

ESO Field Peas



- Seed Color: Yellow.
- Yield Potential: Very high, stable from season to season.
- Disease Resistance: Strong Ascochyta resistance. Responsive to mid-flowering fungicides for plant canopy retention and/or occasional season-dependent mildew infections.
- Cold Tolerance: Proven resilience to seeding into cold, wet soils in December and January in southern U.S. Very tolerant of freezing conditions in early vegetative growth. Indeterminate growth habits compensate for late spring freezes.
- Markets: Suitable for human consumption and animal feed. Developed from a breeding program that selects for low Trypsin Inhibitor levels. ESO is an excellent protein source for both mono-gastric and ruminant animals.
- Standability: Closely knitted tendrils, good resistance to lodging. Heavy haulm crops susceptible to pre-harvest lodging in overly wet seasons.

Location	Avg. Plot Yield (bu/a)	Avg. ESO Yield (bu/a)	ESO advantage
NDSU (Carrington, Langdon, Williston Research Extension Center-ND)	49.15	53.38	+8.6%
UGA (Plains-GA)	29.85	32.42	+7.9%
On Farm (Dillon-SC)	55.26	40.80	-26.2%***
Central Crops Research Station (Clayton-NC)	22.37	22.70	+1.5%
Upper Coastal Plain Research Station (Rocky Mount-NC)	25.17	25.70	+2.1%

***Entire plot area exhibited excessive vegetative growth prior to pod fill followed by above average rainfall at crop maturity resulting in severe lodging and combine header losses.