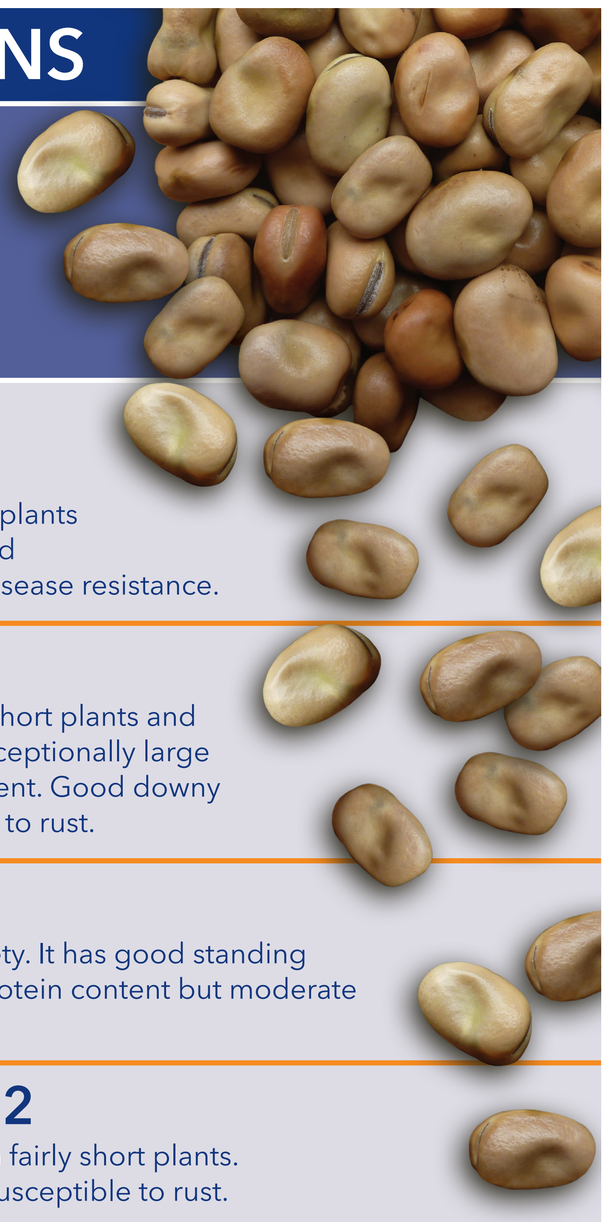
NIAB Plant Science into Practice

GETTING THE MOST OUT OF PULSES – TOP VARIETIES TO CONSIDER FIRST

(See PGRO Descriptive Lists for full variety details)

WINTER BEANS



While good samples of pale-skinned, pale hilum types have export suitability, there is more danger of loss of quality through fungal staining than with spring beans.

Vespa • 111
Very high yielding variety with medium-late maturity. Fairly short plants with very good standing ability and medium-sized seeds. Moderate disease resistance.

Vincent • 108
A high yielding variety with fairly short plants and good standing ability. It has an exceptionally large seed size with a high protein content. Good downy mildew resistance but susceptible to rust.

Bumble • 104
Good yielding, late maturing variety. It has good standing ability, large seeds with a good protein content but moderate disease resistance.

Bonneville • 102
New to the list, good yielding with fairly short plants. Stands well with large seeds but susceptible to rust.

SPRING BEANS

Quality standards for export to the Middle East for human consumption are high. Varieties with a smooth and pale skin must be clean and have low levels of bruchid beetle damage.

Genius • 110
Highest yielding variety, fairly short, moderately susceptible to downy mildew and susceptible to rust.

Lynx • 107
High yielding variety, with good downy mildew resistance as a key attraction but is susceptible to rust. Short plants and fairly small seeds with high protein content.

LG Stego • 106
High yielding, fairly short plants but very susceptible to downy mildew and moderate resistance to rust.

Futura • 106
Low Vicine and low Convicine variety, high yielding with good standing ability but susceptible to rust and downy mildew.

PEAS FOR COMBINING

With combining peas, it is all about the quality within the groups when it comes to the end use market. BUT, standing ability and downy mildew resistance remain very important traits for variety choice. All varieties below are resistant to Pea wilt (race 1).

