 75 inches
Standability	8.5*
Neck strength	7.5*
Self compatibility	9*

Quality Traits

Oil %	45-47
Test weight	Excellent
Hulling characteristics	Under average