

Fire up your pea profits in your rotation



KWS FLAM

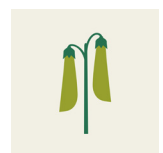
Spring Yellow (White) Pea

- Excellent yield potential
- Good disease package
- Excellent standing through to harvest

A new addition to the 2024 PGRO Descriptive List, KWS Flam is a high yielding yellow pea tat will have good potential for both the animal feed and human consumption markets.

KWS Flam offers growers easy crop management boasting an excellent yield (107%) combined with all the characters for a safe harvest such as earlier maturity (6) and standing ability through to harvest (7).

Throughout the growing season, KWS Flam has a good disease package including resistance to pea wilt along with solid scores for downy mildew



(5). As with most commercialised yellow peas on the market, KWS Flam is susceptible to powdery mildew.

Agronomically it is a strong contender with a good all-round disease resistance, having stiff straw and good standability through to harvest.

Good thousand seed weight (254g) and protein content (21.5%) rounds off this impressive package.



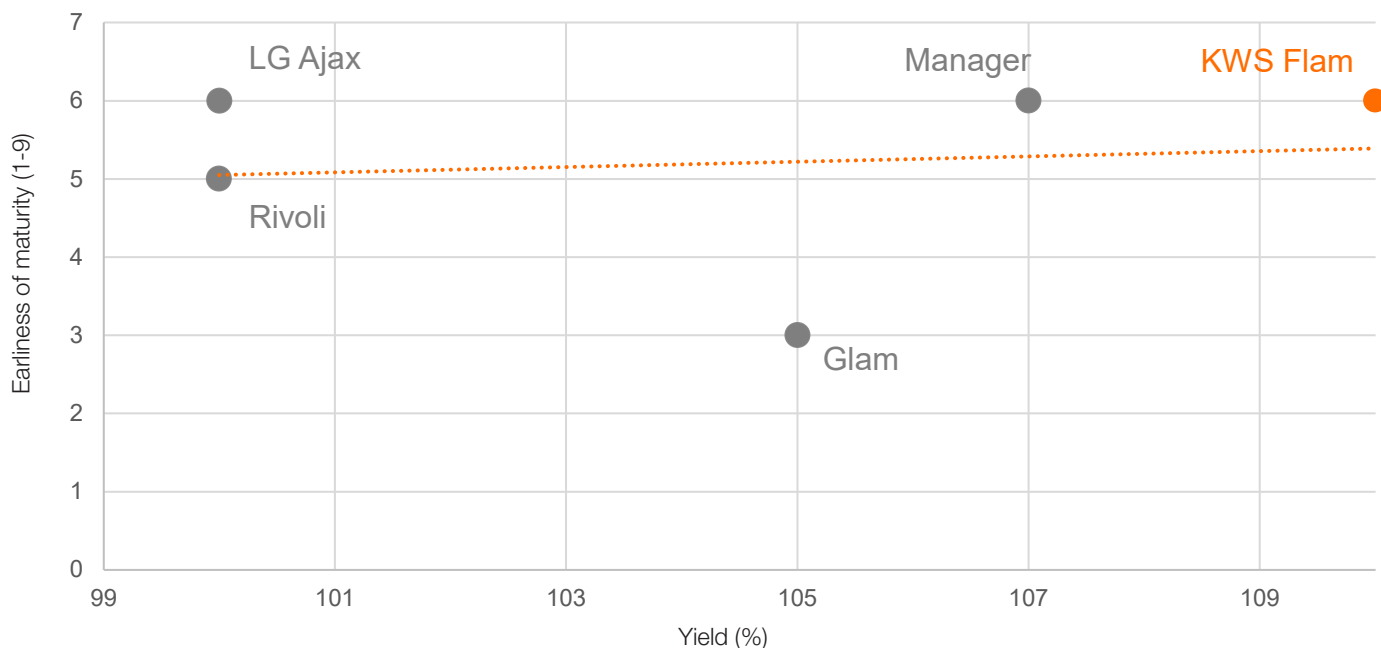
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All data taken from **PGRO Descriptive List 2024** unless otherwise stated

