

FORAGE PEAS

MORGAN

OVERVIEW

MORGAN field pea is a purple flowered, tall semi-leafless variety of field pea specifically selected for its high seed yield, early upright growth habit, competitive bulky growth and potential forage production and green manureing. It is a high performer throughout the southern NSW grain belt.

DESCRIPTION

- Purple flowered, semi leafless.
- Tall indeterminate growth habit, vines 1.-1.5m in length
- Flowers approximately 10 – 14 days later than Dundale
- Seed dimpled and dun/light green in colour, 15 – 20% smaller than Dundale, yellow cotyledons, seed coat lightly flecked. Averages 5500 seeds per kg
- Early growth similar to Dundale, but from early flowering onwards, grows more erect, more vigorous and produces significantly more dry matter.
- Lodges towards maturity, but a bulky canopy assists lifting during harvest

BREEDING & DEVELOPMENT

MORGAN (PSE23) was selected and developed by Dr Eric Armstrong, NSW Agriculture. It originates from a cross between Dun, PS386 and Viktoria Dipp Gelba

Disease resistance

MORGAN has similar tolerance to ascochyta and septoria as Dundale and Alma, but is susceptible to powdery mildew. It shows good resistance to downy mildew.

- High seed yield
- Widely adapted across all growing regions
- Flowers approximately 10-14 days later than Dundale.
- A high performer



AGRONOMIC PERFORMANCE

MORGAN is widely adapted across all growing regions of southern NSW, yielding 10- 15% more dry matter and 5-7% more grain than other current commercial varieties. MORGAN forms a dense canopy of foliage due to its vigorous growth and clinging tendrils making it one of the most competitive pea varieties against weeds and also making it easier to lift at harvest. MORGAN's smaller seeds size compared to Dundale reduces cost of sowing by 15%. Its low or nil hard seed content compared to other dun varieties means germination and establishment are often high, and the problem of self sown plants in subsequent crops is minimized.