



SPLIT NITROGEN FERTILIZATION AND IN ROW APPLICATION IN THE POTATO CROP

Ir. Veerle De Blauwer (Inagro – Belgium)

Problem and how to deal with it?

❑ Problem

- ❑ Residual soil nitrate after potato harvest often too high
- ❑ Cause:
 - ❑ Poorly developed root system
 - ❑ Nitrogen efficiency of potatoes is rather low

❑ Solutions

- ❑ Split nitrogen fertilization
- ❑ In row application



Results trials

- ❑ Split nitrogen fertilization
 - ❑ Trials for 5 years on several fields
 - ❑ Positive results
 - ❑ Especially after application of organic manure or at deviant weather conditions
- ❑ In row application
 - ❑ Trials in 2012
 - ❑ Sometimes clearly positive and sometimes little or no added value

