

# Bats above the competition



SEEDING  
THE FUTURE  
SINCE 1856



## KWS GOTHAM

Spring Green (Blue) Pea



- Best combination of yield and protein content for green peas on the 2024 Descriptive List
- Impressive thousand seed weight (292g)
- Excellent yield potential with good agronomics

New in 2023, KWS Gotham offers growers easy crop management combined with excellent opportunities, to serve the green pea market. It boasts the best combination of yield (107%) and protein content compared to other green peas on the 2024 PGRO DL, exactly what growers and processors alike are looking for.

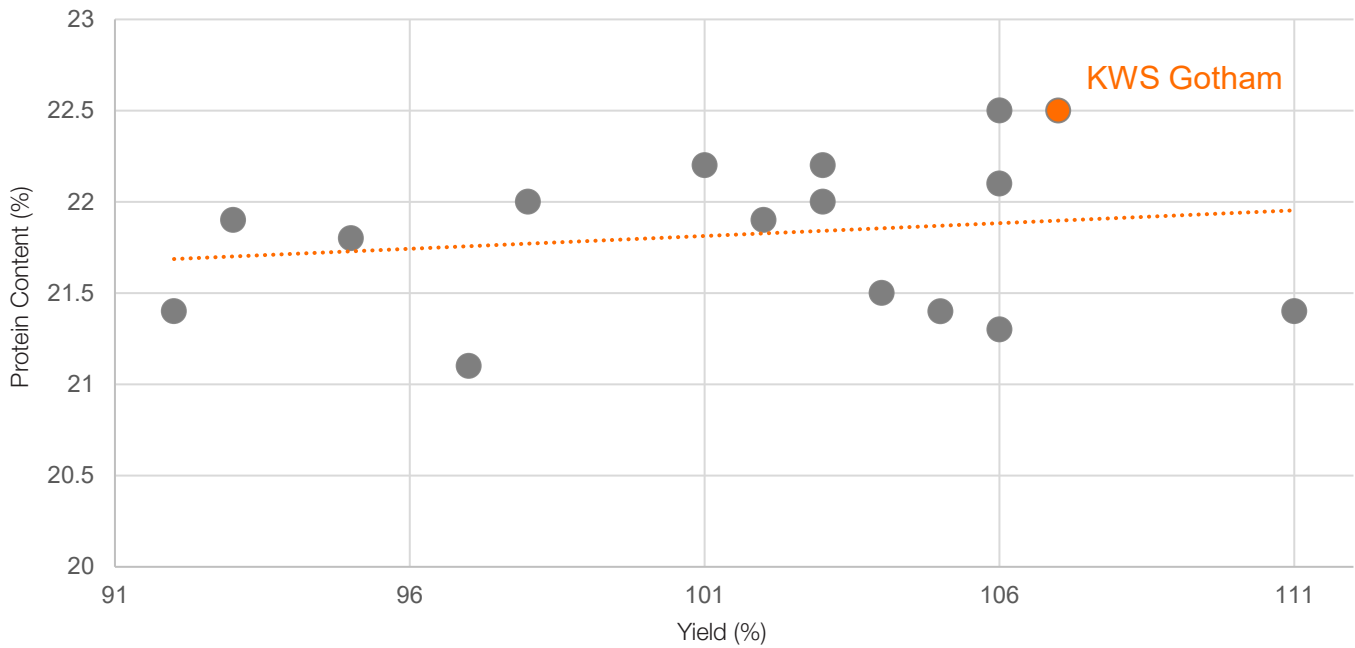
Agronomically it is a strong contender with a good all-round disease resistance, having stiff straw and good standability through to harvest.

An excellent thousand seed weight (292g) rounds off this impressive package.



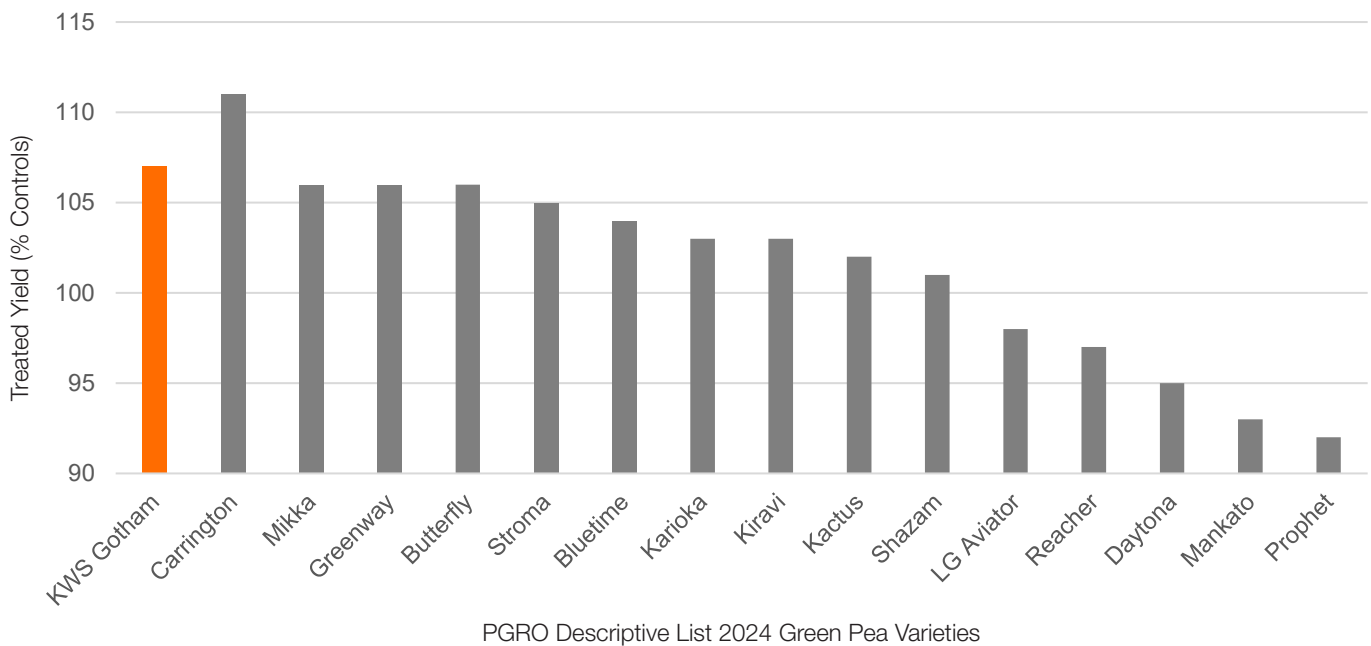
# What makes KWS GOTHAM the pea variety for you?

KWS Gotham brings the best combination of yield and protein content of the green peas on the market today



Data Source: Combining Peas, PGRO Descriptive List 2024

## KWS GOTHAM yield performance



PGRO Descriptive List 2024 Green Pea Varieties

Data Source: Combining Peas, PGRO Descriptive List 2024

# Disease resistance and agronomy of KWS GOTHAM



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

Straw Length (cm)	84
Standing ability at harvest	6
Earliness of maturity	3



\*Data SOURCE: Combining Peas, PGRO Descriptive List 2024

## KWS GOTHAM end-use and seed quality

Having been tested by a range of end users, KWS Gotham 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 Gotham
<b>Seed Characteristics</b>	
Protein Content (% dry)	22.5
Thousand Seed Weight (g)	292



# 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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