

Cates **GRAIN & SEED** 
The name that keeps cropping up

ARAGORN

FIELD PEAS

ARAGORN: A new high quality green-seeded, semi-leafless field pea bred BY plant
Research Ltd
for international release

Key attributes:

Stronger bleach resistance
High quality green cotyledon
Enhanced yield capability

Yield

104% of Crusader Peas over three years of trials in Canterbury

Characteristics:

ARAGORN is a spring-sown variety that produces a semi-leafless crop of medium-tall height and matures mid-season.

ARAGORN matures around 2-3 days earlier than CRUSADER. ARAGORN was bred by Plant Research Ltd and is being utilized extensively in North America.

Flowering normally commences at nodes 16-17.

Flowers are white and normally 2 flowers are produced at each node.

Seed is smooth round and green with a dark green cotyledon. Seed size is around 220g/1000 seeds. Bleach resistance is superior to CRUSADER.

Disease resistance

Resistant to Fusarium wilt Race 1

Resistant to Pea Seed Borne Mosaic virus

Management:

General agronomic practices should be similar to those applied to other field pea varieties.

Choose your paddock carefully giving consideration to soil structure and previous cropping history. A minimum of four years between pea crops is recommended. Check your paddock's aphanomyces root rot status and avoid paddocks with an unsafe Disease Severity Index.

Spray for aphids early if numbers are starting to build up. **ARAGORN**, like most other varieties is susceptible to a range of aphid transmitted viral diseases such as alfalfa and cucumber mosaic viruses. Early intervention is critical to avoid yield loss.

ARAGORN is best sown from early September. The recommended sowing rate will depend on the grain size planted. Aim for a target population of 80 plants/m²

Herbicides:

ARAGORN has been tested with a range of commercially available and recommended herbicides. Check with your agent for the best possible advice.

ARAGORN will respond to irrigation, but careful monitoring of soil moisture levels is recommended to avoid excessive irrigation.

Lodging resistance:

ARAGORN's lodging resistance is rated as moderate. The crop will generally stand for the majority of the season until late pod fill when some lodging may be seen. Early planting and good foliar disease control will aid Aragon's standing ability.

Marketing and Utilisation:

The Seed Licencee for **ARAGORN** in New Zealand is Cates Grain & Seed Ltd.

ARAGORN is targeted at domestic and export food markets

Further information on seed availability should be directed to

Mr Martin Reid

Cates Grain & Seed Ltd

Ph: 03 308 7166

Email: martin@cates.co.nz

