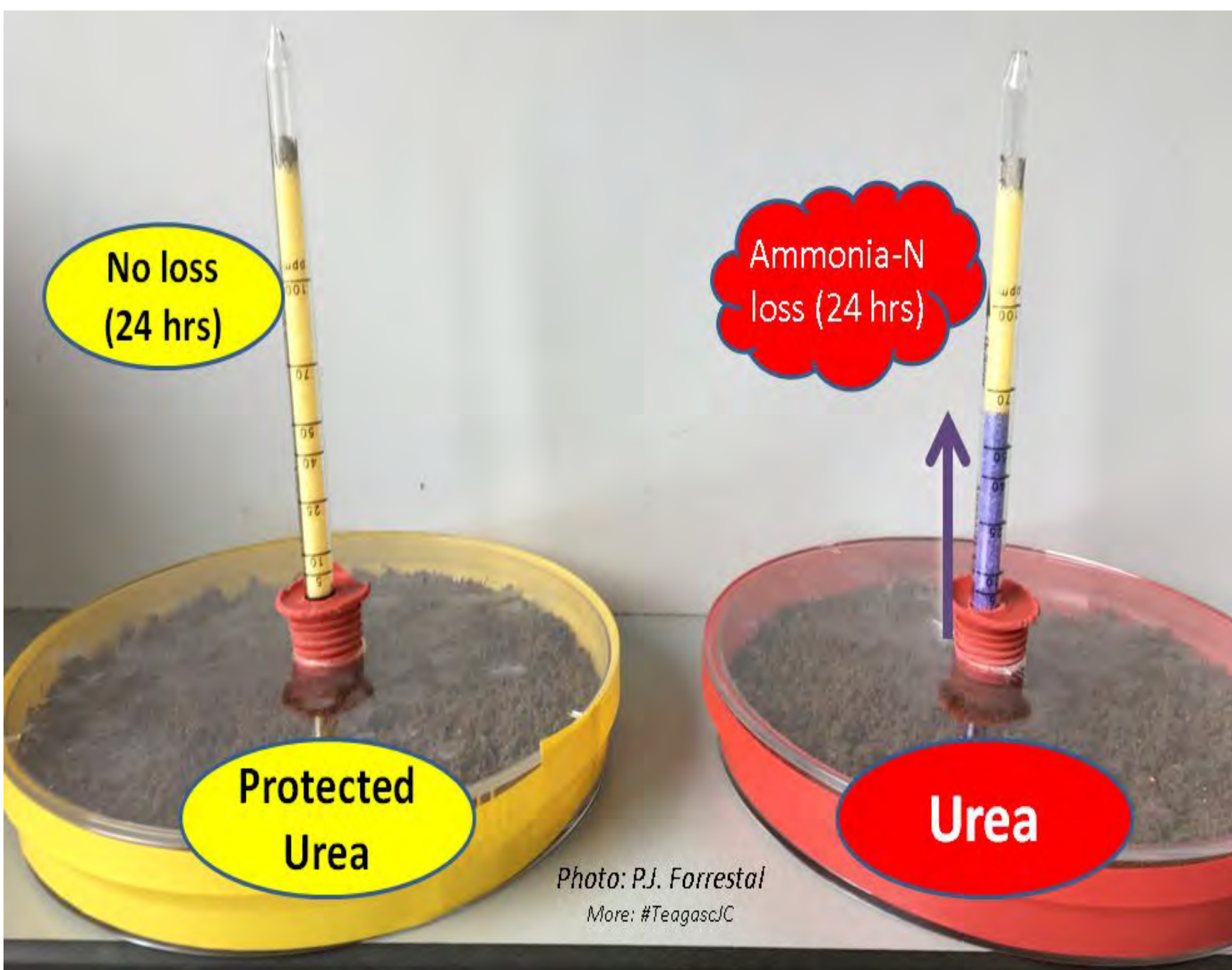
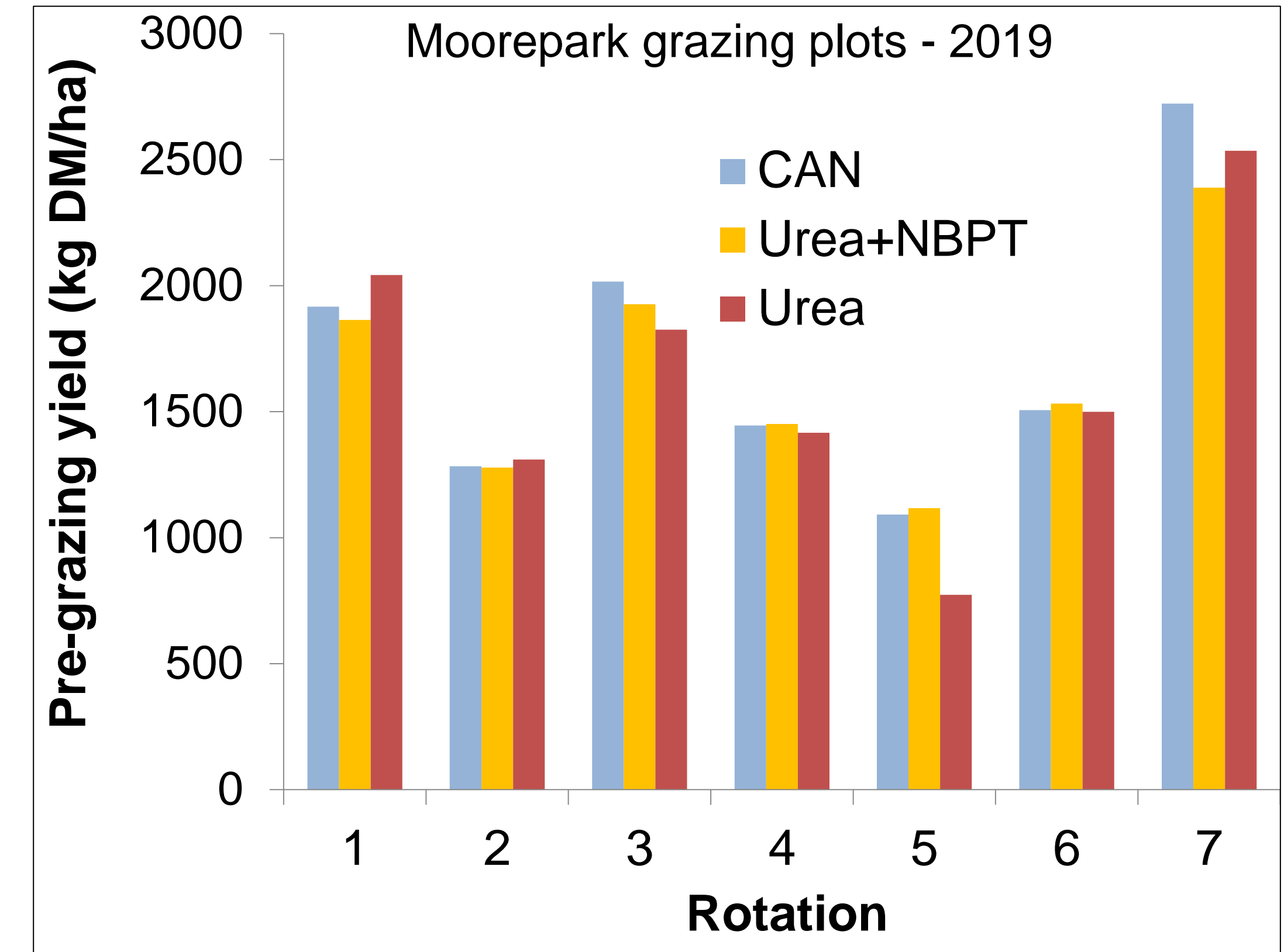
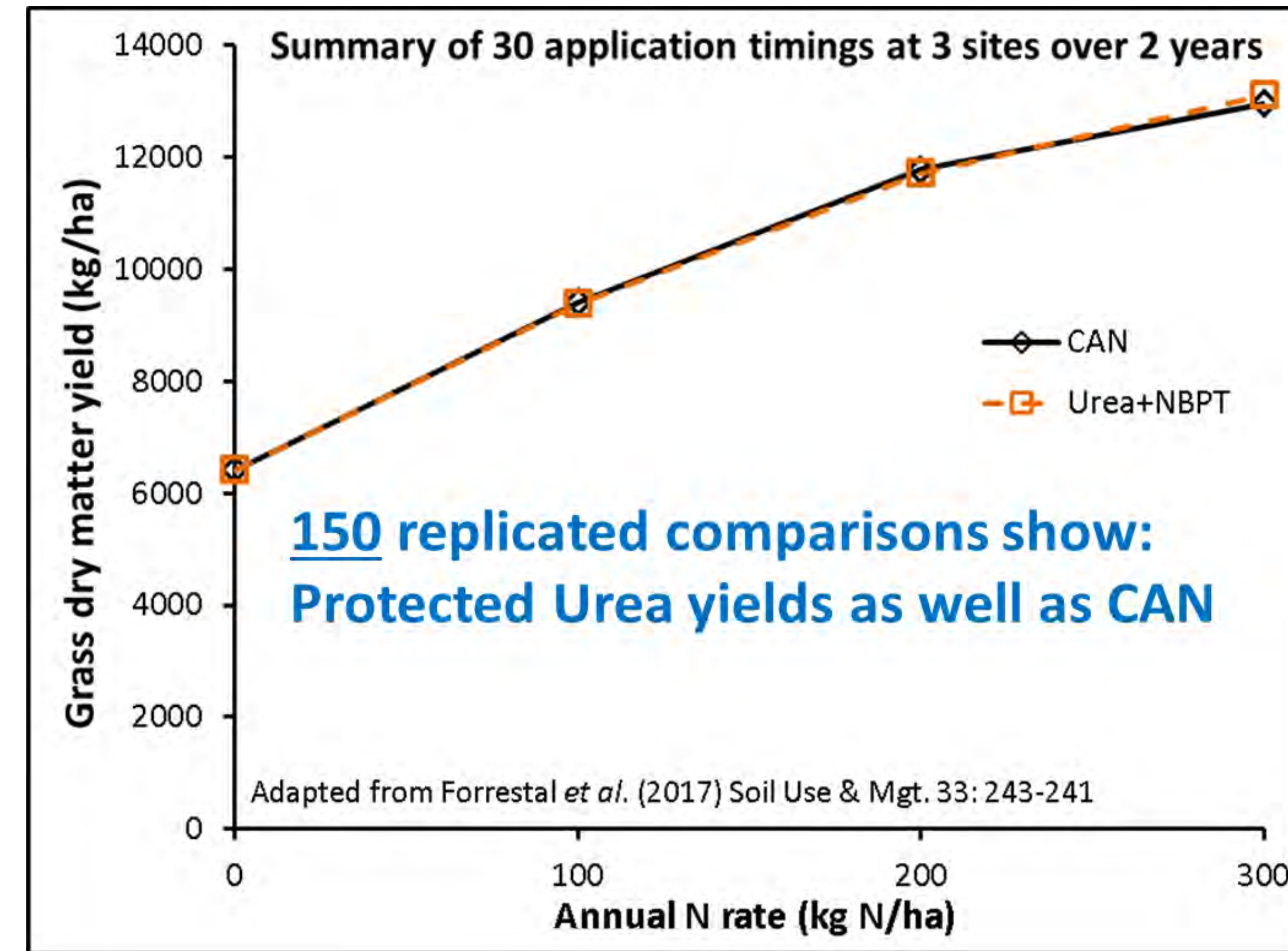
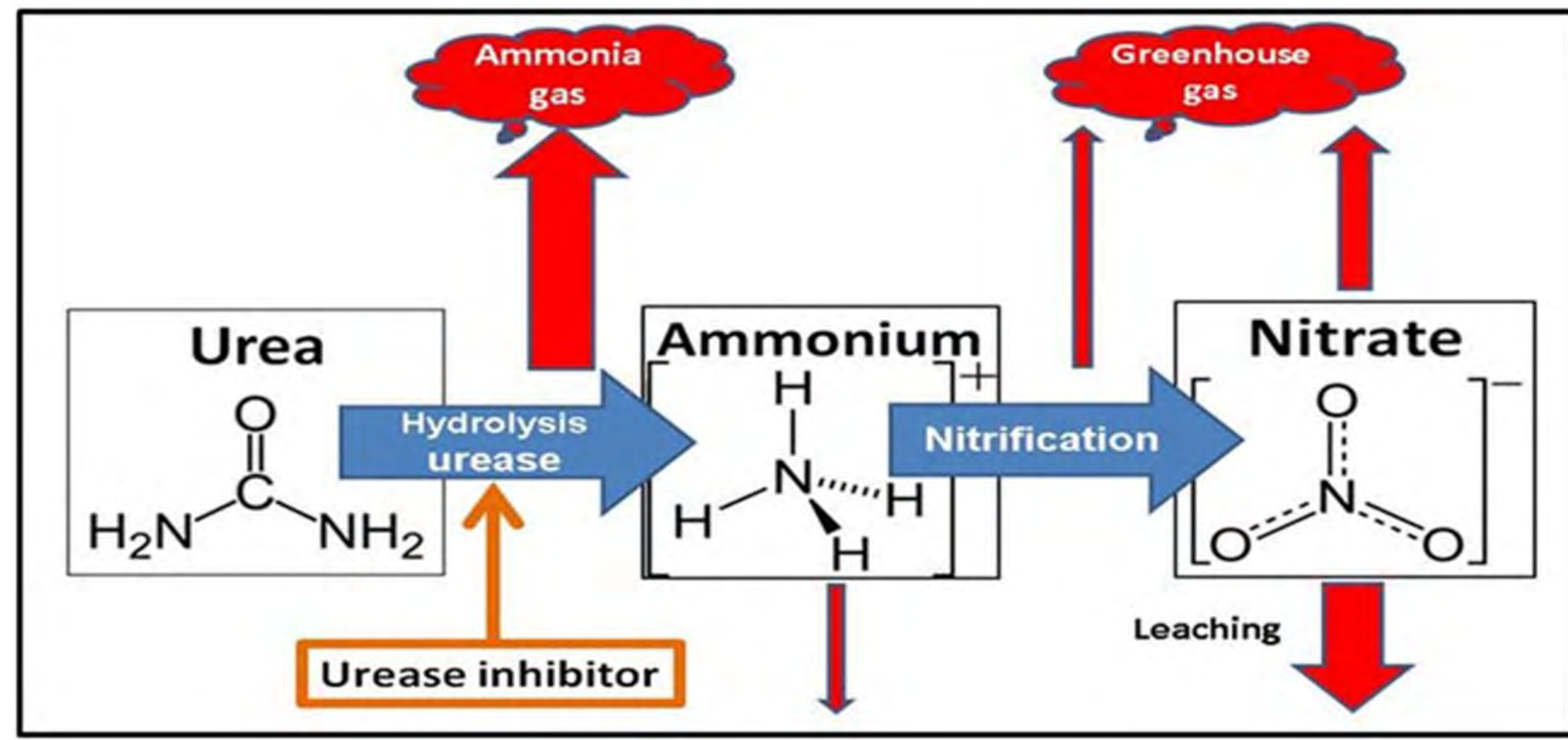
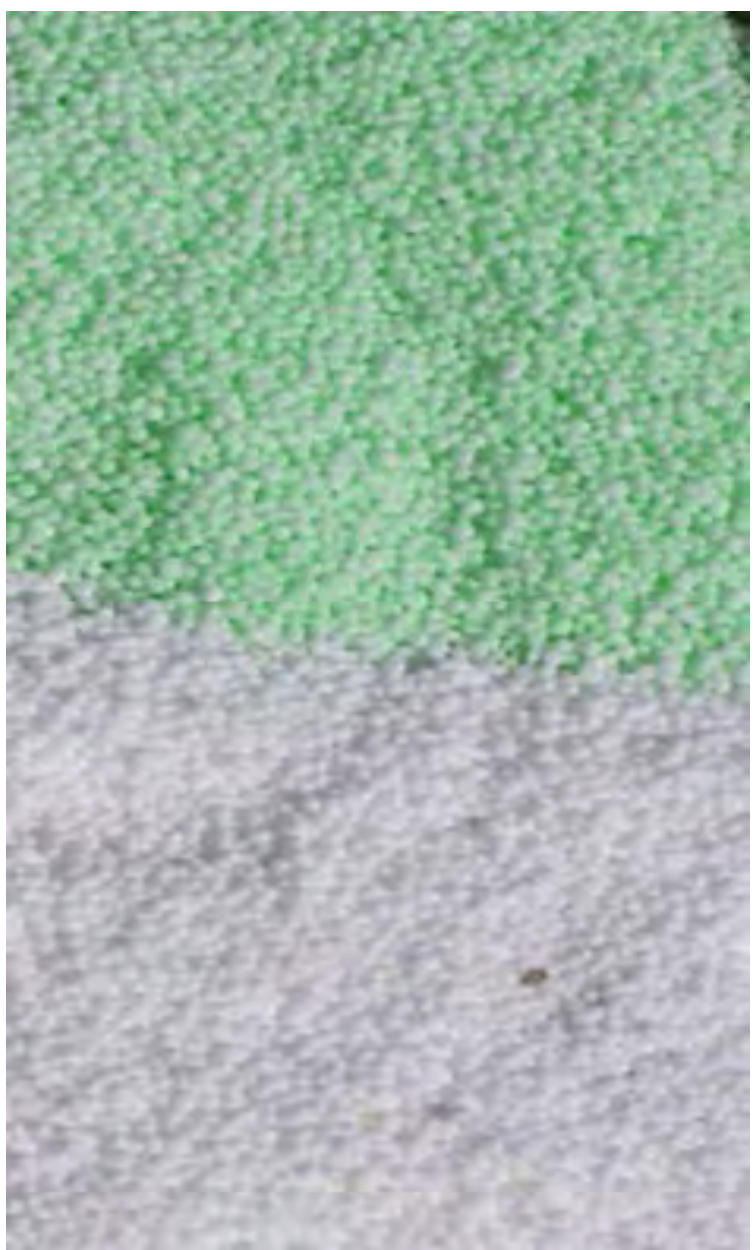


Protected urea stops ammonia-N loss  
 ⇒ N is reliably retained to grow grass  
ask for NBPT, 2-NPT or NPPT active ingredient

