

CROP ROTATION PLAN AT ROSENDALS GARDEN, STOCKHOLM

A project is under way at Rosendals Garden to find new crops, experiment with new cooking methods that are as tasty as they are nourishing and develop gardening systems that generate maximum positive climate impact. One of those systems involves a seven year crop rotation plan for a 2000 m² area divided into seven plots.

Ley is the engine of the system, and we expect three harvests of the ley mixture consisting of different grasses, alfalfa, red and white clover. The autumn sowing is a mix of rye and wheat. And we reckon the pre-fertilisation effect of the three-year-old ley will be sufficient for a good cereal harvest.

The spring sowing of legumes could be combined with fall legume crops on different parts of the field. These legumes are primarily for human consumption. Fibre in this context refers to textile fibre, which may take different proportions depending on how the legumes are processed and consumed.



| | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | YEAR 7 | YEAR 8 |
|--------|---|---|---|---|---|---|---|---|
| PLOT 1 | Ley 1 | Ley 2 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 |
| PLOT 2 | Ley 2 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 |
| PLOT 3 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 | Ley 3 fall tillage |
| PLOT 4 | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 | Ley 3 fall tillage | Winter cereals |
| PLOT 5 | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre |
| PLOT 6 | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed |
| PLOT 7 | Spring cereal with undersown legumes and grasses | Ley 1 | Ley 2 | Ley 3 fall tillage | Winter cereals | Spring-sown legumes and fibre | Vegetables and fall-sown rapeseed | Spring cereal with undersown legumes and grasses |
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Photos Gustav Gerdes (cover); Rosendals Trädgård (p. 2)

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