

TRITICALE

Triticale has a steady following amongst farmers who want to home-produce a cost effective wholecrop. It is a cross between wheat and rye and in trials will outperform wheat in a Take-all slot and under less intensive inputs.

BENEFITS

- » Lower inputs
- » Excellent wholecrop results
- » Use as a replacement for wheat in marginal fields
- » Improved disease resistance

QUICK GROWING TIPS

– see [Seedtech website](#) for more details

Soil type: Wide range of soils, out-performs wheat in marginal sites

Sowing period: Mid Sept-late Oct (winter);

March (spring, talk to agronomist if delayed)

Sowing rate: 150kg/ha

Diseases: Watch out for Rust, Mildew and possibly Septoria

Fertiliser: See fertiliser table above

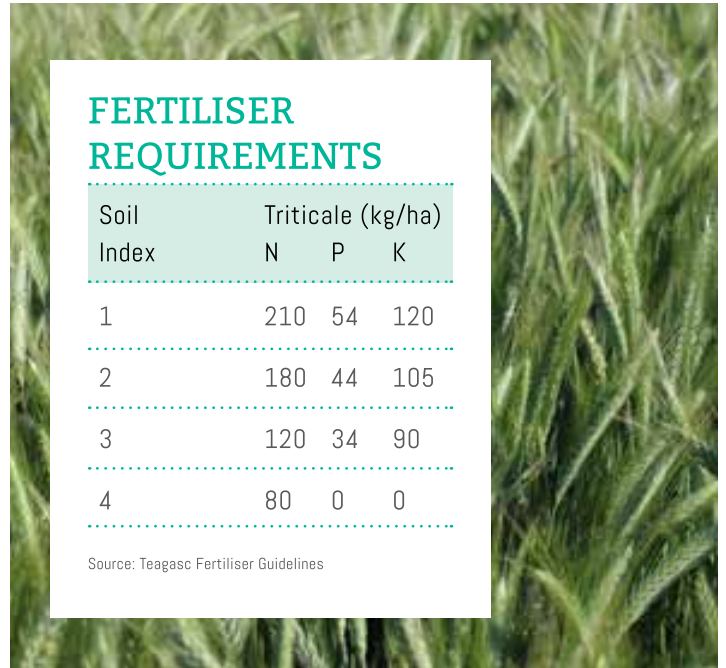
Harvesting: Harvest at milky ripe stage

Dry Matter [DM]: 30-35%

Yields: 8-10tn/ha Fresh Weight

Yield: 25-30tn/ha Energy [ME]: 10.5MJ/kg

Digestibility Value: 65DMD



FERTILISER REQUIREMENTS

Soil Index	Triticale (kg/ha)		
	N	P	K
1	210	54	120
2	180	44	105
3	120	34	90
4	80	0	0

Source: Teagasc Fertiliser Guidelines

TRITICALE VARIETIES

Variety	Type	Comment
Orval	Winter	High yield of grain and starch
Biennu	Spring	High yield potential

HYBRID RYE

Very popular amongst farmers supplying anaerobic digesters, for whole cropping and more recently for whiskey distilling.

BENEFITS

- » Hybrid Rye establishes and grows very quickly
- » Provides high DM yields
- » Input costs significantly lower than those required for winter wheat
- » Suitable as a grain or wholecrop under Irish climatic conditions

Varieties: KWS Magnifico, KWS Progas, KWS Bono

HYBRID RYE VARIETIES

Variety	Use
KWS Magnifico	Wholecrop silage & animal feed
KWS Progas	Biogas production
KWS Bono	Distilling sector

QUICK GROWING TIPS

Soil type: Light, dry, free draining

Diseases: Brown Rust, Septoria, Mildew

Fertiliser: Similar to Triticale

Sowing period: Mid-September to Mid-October

Sowing rate: 70-100kg/ha

Drill shallower than winter cereals to aid establishment

Dry Matter [DM]: 35-40% DM Yields: 13-16tn/ha

Fresh Weight Yield: 30-40tn/ha

Energy [ME]: 11MJ/kg

Digestibility Value: 65DMD