**Teagasc cutting & grazing trials show protected urea is reliable for yield**



	CAN	Urea	Urea + NBPT
Cost of N	★★★★	★★★★★	★★★★★
Yield	★★★★★	★★★★★	★★★★★
N recovery efficiency	★★★★★	★★★★	★★★★★
Greenhouse gas	★★	★★★★★	★★★★★
Ammonia gas	★★★★★	★★	★★★★★

## Take home messages

- ☑ Ask for NBPT, 2NPT or NPPT
- ☑ Protected urea can be spread **throughout the growing season** & is reliable for yield
- ☑ Lower greenhouse gas loss than CAN
- ☑ Lower ammonia-N loss than urea

Keep up to date by checking the Teagasc Johnstown Castle  
Soil & Soil Fertility website

<https://www.teagasc.ie/crops/soil--soil-fertility/>

Fertiliser products available on the Irish market containing a protected form of urea (N)						
Company	Product Name	Inhibitor Type	N%	P %	K%	S%
Grassland Fertilisers (Kilkenny) IFI	Topper N Protect	NBPT	46			
	Super Topper N Protect	NBPT	38			7.5
Grassland Agro	Eco Urea	NBPT	46	-	-	-
	Eco N 38	NBPT	38	-	-	7.6
	Eco 29-0-14 +S	NBPT	29	-	14	2
	Alzon Neo-N	2-NPT + MPA	46	-	-	-
	Alzon Neo-N + S	2-NPT + MPA	40			6
Goulding Fertiliser	KaN	NBPT	46	-	-	-
	KaN + S	NBPT	38	-	-	7
	KaN + S	NBPT	35	-	-	10
	KaN + K +S	NBPT	29		14	3.5
Target Fertilisers	UreaMax	NBPT	46	-	-	-
	UreaMax + S	NBPT	40	-	-	6
Yara	Yara Vera AMIPLUS	NBPT	46	-	-	-