Foliar Nitrogen Fertiliser in Oilseed Rape

Best Practice Guidance in Oilseed Rape

Canopy management in oilseed rape aims to achieve the optimum canopy size, to intercept the maximum amount of sunlight, through the rate and timing of nitrogen fertiliser.

Foliar nitrogen applied around the end of flowering in oilseed rape has been shown to increase yield over and above what can be achieved from optimal applications of soil applied nitrogen.

Efficie-N-t 28 can be used from yellow bud to petal drop as an additional N supply to maintain green area and to boost pod fill. Trials carried out between 2014 and 2018 showed an increase of 0.29 t/ha over untreated yield. It can also be tank mixed with most fungicides.

Application Guidelines

### Autumn

<table>
<thead>
<tr>
<th>Application</th>
<th>Rate</th>
<th>N/application</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 - 20 l/ha</td>
<td>4.2 – 7 kg N/ha</td>
<td>(18.75 – 25kg/ha)</td>
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</tbody>
</table>

As stand alone treatment or addition to granular application on backward crops

**DO NOT EXCEED 30KG TOTAL N/HA FOR AUTUMN APPLICATION**

### Flowering

<table>
<thead>
<tr>
<th>Application</th>
<th>Rate</th>
<th>N/application</th>
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<tbody>
<tr>
<td>20 l (25kg) at Mid-flower</td>
<td>7kg N/ha</td>
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<tr>
<td>OR</td>
<td>10 l (12.5kg) yellow bud followed by 10 l (12.5kg) mid-flower utcfu</td>
<td>3.5kg N /ha+ 3.5kg N/ha (Total 7kg N/ha)</td>
</tr>
</tbody>
</table>

Key Benefits

- No crop damage
- No volatalisation
- Nearly 100% uptake
- Accurate application
- NO SCORCH
- Compatible with most fungicides
- Increased seed size
- Increased seed number
N is remobilised from canopy to seed

**Optimum GAI**
3.5
180 Kg N
3.5 tonne/ha

**Apply**
Efficient 28
Mid flowering with fungicide

30 KG N additional
0.5 tonne
Applied at Yellow bud

**Average response**
0.290 tonne
Across 7 sites
No depression in Oil%