



PART A: PLAN the blue cells are required for NVZ nitrogen planning



Field name/ref:	Harvest year	Crop	Variety
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Soil type	Soil depth (cm)	Subsoil eg clay	Annual rainfall	Low / moderate / high
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Field area (ha)	Cropped area (ha)
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**Soil analysis details<sup>2</sup>**

Date	pH	P index	K index	Mg index	SNS index <sup>21,26</sup>	Lime requirement	t/ha
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**Cropping details**

ARABLE/FORAGE Last crop	Yield of last crop	Residues removed Yes/No	Utilization (forage)	Expected yield this harvest year
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GRASS Management/crop last year	Expected number of cuts/grazings this year <sup>6</sup>
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**Crop nutrient requirement** Recommendation system used AHDB Nutrient Management Guide RB209/FACTS Qualified Adviser (Number)

P <sub>2</sub> O <sub>5</sub> policy	maintain/run down/build up	K <sub>2</sub> O policy	maintain/run down/build up	Is field in NVZ	Yes / No
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**This season's crop**

Date established	Target yield t/ha (arable crops)	milling wheat/feed wheat/feed barley/malting barley circle intended market if applicable	Notes – Other planned nutrient applications eg – Sodium and micronutrients Record any problems during the season and actions planned for next season
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**Amount – kg/ha**

	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	SO <sub>3</sub>
Nutrients required <sup>7,19,26</sup> <b>A</b>					
Crop available nutrients from livestock manures <b>B</b>					
Crop available nutrients from other organic manures <b>C</b>					
Planned inorganic nutrient application kg/ha <b>A-(B+C)</b>					

**PLANNED ORGANIC MANURE APPLICATIONS**

**Livestock manures** \*For general agronomic purposes, use values in the Nutrient Management Guide but for checking compliance with Nmax, use values in Defra NVZ guidance.

Proposed application date	Type of manure	Slurry/ poultry manure DM%	Rate t/ha or m <sup>3</sup> /ha	Proposed method of application	Nutrients to be applied (kg/ha)														
					N			P <sub>2</sub> O <sub>5</sub>			K <sub>2</sub> O			MgO			SO <sub>3</sub>		
					Total (kg/ha)	% available *	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available (assume 100% unless better value available)	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)
Nutrient in livestock manures (kg/ha)					<b>B</b>		<b>B</b>			<b>B</b>			<b>B</b>			<b>B</b>			<b>B</b>

**Other organic manures**

Date	Type of manure	Rate t/ha or m <sup>3</sup> /ha	Proposed method of application	N			P <sub>2</sub> O <sub>5</sub>			K <sub>2</sub> O			MgO			SO <sub>3</sub>		
Nutrients in other manures (kg/ha)				<b>C</b>		<b>C</b>			<b>C</b>			<b>C</b>			<b>C</b>			<b>C</b>
Nutrients to be applied in organic manures				<b>B+C</b> **														

\*\*If in NVZ this figure should not exceed 250kgN/ha



PART B: RECORDS the blue cells are required for NVZ nitrogen planning

Field name/ref:		Harvest year		Cropped area (ha)		Crop:															
Date crop established if applicable		Actual yield		% N -cereals		Malting/feed barley Milling/feed wheat <small>Circle relevant crop if applicable</small>		Management (if grass) eg grazing/silage/hay		Number of defoliations											
FERTILISERS APPLIED <sup>1, 22, 23</sup>																					
Date		Name/analysis		Application rate kg/ha		Nutrients applied (kg/ha)															
						N		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O		MgO		SO <sub>3</sub>		Other (specify)					
				TOTAL D																	
LIVESTOCK MANURES <sup>22</sup>					N			P <sub>2</sub> O <sub>5</sub>			K <sub>2</sub> O			MgO			SO <sub>3</sub>				
Application date	Type of manure	Slurry/poultry manure DM %	Rate t/ha or m <sup>3</sup> /ha	Method of application	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available (assume 100% unless better value available)	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)		
Nutrient in applied livestock manures (kg/ha)					E		F	E		F	E		F	E		F	E		F		
OTHER ORGANIC MANURES <sup>22</sup>					N			P <sub>2</sub> O <sub>5</sub>			K <sub>2</sub> O			MgO			SO <sub>3</sub>				
Application date	Type of manure	Rate t/ha or m <sup>3</sup> /ha	Method of application	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)	Total (kg/ha)	% available (assume 100% unless better value available)	Crop available (kg/ha)	Total (kg/ha)	% available	Crop available (kg/ha)			
Nutrients in other manures (kg/ha)					G		H	G		H	G		H	G		H	G		H		
Nutrients applied in livestock manures (kg/ha) <sup>1, 23</sup>							N		P <sub>2</sub> O <sub>5</sub>		K <sub>2</sub> O		MgO		SO <sub>3</sub>		<p>If you are in an NVZ:</p> <p>Total nitrogen in organic manures (E plus G) must not exceed 250kg N/ha in any 12 month period.</p> <p>For planning nitrogen use refer to the latest Defra NVZ Guidance. Where organic manure is to be applied you can use the crop available N percentages from AHDB Nutrient Management Guide (RB209). However, if you are calculating compliance with Nmax in an NVZ where livestock manure is applied, you must use the crop available N percentages provided in the latest Defra NVZ Guidance.</p> <p>The guidance is an aid to nutrient management planning and can help users meet the requirements of the NVZ regulations, where these apply. Whilst the Professional Nutrient Management Group (Industry) has used its best endeavours to ensure the accuracy of the guidance, we cannot accept any responsibility or liability from its use.</p>				
Total							E														
Crop available							F														
Nutrients applied in other organic manures (kg/ha) <sup>23</sup>																					
Total							G														
Crop available							H														
Total applied in organic manures <sup>10</sup>							E+G														
							D+F														
Crop available supplied in fertilisers + organic manures (Nmax-use % available in NVZ guidance) <sup>23</sup>							D+F+H														
Phosphate and potash removed in crop (Section 4 Nutrient Management Guide (RB209))							I														
Phosphate and potash balance (kg/ha)							(D+E+G)-I														

The letters A, B, C etc in some cells are to help completion of each sheet. They have no other meaning and any letter does not necessarily correspond to those used in the Tried & Tested Management Plan or the downloadable Tried & Tested Excel sheets. This sheet should be used in conjunction with the Tried & Tested Nutrient Plan. Copies available from: 02476 858 896; nutrientmanagement@nfu.org.uk; www.nutrientmanagement.org. Superscripts numbers relate to notes in the Tried and Tested Plan.