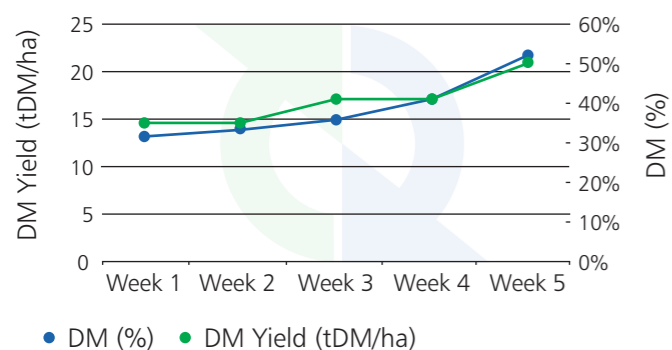


Winter Rye

Growing Costs (source Biotal: NIAB Trial 2015)

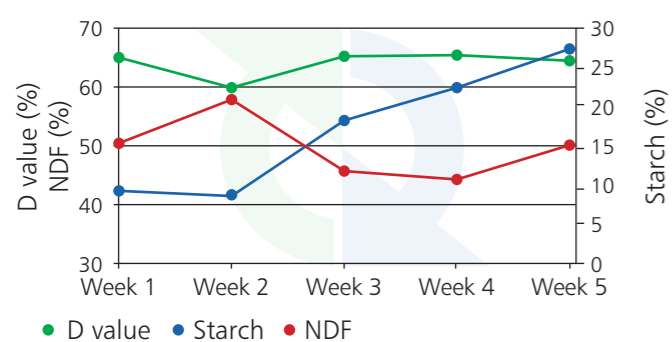
	Winter Trial	Cost/Ha	Cost/acre	Summarised Input Details. Incs NAAC costs
Inputs	Molluscicide	£10.89	£4.40	Tempt 3 Kg/Ha with drilled seed.
	Herbicides	£78.93	£31.89	Pre emergence Liberator 0.6 L/Ha
	Insecticide	£0.00	£0.00	Nil applied
	Nitrogen + Sulphur	£80.69	£32.60	Total applied Nitrogen 117 kg/ha & 30 KgS03/Ha
	PGR	£0.00	£0.00	Nil applied
	Fungicides	£127.61	£51.56	Vortex 3.0 & Ceriax 3.0 l/ha + Bravo 1 L/Ha
	Additive	£86.63	£35.00	£3.50/t @ 10t/ac
	Seed	£94.99	£38.38	KWS Progas 65 kg/acre @£698/tonne
Cultivations	Spraying	£19.01	£7.68	2 applications @ £2.56/acre
	Fertilising	£9.75	£3.94	2 applications @ £1.97/acre
	Ploughing	£63.11	£25.50	NAAC figures
	Combination Drilling	£59.40	£24.00	NAAC figures
	Cambridge Roll	£17.33	£7.00	NAAC figures
	Harvest & Ensiling	£163.35	£66.00	3 trailers, forager and buckrake
	Rent & Interest	£235.13	£95.00	Smiths Gore Farm Rents review @ £95/yr
	Total V.C's	£1,046.80	£422.95	

DM Yield vs DM%



	DM Yield (tDM/ha)	DM (%)
Week 1	14.53	31.76%
Week 2	14.55	33.89%
Week 3	17.05	35.70%
Week 4	17.17	40.50%
Week 5	20.82	52.15%

Analysis



	D value (%)	Starch (%)	NDF (%)
Week 1	64.9	9.4	50.7
Week 2	59.9	8.9	58.0
Week 3	65.3	18.5	45.7
Week 4	65.3	22.5	44.6
Week 5	64.6	27.5	50.3

Winter Rye

Week 1	Week 2	Week 3	Week 4	Week 5
Anticipated 31.76% DM 14.53 tDM/ha	Anticipated 33.89% DM 14.55 tDM/ha	Anticipated 35.70% DM 17.05 tDM/ha	Anticipated 40.50% DM 17.17 tDM/ha	Anticipated 52.15% DM 20.82 tDM/ha