



Knowledge grows

Increase Your Oilseed Yields with Chafer NUFOL™



Fulfil the potential of your Oilseed crops with a late application of Chafer 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 **Chafer 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 Chafer Nufol?

Trial results show that you can expect to see an increase of 0.33 t/ha, which gives you an **extra £90-100 /ha extra net profit**. Over a cropped area of 100 hectares you would therefore see an additional 33 tonnes of oilseed rape. At the current price of £695/tonne for harvest 2022, this is worth **£22,935** to you.

Yara Application Guidance

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