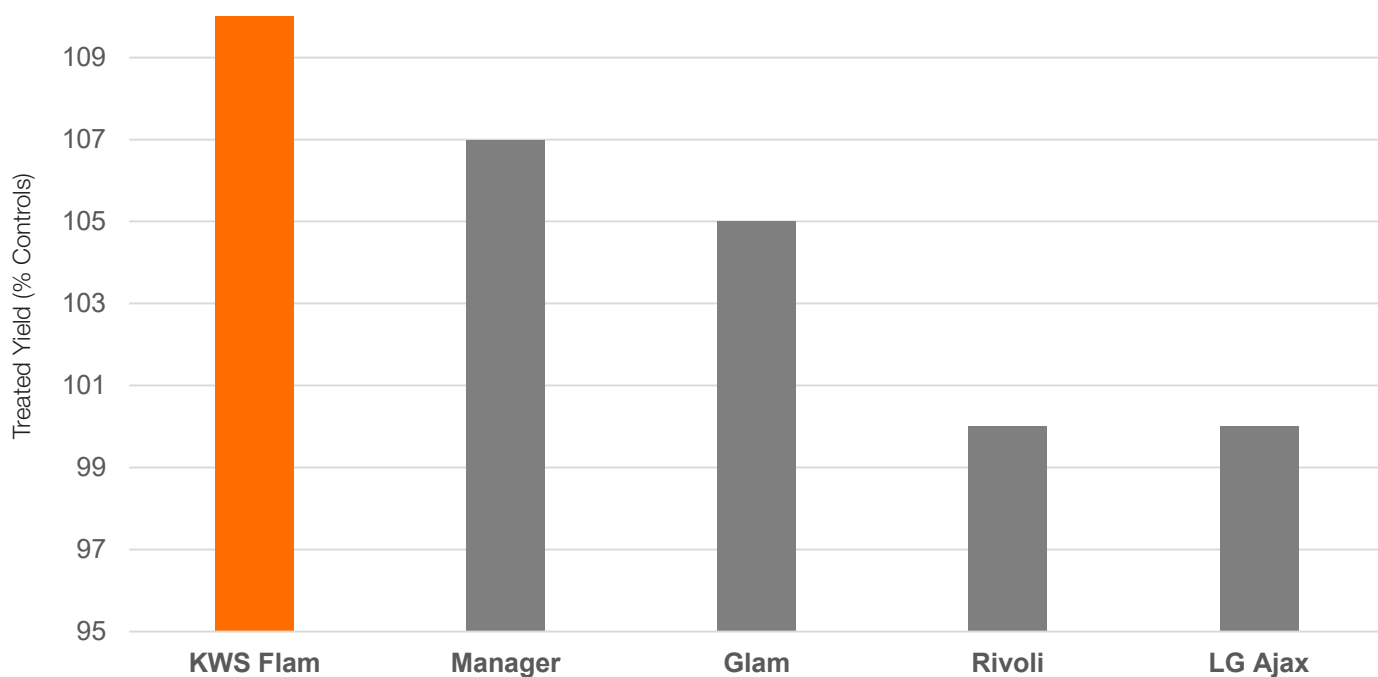
What makes KWS FLAM the pea variety for you?

KWS Flam brings a good combination of field yield and earliness to the yellow pea market today.



Data Source: Combining Peas, PGRO Descriptive List 2024

KWS FLAM yield performance



PGRO Descriptive List 2024 Yellow Pea Varieties

Data Source: Combining Peas, PGRO Descriptive List 2024

Disease resistance and agronomy of KWS FLAM



Resistance to	MANAGER
Pea wilt (Race 1)	R
Downy Mildew (1-9)	5
Powdery Mildew*	[S]

Straw Length (cm)
87

Standing ability at harvest
7

Earliness of maturity
6



*Data source: Combining Peas, PGRO Descriptive List 2024

KWS FLAM end-use and seed quality

As a new variety to the 2024 PGRO DL, KWS Flam is still undergoing extensive testing by a range of end users. To date, KWS Flam is an attractive variety for the supply chain thanks to its excellent protein content and bold grain. As a result, they are widely used in the canning or further processing e.g. splitting.

	KWS FLAM
Seed Characteristics	
Protein Content (% dry)	21.5
Thousand Seed Weight (g)	254



Grain peas as crops of the future: sustainable, regional and rich in protein!

With sustainable farming practices firmly in UK growers' minds, many growers are aware of the benefits of including peas in their rotation. Their environmental credentials are clear - being leguminous they require no nitrogen, making them a cost-effective crop to grow along with their ability to boost insect biodiversity and increase in microbial soil activities. In addition, like beans a pea crops helps boost soil fertility, leaving residual nitrogen for the following crops, so offering growers the chance to add resilience into their rotations.

Their attractive package for UK farmers don't stop there. As a spring crop, the continuing reduction of winter oilseed plantings, coupled with this autumn's poor weather creates a huge opportunity for spring peas. In addition, the alternative protein market is one that is developing globally at a fast pace and export opportunities remain good an example being that exports to Japan have increased by 250% in the last 10 years.

There are 3 main types of combinable peas grown in the UK

1. Green peas (also known as large blue) which are the most popular dried pea type grown in the UK for canning (for use in soups and stews) and the snack market. They are regularly micronized (roasted, cracked and rolled) for pet foods

- 2.** Yellow peas (also known as whites) are grown for splitting, whole processing and milling processes. Whilst relatively small in area of the UK, they are the most widely produced pulse in the world.
- 3.** Marrowfat peas are used in canning (mushy peas), snack foods and as ingredients in foodstuffs. This is a premium-led market.

KWS have been in the seed business for many years and in recent years, we've used our R&D resources to turn the spotlight on protein crops with a new approach. Not only do we have dedicated pea breeding programmes to provide suitable products for UK farmers, but we're also looking for novel markets such as milk and yoghurt alternatives based on pea proteins.



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