

Description of the main S&T results/foregrounds

Key result no 21: Genotypes for European climatic zones

Workpackage: WP6

Legend

*Can be grown but not ideally adapted for the climatic zone.

** Varieties are adapted for this zone but some problems may arise in certain years.

*** Varieties are adapted for this zone and will perform well in most years.

	Mediterranean	Continental	Maritime
Spring Peas	***	***	***
Winter Peas	***		**
Spring Beans		***	***
Winter Beans	**		***
Chickpeas	**		
Grass Pea	**	*	
Spring white Lupin	*	**	*
White winter Lupin	*		**

Figure 51 - Summary of suitability of species within climatic zones based upon Legato trial series 2015-2016

The potential impact and the main dissemination activities and exploitation of results

Spectroscopic methods for rapid seed content profiling

Table 1.

	NIR spectroscopy		NIR imaging	
	R^2	RMSECV	R^2	RMSECV
Moisture	0.93	0.37	-	-
Fiber	0.91	0.63	-	-
Proteins	0.97	0.53	0.93	0.95
Fat	0.98	0.26	0.94	0.39
Antioxidant	-	-	0.81	1652
Total phenolic content	-	-	0.9	35.65
Arabinose	-	-	0.8	0.2

Project logo

