Blue Lupins Summary

Varieties: Haags Blaue / Regent / Iris / Primadonna
Yield: 1.25 to 1.6 tonnes per acre
Crude Protein content: 32 - 34% (Dry Matter Basis)
Drill: Mid-April
Harvest: Early August to mid-September depending on variety
pH range: 5.0 - 7.4
Seed price: £55 per acre including inoculant (£60 for Seed Production contracts)

Fertiliser:
Nitrogen-fixing crop: Requires 25kg/ha of N during establishment while waiting for the root nodules to develop (which takes around 5 weeks)
P & K requirement: 50kg/ha (similar to peas) – assess indices

Sprays:
Pre-emergence: Stomp, Gamit and Nirvana can all be used
Post-emergence: Lentagran
Fungicide (if required): Caramba
Gramincides (if required): A number of products can be used: eg Laser, Fulisade, Falcon, Centurion Max etc
Desiccation (if required): Reglone

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Blue Lupins from Soya UK

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Blue Lupins for Home Use - Home-grown high-quality protein is more valuable than ever. This is why most Blue Lupins are kept and used as home-grown animal feed.

Blue Lupins for Commercial Buy-Back - We are supplying an increasing amount of Blue Lupins direct to farm for feed, as well as to feed compounders. If you would like to supply this straightforward market, we have a good availability of commercial buy-back contracts.

Blue Lupins on Seed production contracts – Fixed produce price £275/tonne - We are seeking high standard arable growers to take on areas for seed production, due to the continuing uptake of Lupins as a crop. Growers must follow agronomy advice, growing instructions and be able to store the resulting crop until the following March. If you have suitable drying and storage, we would like to hear from you.

Blue Lupins in Wholecrop Forage Mixes - Blue Lupins are often combined with cereals such as Triticale or Barley to produce a high quality, protein-rich forage.

Blue Lupins offer many advantages...

- Significant premiums over other pulses.
- Easy, straightforward quality criteria.
- Cheap and easy to grow.
- Fantastic break crop. The best wheat crops on the farm are after Lupins.
- Very effective nitrogen-fixing crop.
- Compatible with all other crops in the rotation, including peas, beans, OSR, sugar beet, etc.
- No significant pest or disease issues.
- Spring sown break crop with strong environmental credentials.
- Counts towards the legume area for greening purposes.
- New variety choices of Haags Blaue, Iris, Regent and Primadonna.

Blue Lupins Gross Margin (based on £225 per tonne)

<table>
<thead>
<tr>
<th>£/ha</th>
<th>£/ac</th>
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</thead>
<tbody>
<tr>
<td>Yield (t/ha)</td>
<td>3.08</td>
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<tr>
<td>Value (£/t)</td>
<td>225</td>
</tr>
<tr>
<td>Total Income</td>
<td>693</td>
</tr>
<tr>
<td>Seed Cost (£/ha)</td>
<td>136</td>
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<tr>
<td>Fertiliser Cost (£/ha)</td>
<td>35</td>
</tr>
<tr>
<td>Spray Cost (£/ha)</td>
<td>55</td>
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<tr>
<td>Total Cost (£/ha)</td>
<td>226</td>
</tr>
<tr>
<td>Gross Margin</td>
<td>467</td>
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</tbody>
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High world protein prices have underpinned the value of Lupins. They are one of the best break crops you can grow, and they have simple agronomy. Growers in the southern half of England would tend to grow White Lupins over Blue Lupins, whilst growers in the northern half of England, Scotland and Northern Ireland will grow Blue Lupins.