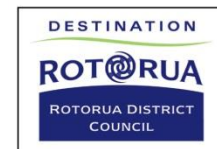


Allocating NDAs: information to be used

StAG 22 October 2014



Proud Partners



Clarifying starting points

- 💧 The nitrogen loss starting point to be used at 2017
- 💧 Current loss?
- 💧 Benchmark?

Figure 1:

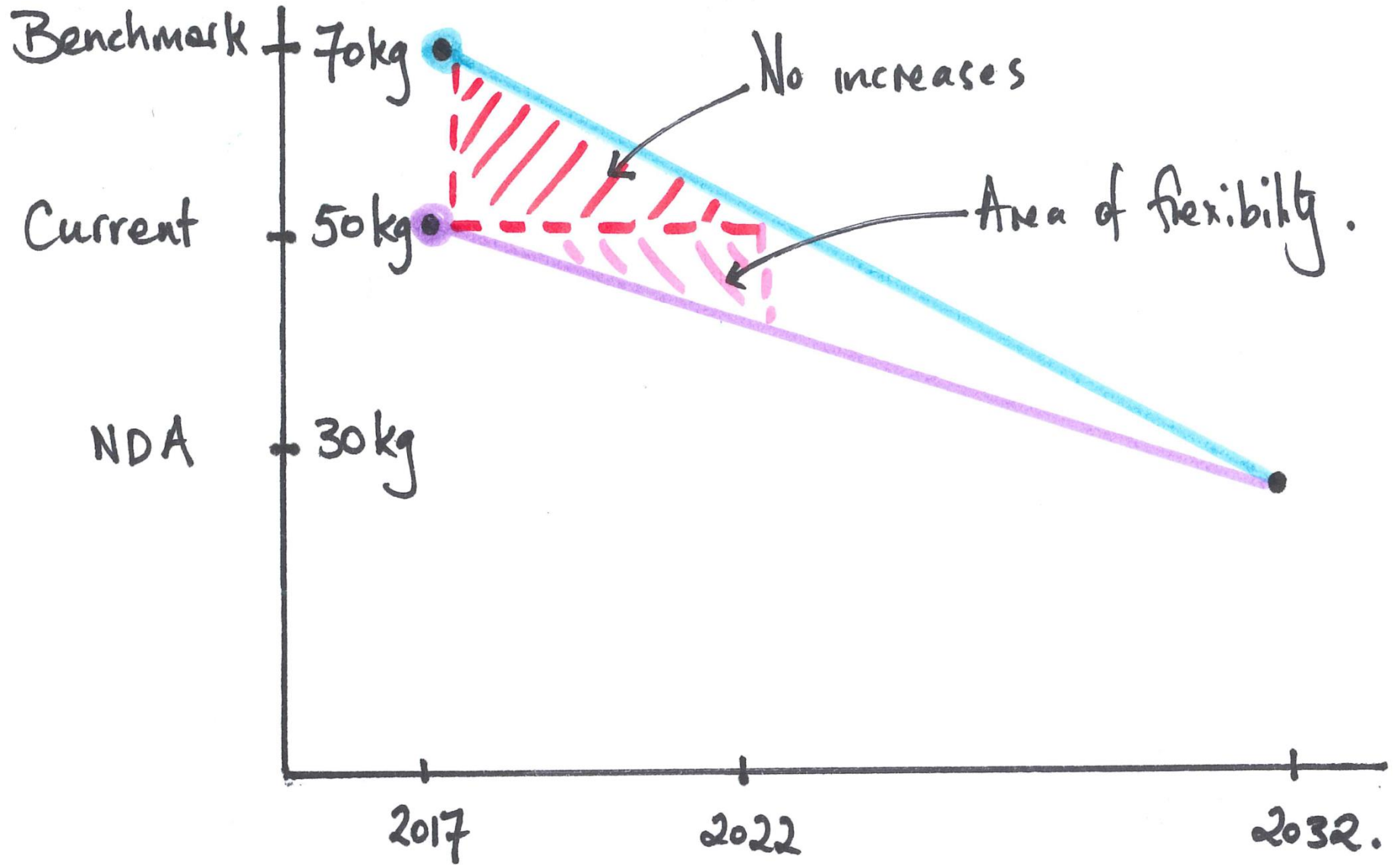
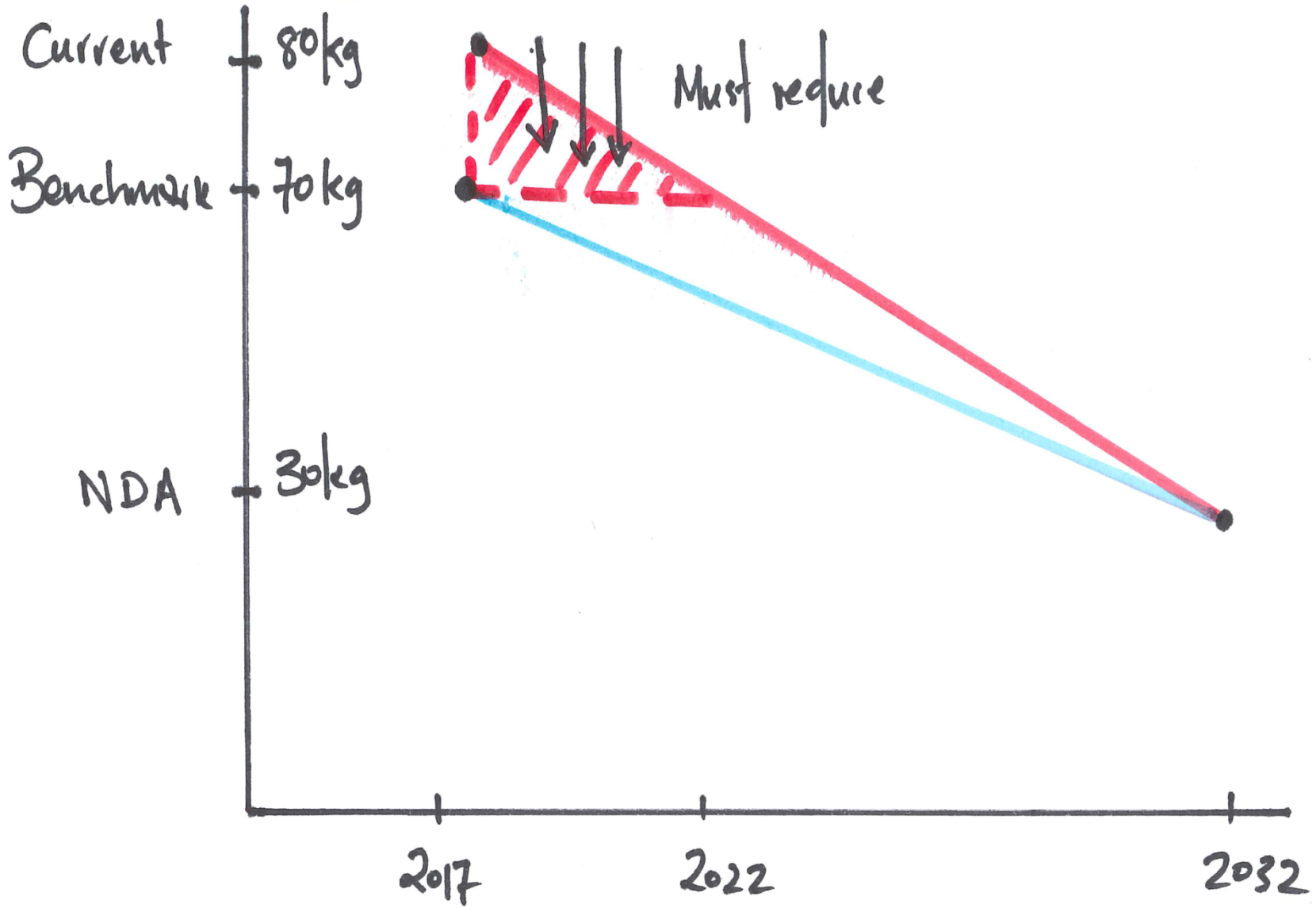


