



Efficie-N-t 28 trials in winter wheat in 2010

- Objective: To measure the effect of use enhanced efficiency nitrogen fertiliser at flag leaf stage on grain yield and quality in winter wheat.
- Protocol

Treatment	16th February	6th May	16th June
1	300kg CAN	200kg CAN	150kg CAN
2	300kg CAN	200kg CAN	25 kg Efficie-N-t 28





Efficie-N-t 28 trials in winter wheat in 2010

- Results

Treatment	Top dressing 16th June /ha	Equivalent amount N (kg)	Yield (kg)	Protein %
1	150 kg CAN	40.5	10,179	10.6
2	25 kg Efficie-N-t 28	7	10,509	10.9

- Conclusion
- 7kg of N from Efficie-N-t 28 v 40kg
- from calcium ammonium nitrate - gave improvements in :
- Yield +330kg/ha
- Protein +0.3%



Efficie-N-t 28 trials in winter wheat in 2011

- Objective: To measure the effect of use of enhanced efficiency nitrogen fertiliser at flag leaf stage on grain yield and quality in winter wheat.
- Protocol:

Treatment	22nd February	22nd April	6th May	12th May	6th June
1 + micro-nutrient seed dressing	400kg CAN		200kg CAN		150kg CAN
2	400kg CAN		200kg CAN		150kg CAN
3	400kg CAN		200kg CAN	25kg Efficie-N-t 28	
4	400kg CAN	25kg EfficieN-t 28	25kg Efficie-N-t 28	25kg Efficie-N-t 28	25kg Efficie-N-t 28



Efficie-N-t 28 trials in winter wheat in 2011

- Results:

Treatment	Moisture (%)	Gross yield (kg)	Net yield (kg) dried and cleaned
1	25.6	10,960	9,781
2	28.5	10,945	9,584
3	28.9	11,615	10,121
4	27.8	10,850	9,573

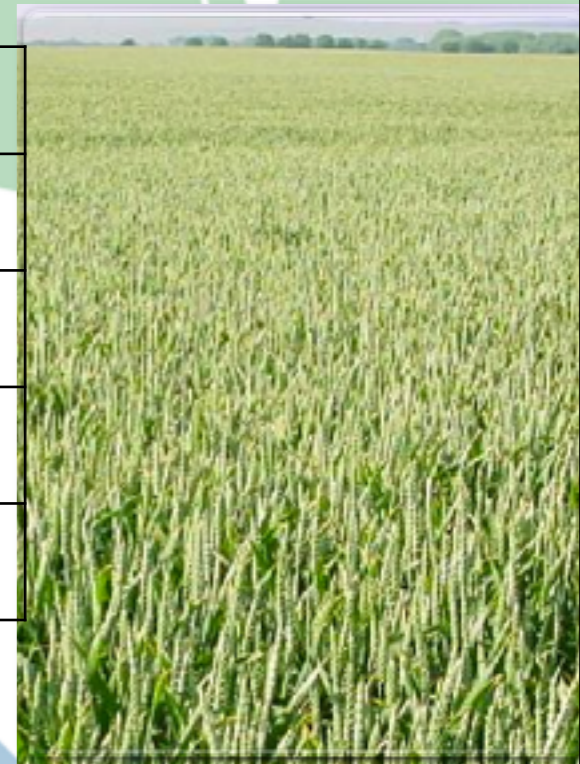




Efficie-N-t 28 trials in winter wheat in 2011

- Results:

Treatment	1000 grain weight	Hagberg
1	43.1	231.3
2	43.1	221.5
3	45.9	251.8
4	44.9	245.5





Efficie-N-t 28 trials in winter wheat in 2010 and 2011

- **Conclusions:**

- 7kg of N from Efficie-N-t 28 v 40kg from CAN - gave improvements in :
- Yield +530kg/ha
- Grain quality
- Protein +1%
- 1000 grain weight +2.8
- Hagberg level +30.3