

Nitrogen supply for winter oilseed rape

Problem

Modern varieties of winter rapeseed require a lot of nitrogen in early spring. In cool, moist and dry soils, the N mineralisation can be inhibited, which leads to an insufficient N supply and yield losses.

Solution

Fast releasing fertilizer application in autumn and spring can perfectly complement the basic fertilisation (applied via crop rotation and manure before sowing) and prevent a lack of nitrogen in spring.

Outcome

Optimal fertilisation ensures that the current rapeseed varieties and reach their full yield potential.

Applicability box

Theme

Nutrient supply

Geographical coverage

Areas with winter oilseed rape cultivation

Application time

From middle of February (start of growth) until beginning of May (beginning of flowering)

Required time

1-2 applications.

Period of impact

In the winter rapeseed crop

Equipment

Dribble hose, fertilizer spreader

Best in

In case of insufficient N supply

Practical recommendation

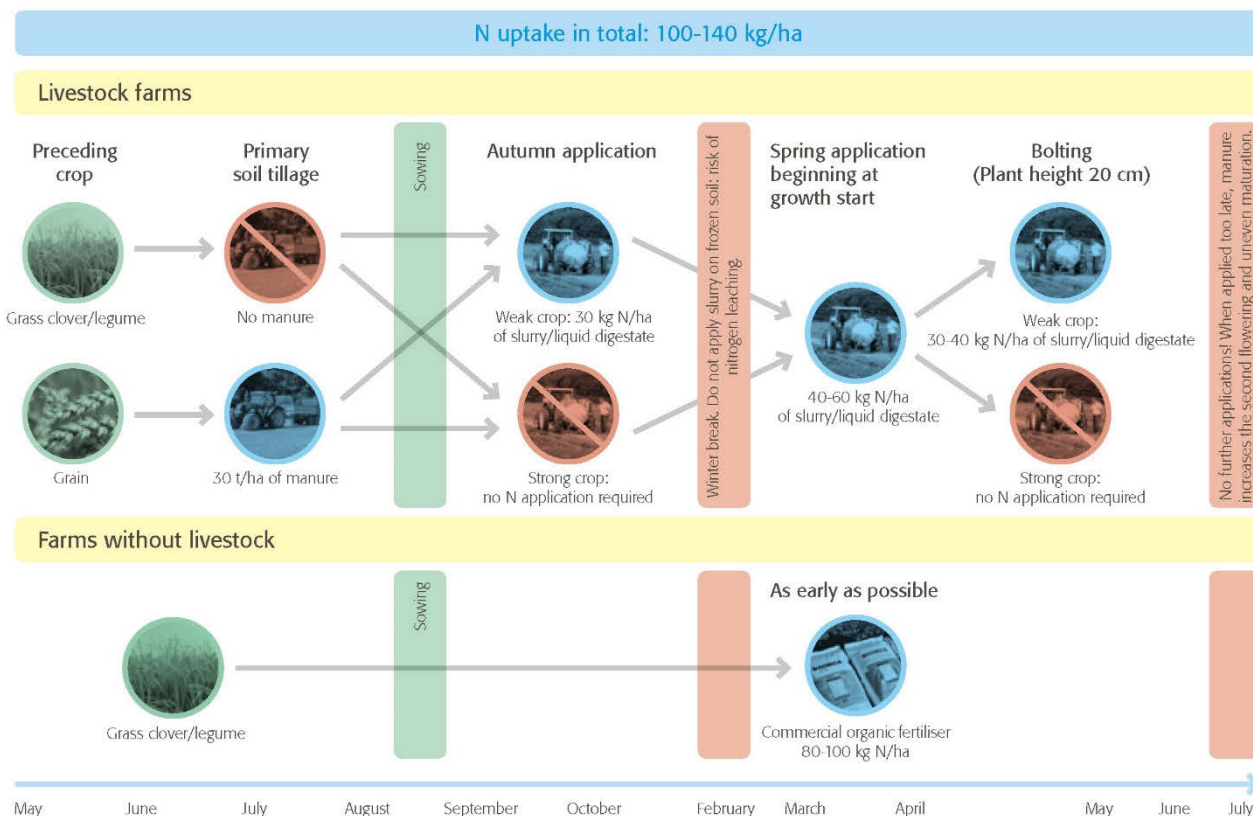


Figure 1: Nitrogen uptake and nitrogen input on farms with and without livestock.