

TRIAL DATA SHEET

K α N[®]
Powered by AGROTAIN



Koch Advanced Nitrogen[®] fertiliser vs ammonium nitrate

Objective: Crop yield comparison between different N sources

Crop: Spring Barley (Concerto)

Location: Balgonie, Glenrothes

Date: 2015 Harvest

Researcher: Scottish Agronomy Limited

Trial code: RD99_002_SB_15

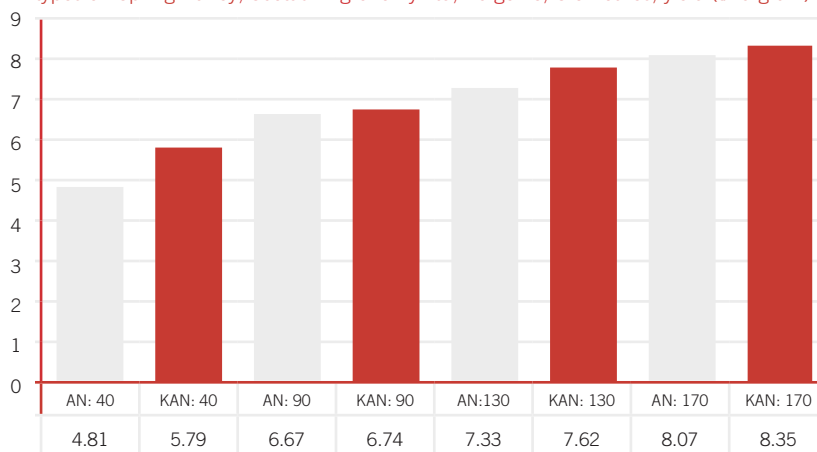


Nitrogen Rate (kg N/Ha)	Product Required (kg/Ha)	
	Ammonium Nitrate	Koch Advanced Nitrogen [®]
40	116	87
90	261	196
130	377	283
170	493	370

Application split: 50% at Pre-Em. 50% at GS 12-13

Results:

N-types on Spring Barley, Scottish Agronomy Ltd, Balgonie, Glenrothes, yield (t/ha grain)



Conclusions:

- Koch Advanced Nitrogen[®] fertiliser gave a 6% increase in yield compared to ammonium nitrate when averaged across all treatments.
- At 40kg N/Ha, Koch Advanced Nitrogen[®] fertiliser gave a 20% increase in yield compared to ammonium nitrate.
- High nitrogen content of Koch Advanced Nitrogen[®] fertiliser means 33% less product is required to supply equal nitrogen compared to ammonium nitrate.

KAN WORKS. KAN SPREADS. KAN SAVES

K α N[®]
Powered by AGROTAIN

bunnfertiliser.com 01603 709500



BUNN[®]

LOCAL KNOWLEDGE.
GLOBAL TECHNOLOGY.

AGROTAIN[®] is a registered trademark of Koch Agronomic Services, LLC used under licence by Bunn Fertiliser Limited. KAN[®] is a registered trademark of Koch Fertilizer Trading Sarl. Koch Advanced Nitrogen[®] is a registered trademark of Koch Industries, Inc. BUNN[®] and the Bunn Logo is a registered trademark of Bunn Fertiliser Limited. © 2015 Bunn Fertiliser Limited.