

Minor crops: Beans

Why grow faba beans?

- · Suited to the Irish climate and soils
- High yielding under Irish conditions
- · Excellent break crop
- Nitrogen fixation (reduces the fertiliser N demand of the following crop in rotation)
- · Improve soil characteristics
- · Valuable native protein source



Challenges growing faba beans?





- · Perceived variability in yield
- · Limited varietal development
- · Lack of specific agronomy information
- · Limited disease/pest/weed control options





RSF (VICCI) project

- Focussed on the evaluation of recurrent selection as a method to achieve rapid re-adaptation of faba bean to the Irish agro-climate
- Aims to develop Irish-adapted ideotype combining characteristics of highyielding and improved ascochyta and/or botrytis resistance





ERA-NET (ProFaba200) project

- Focussed on developing improved Vicia faba breeding practices and varieties to drive domestic protein production in the European Union
- Irish component: screening the varietal panel for Botrytis Fabae resistant varieties











Summary	
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 Lower seed rates: Problems with weed competition 	
Lower pods on stems – not easy to harvest	
Higher seed rates:	an and a star and a star
Run the risk of lodging	The second second second
Less manageable at harvest	
35-45 seeds/m ² :	Watch out for crow damage or
Average yields 5-6t/ha	late winter and early spring
Toka ba	-11 17
Take ho	me message
 Avoid crow damage by sowing early winte ground conditions and rolling also recommended 	r (Oct) and later in spring (Feb/Mar). Good nended
 Recommend to sow at 40 seeds/m². No di 80 seeds/m² 	fference in yield between 40, 60 and
 Good establishment and management at end 	early growth stages is crucial for final



Fertiliser event

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... Car

Park

Teagasc and IFJ stands Catering

Spreader demonstrations (12pm, 2pm, 4pm) **Machinery stands**



Technology Village Organic manures Fertiliser quality Fertiliser calibration Health and Safety **Carbon footprint BETTER farm**



Event app: cropsopenday.ie