YELLOW PEAS

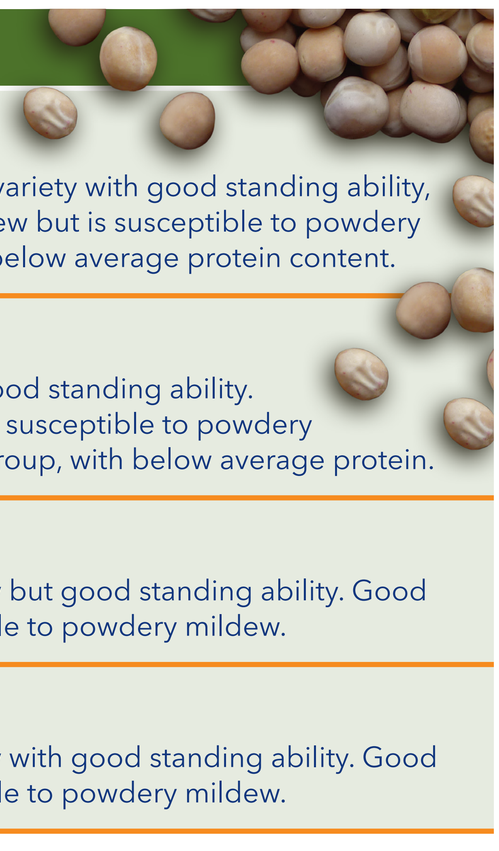
Kameleon • 114
Highest yielding yellow pea, medium height plants with good standing ability. Moderately susceptible to downy mildew and susceptible to powdery mildew.

Orchestra • 111
Very high yields. Moderately tall plants with good standing ability and large grain size, susceptible to downy and powdery mildew.

Glam • 108
Good yields from moderately tall plants. Good standing ability at harvest despite being very late maturing. Moderately susceptible to downy mildew and susceptible to powdery mildew.

Manager • 108
Good yielding with good standing ability. Good resistance to downy mildew and moderately resistant to powdery mildew.

GREEN PEAS



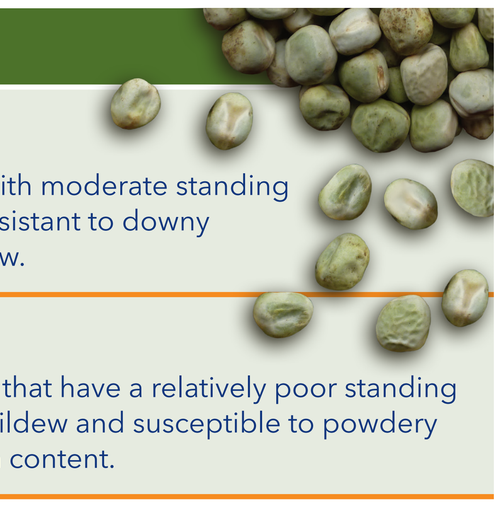
Carrington • 115
Highest yielding variety in this group. Tall variety with good standing ability, it has very good resistance to downy mildew but is susceptible to powdery mildew. Small to medium grain size, with below average protein content.

Butterfly • 109
Very good yielding, early maturing with good standing ability. Moderately resistant to downy mildew but susceptible to powdery mildew. Medium large grain size for this group, with below average protein.

Greenway • 107
Good yield, tall, with medium late maturity but good standing ability. Good resistance to downy mildew but susceptible to powdery mildew.

Mikka • 107
Good yield, tall, with medium late maturity with good standing ability. Good resistance to downy mildew but susceptible to powdery mildew.

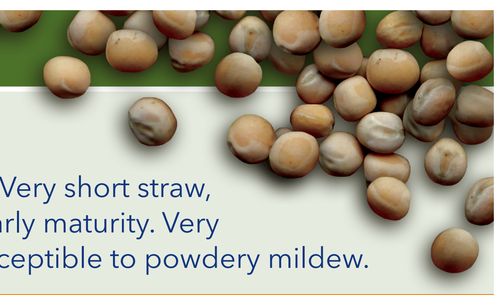
MARROWFAT PEAS



Takayama • 96
Highest yields in its category. Tall plants, with moderate standing ability despite late maturity. Moderately resistant to downy mildew and susceptible to powdery mildew.

Akooma • 95
Good yields, from fairly short plants plants that have a relatively poor standing score. Moderately susceptible to downy mildew and susceptible to powdery mildew. Large grain size with good protein content.

MAPLE PEA



Mantara • 95
Good yielding in the maple pea category. Very short straw, with good standing ability and medium-early maturity. Very Good resistance to downy mildew but susceptible to powdery mildew.