

PRODUCTION GUIDE

RED CLOVER

(*Trifolium pratense*)

Sowing conditions:

Soil:	all soils with a good moisture holding capacity	
Sowing time:	Autumn:	in open land; August, September
	Spring:	under spring cereal (barley); March
Sowing depth:	1 cm	
Row distance:	17 cm	
Seeding rate:	7-8 kg/ha	
Number of harvest years:	1 (sometimes 2)	

Fertilization:

In normal soils before ploughing:

-Nitrogen: 0

-Phosphor: 100 to 120 units/ha

-Potassium: 120 to 150 units/ha

Protection after sowing:

-Slugs: Protection: MESUROL

-Beetles: Protection: alphamethrine: FASTAC: 0,3 L/Ha
deltamethrine: DECIS: 0,25 L/Ha

Irrigation:

In periods of dryness, it is advised to irrigate as it leads to a better production.

Weed control:

Apply Benfluraline: BONALAN: 5 L/Ha before sowing.

When necessary, spray:

2,4 mcpb: TROPOTONE: 1,5 L/H with

bentazone: BASAGRAN: 1,5 L/Ha during stage 2 to 3 leaves

OR:

bentazone: BASAGRAN 2,5 L/Ha during stage 2 to 3 leaves

Control of ray-grass, fescue, cereals, etc.

Apply Carbetamide: LEGURAME PM: 3 kg/Ha during winter time (dec./jan)

OR:

quizalofop-ethyl-isomere D: TARGA D + oil: 0,5L/Ha in springtime

OR:

sethoxidine: FERVINAL: 1,5 L/Ha in springtime

Pre-crop or Ensilage

From April 15 to May 15

Insect control

The principal parasite insect of red clover is the APION. It is very important to control this parasite by spraying:

PARATHION - 400 gr. of active ingredient/ha: 1 application during the green bud stage (June 10th)
1 application 15 days later, just before flowering

bifenthrine: TALSTAR: 0,2 L/Ha OR
phosalone: ZOLONE: 2L/Ha 1 application at the beginning of flowering

Disease Control

SCLEROTINIA:

When the months September and October are wet months apply:

CARBENDAZIME 500 gr. of active ingredient/ha 1 application at the end of October
1 application 1 month later

Fungicides are NOT effective in spring.

In areas with a high risk of Sclerotinia use:

- procymidone: SUMISCLEX: 1,5 L/Ha
- OR
- vinchlozoline: RONILAN: 1,5 L/Ha
- OR
- iprodione: ROVRAL: 1,5L/Ha

Harvest

Date: When 80 to 90% of the pods are dark

Before direct harvesting spray diquat + oil, REGLONE 2 (2,0 L/Ha dissolved in 500 L of water/Ha).
The harvest should take place four to five days after spraying.

After harvest: spread out the seeds on a wooden or cement floor in a layer of 15 cm at the most.
Ventilate during at least 7 days.

Remark: immediate pre-cleaning is necessary.

PLEASE NOTE THAT ALL INFORMATION IS BASED ON FRENCH CONDITIONS.