Figure 2:



Recommend:

- 1) That the starting point for getting down to the Nitrogen Discharge Allowance will be the property benchmark.
- 2) Where no benchmark exists the starting point will be nitrogen loss associated with 2010-2013 activities.

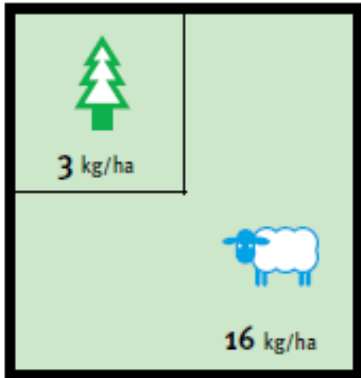
Determining land use for allocation

- 💧 Previously considered by StAG 17
December 2013:

Take a flexible approach and work with individual farmer on which [starting point] to use through the FNP (Farm Nutrient Plan) process, as long as the R11 benchmark was/is not exceeded. In most cases, the 2001-04 year would be appropriate but case by case flexibility will reduce inequity, such as when a recent conversion was made from drystock to dairy within the drystock R11 benchmark.

Rule 11

01-04:

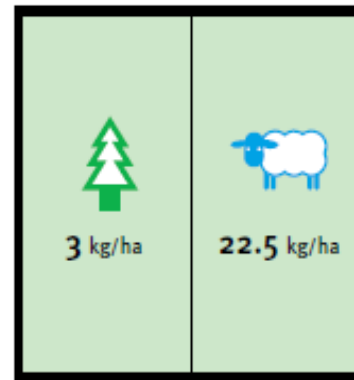


25ha	@ 3	= 75kg
75ha	@ 16	= 1200kg
100ha		= 1275kg

Benchmark = 12.75 kg/ha



Current:

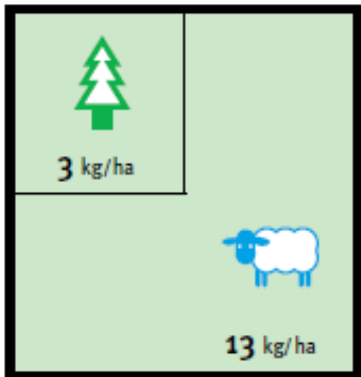


50ha	@ 3	= 150kg
50ha	@ 22.5	= 1125kg
100ha		= 1275kg

NDA = 12.75 kg/ha

New rules

If start point: 01/04

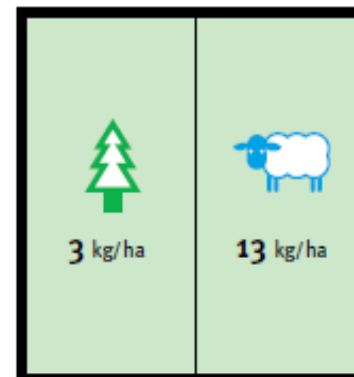


25ha	@ 3	= 75kg
75ha	@ 13	= 975kg
100ha		= 1050kg

NDA = 10.5 kg/ha

OR

If start point: Now

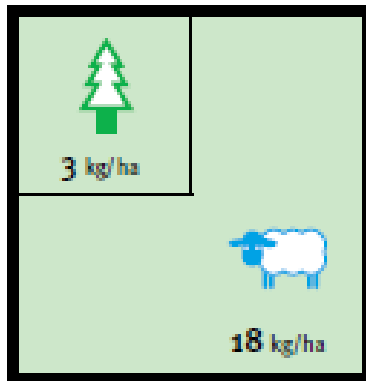


50ha	@ 3	= 150kg
50ha	@ 13	= 650kg
100ha		= 800kg

NDA = 8 kg/ha

Rule 11

01-04:



25ha	@ 3	- 75kg
75ha	@ 18	- 1350kg
100ha		- 1425kg

Benchmark = 14.25 kg/ha



Current:

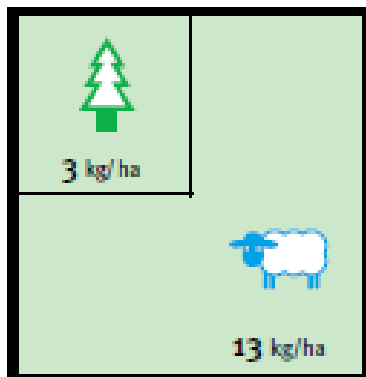


100ha	@ 14.25
	- 1425kg

Benchmark = 14.25 kg/ha

New rules

If start point: 01/04



25ha	@ 3	- 75kg
75ha	@ 13	- 975kg
100ha		- 1050kg

NDA = 10.5 kg/ha



If start point: Now



100ha	@ 13
	- 1300kg

NDA = 13 kg/ha

Recommend:

- 1) That the land use referred to in allocating Nitrogen Discharge Allowances is the compliant land use associated with the property where a benchmark exists.
- 2) Where no benchmark exists, land use will be determined through 2011 aerial photos.

Effective versus total area

Recommend:

That Nitrogen Discharge Allowances will be based on effective area not total area.

Rules category	Rule 11 status	2017 start point	2032 NDA
Greater than 40 ha	Benchmarked	Benchmark	Function of compliant ³ land use and nitrogen benchmark
	Not Benchmarked	Current ¹	Function of current ² land use and a N discharge based on average sector benchmark data or other data for the 01-04 period
2-40 ha Consented	Benchmarked	Benchmark	Function of compliant ³ land use and nitrogen benchmark
	Not Benchmarked	Current ¹	Function of current ² land use and a N discharge based on average sector benchmark data or other good for the 01-04 period
2-40 ha Permitted	Benchmarked	Undecided	N/A
	Not Benchmarked	Undecided	N/A
Less than 2 ha	Benchmarked	No limit	No limit
	Not Benchmarked	No limit	No limit

1 Where current is defined as a 3 year period from 2010-2013

2 Where current is defined using the 2011 aerial photography

3 Generally "compliant" is the benchmarked land use however where the land use has changed without exceeding the properties benchmark e.g. some dairy conversions, this could also fit as "compliant" provided the benchmark has not been exceeded.