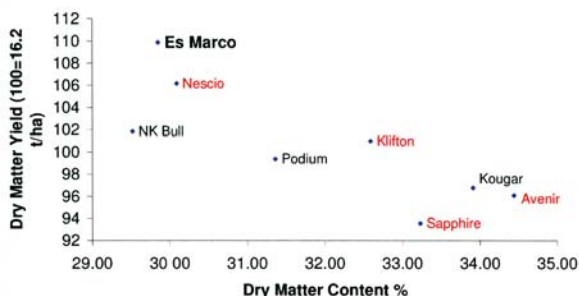


Es Marco



BIG YIELDS - POTENTIAL 2 MATURE COBS

Maizetech trials 2010 oversite analysis



In the trials we have been evaluating the incidence of double cobbing and undertaking grain counts at harvest.

Es Marco produces two cobs at 70% of locations tested in 2010 giving a normal grain count in the primary cob of 360-380 grains.

The additional grain on the second cob was on average 200 grains.

Mesuroil + Poncho treated seed allowed sowing rate to be reduced to 40,000 seeds/acre (99,000/ha).



	2009 Harvest (23.10.09)	2010 Harvest (20.10.10)
Dry Matter Yield	18.1 t/ha 111%	18.1 t/ha 116%
Dry Matter Content %	30.3	36.3
Number grains cob 1	334	366
Number grains cob 2	178	208
Cob ripeness	7	6.9

Es Marco grown under plastic

	DM	Starch	Starch YLD	D Value	Grain counts		
	%	%	t/ha		Cob 1	Cob 2	Total Grains
Es Marco	29.7	34.4	5.6	72.9	360	312	672
Es Agreement	31.6	27.3	4.9	68.3	336		336
Es Ballade	31.9	29.5	4.6	70.5	504		504
Justina	27.9	23.3	3.8	68.8	392		392

Grainseed farm trial 2010 Carlisle, Cumbria. Harvested 5th October 2010



Grainseed Ltd.

Es Marco gives growers in marginal areas the potential to increase starch yields through an increase in mature grain. Breaking through the plastic well Es Marcos' good cob ripeness drives maturity so that the required dry matter content is reached at harvest.



BIG YIELDS - POTENTIAL 2 MATURE COBS

Cob Ripeness



Very good cob ripeness for its maturity group. Potential to produce a second cob with mature grains on 70% of sites with average of an extra 208 grains on the second cob.

Maturity Group



Due to very good cob ripeness, reaches true maturity quicker than others in its maturity group. Shows very good level of maturity when grown under plastic.

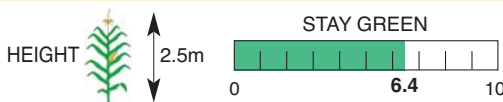
Quality & Digestibility



*NIAB predicted figures

Very high predicted whole plant digestibility. Potential to significantly increase starch or grain yields with formation of second cob.

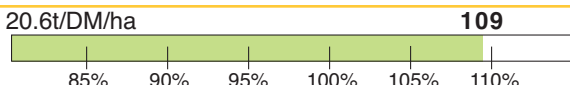
Plant Description



Very tall green plant with erect leaves.

Strong healthy plant that retains slight green leaf at harvest to increase digestibility and silage quality.

Yield



Sow at 40,000 seeds per acre (99,000 seeds per hectare) with **Mesuro plus Poncho** seed treatment or sow at 45,000 seeds per acre (111,000 seeds per hectare) with only standard Mesuro treatment.

Even on sites where only one cob is formed Marco still produced a very high yield. 110% (17.8t/ha) dry matter yield at 30% DM (Maizetech 2010 trial Lackham, Wiltshire).