



LIROYAL

The early king of maize

ca. S 190 | ca. K 190

Profile

LiROYAL typifies the DSV UK maize portfolio, balancing yield, quality and agronomics to give the UK grower the ultimate package.

LiROYAL is a very early forage maize that is equally well suited to Favourable and Less Favourable sites. Although very early, it has a relatively tall growth habit and a well-formed cob that leads to high starch content, great digestibility and strong yields, as UK trials have demonstrated.

LiROYAL is a high performing all-rounder with the top yield in its class, which means all growers and, in particular, dairy farmers, have the opportunity to profit from a variety that is agronomically complete.




"With weather patterns becoming less predictable the requirement for robust and consistent maize varieties has never been greater."

"LiROYAL offers the perfect balance of yield, quality and maturity to suit a wide range of applications. Capable of producing over 18 tonnes of dry matter and in excess of 6 tonnes hectare of starch, LiROYAL is the perfect choice for high performing livestock systems or as the early variety in a balanced energy maize portfolio. Good standing ability and large uniform cobs also make LiROYAL ideal for the increasing maize grain or crimped maize grain markets. Good disease scores complete the package making LiROYAL the most versatile of maize varieties in what is an increasingly diverse marketplace for the maize plant."

Nigel Walley, National Seeds Manager, Agrovista

- ✓ High starch content
- ✓ High performing all-rounder

General

Usage	  
Silo mature	early
Grain maturity	early
Maturity forage	ca. 190
Maturity grain	ca. 190
Hybrid	Single-cross
Sowing date	<div><div>early</div><div></div><div></div><div></div><div>0</div><div></div><div></div><div></div><div>late</div></div>

Yield information

Dry matter content at harvest (%) Favourable	33.6
Dry matter yield (t/ha) Favourable	18
Dry matter yield (% of 4 and 5 year varieties) Favourable	100
ME of fresh plant at harvest (MJ/kg dry matter) Favourable	11.83
ME yield of fresh plant at harvest (1000s MJ/ha) Favourable	213
Starch content of whole plant at harvest (%) Favourable	35
Starch yield of whole plant at harvest (t/ha) Favourable	6.29
Cell wall digestibility (%) Favourable	59.2
Dry matter content at harvest (%) Less favourable	33.6

Dry matter yield (t/ha) Less favourable	17.6
Dry matter yield (% of 4 and 5 year varieties) Less favourable	100
ME of fresh plant at harvest (MJ/kg dry matter) Less favourable	11.75
ME yield of fresh plant at harvest (1000s MJ/ha) Less favourable	207
Starch content of whole plant at harvest (%) Less favourable	35
Starch yield of whole plant at harvest (t/ha) Less favourable	6.18
Cell wall digestibility (%) Less favourable	58.8

Agronomics Features

Early Vigour Favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>
Standing power at harvest (root lodging) Favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div>8</div><div></div></div>
Leaf senescence Favourable	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>
Eyespot rating Favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>
Early Vigour Less favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>
Standing power at harvest (root lodging) Less favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div>8</div><div></div></div>
Leaf senescence Less favourable	<div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div>
Eyespot rating Less favourable	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div>

Data Source: BSPB 2022 Forage Maize Descriptive List
Breeder classification: +++ = very good / very high | ++ = good / high | + = medium

Resistance to diseases

Maize smut	<div><div>+</div><div>+</div><div></div></div>
Fusarium	<div><div>+</div><div>+</div><div></div></div>

Location

Peat-soil	✓
Limited areas	✓
Soil type	<div><div>heavy</div><div></div><div></div><div></div><div>0</div><div></div><div></div><div></div><div>light</div></div>
Humidity	<div><div>wet</div><div></div><div></div><div></div><div>0</div><div></div><div></div><div></div><div>dry</div></div>

Sowing

Forage

8 - 10 Plants/m²

All specified information is given to the best of our knowledge and belief, but without guarantee on completeness and correctness. Despite care we cannot guarantee that the described characteristics are repeatable / comprehensive in agricultural practice in each case. DSV United Kingdom Ltd. excludes adhesion for damage or claims for damages, resulting of the use for the variety specified in this description. Mixture compositions may change if individual varieties are not available. As of 01/2024. Subject to change without notice.