



Knowledge grows

Increasing Grain Protein Levels with Yara NUFOL™



If growing milling wheat, the target for grain protein is 13%. A well-timed application of Yara Nufol foliar nitrogen, can achieve up to a 1% increase in protein levels.

Why do you need Yara Nufol?

Increased Nitrogen Uptake

Without a well-timed foliar application of nitrogen, your crops may struggle to contain enough protein to satisfy the requirement for yield and quality.

A targeted application of Yara Nufol will increase the amount of nitrogen available to your crops during the crucial stage of protein development.

Reduce Risk of Inferior Crop Quality

Did you know that in 2023, the AHDB survey revealed that 90% of crops failed to deliver against the three quality parameters –protein, weight and Hagberg Falling Number.

If crops fail to meet the necessary quality, it could significantly affect your revenue.

Yara Nufol will lower the risk of missing your protein target, securing a return on investment between 8:1 and 12:1 depending on final yield.

Yara Application Guidance

Timing	<ul style="list-style-type: none"> Apply Yara Nufol as a foliar spray between growth stages 69 - 75 (end of flowering up to milky ripe). Apply when light intensity is low - early morning, or preferably during the evening. Avoid applying to wet leaves, stressed crops or on very hot, dry, sunny days. Overcast, cool conditions are optimal.
Quantity	<ul style="list-style-type: none"> Apply 200 litres/ha of Yara Nufol. This will supply the crop with 40kg N/ha. <p>OR</p> <ul style="list-style-type: none"> Apply 200 litres/ha of Yara Nufol+S to supply crops with 40kg N/ha and 8kg SO₃/ha.
Nozzles	Conventional pesticide spray nozzles (not stream or dribble nozzles) to achieve a medium spray at fairly low pressure (2 bar or less).
Note	Applications for foliar uptake of Yara Nufol in line with these recommendations sit outside the ammonia guidelines. Therefore inclusion of an inhibitor is not required.

High Yielding Situations

If your requirement is greater than 40kg/ha, consider two applications of 30kg N/ha.

First Application	<ul style="list-style-type: none"> Apply at growth stage 59 (ear emergence). Apply 150 l/ha Yara Nufol diluted with 100 l/ha water.
Second application	<ul style="list-style-type: none"> Apply at growth stage 69-75 (post flowering). Apply 150 l/ha Yara Nufol undiluted.

