



## Knowledge grows

# Increase Your Oilseed Yields with Yara NUFOL™



Fulfil the potential of your Oilseed crops with a late application of Yara Nufol to maximise your yield.

Yara has been carrying out research work on nitrogen applications to oilseed rape for over a decade, exploring the optimum rate, source and timing.

### What are the results?

We have found that nitrogen should be applied at three key stages:

- Autumn for optimal establishment and vigorous early growth
- Spring for optimum canopy structure and growth before flowering
- During flowering to optimise green area duration to maximise yields by using Yara Nufol

### Why do I need a late nitrogen application?

By applying nitrogen at 90% petal fall, we are keeping the green leaf canopy healthy for as long as possible to aid the seed-fill process. This will help towards fulfilling the yield-potential of your oilseed rape crops.

### What results can you expect with Yara Nufol?

Trial results show that you can expect to see an increase of 0.33 t/ha, which gives you a **3:1 Return on Investment**. Over a cropped area of 100 hectares you would therefore see an additional 33 tonnes of oilseed rape. At the current price of £380/t (ABC Budget, Nov 20), this is worth **£12,540** to you.

### Yara Application Guidance

Timing	<p>Trials have revealed no benefit over specific timing of application during the flowering stage. However our recommendation is to apply post flowering.</p> <p>Avoid applying nitrogen when crops are significantly stressed by drought and heat.</p>
Recommendation	250 l/ha Yara NUFOL
Quantity	<p>Results of trials have identified the optimum rate of nitrogen to apply at this time to be around 50kgN/ha.</p> <p>Remember, it is important to ensure that your total nitrogen applied does not exceed the N Max limit.</p>
Nozzles	Medium flat fan nozzle.

*"An ADAS review of 27 experiments showed that applying late foliar N at 40 kg N/ha increased gross output yield by 0.25 t/ha on average (with responses up to 0.7 t/ha). Gross output yield accounts for the effects on both the seed yield and oil content. The late foliar N could be applied anytime between flowering and 2 weeks after the end of flowering, so it is possible to tank mix with a sclerotinia spray and save on application costs."*

**Dr Pete Berry**  
Head of Crop Physiology, ADAS UK Ltd

