



MAS 714.M

G-VERY LATE | GRAIN

NEW

THE STRONG PERFORMER



- **HIGH YIELD PERFORMANCE**
- **GREAT AGRONOMY**
Secure roots and stem
- **EXCELLENT PLANT TYPE**
Good look and balanced



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HYBRID STORY

GENETIC BACKGROUND:

- The female line brings the great voluminous plant type (good ears and balanced)
- The male brings high potential

HIGH YIELD PERFORMANCE

- Great regular yield in all kind of potential

GREAT AGRONOMY

- Secure roots and stem
- Healthy plant

EXCELLENT PLANT TYPE

- Good look and balanced with well fecondated cobs

MARKET POSITIONING

- Typical FAO 600 700 Hybrid look with a high performance and good agronomy.

TARGET COMPETITORS:

- P1921, P2088, DKC6630, DKC6728, P1574, SY ANTEX





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HYBRID DESCRIPTION

PRODUCT ID.....

Registration: 2020 expected IT
2021 expected SER,
TUR, MOR

Maturity: G VERY LATE

Use: Grain

CHARACTERISTICS.....

Plant height : Medium

Ear insertion: Medium

Type of grain : Dent

Nr of rows: 16-18

Nr of grains per row: 38-40

TKW: 355-365

Specific Weight 71 Kg / Hl

Flowering(°C) : 1050° C

Silage maturity 32% DRM: 1860 °C

Grain maturity 32% H2O: 2080 °C

AGRONOMY.....

Early vigor: 8

Stay green : 8

Drydown: 7

Helminthosporium : 8

Fusarium (plant): 8

Fusarium (ear): 8

Lodging: 9

Drought tolerance: 8

FEED VALUE.....

Energy: 8

% Starch: 8

dNDF : 8



COMPETITOR COMPARISON

	P1921	MAS714 M	DKC6728
Plant height (cm)	273	288	269
Cob height (cm)	129	147	132
Flowering (days)	+1	0	-1

POSITIONNING

	OPTIMAL SOIL	COLD SOIL	FILTER SOIL
Adaptation	++++	++++	++++

GROWING RECOMMANDATIONS

	OPTIMAL CONDITIONS	LIMITED CONDITIONS
Adaptation	++++	++++
Density (Grain)	80- 85 000 pl/Ha	75-80 000 pl/Ha
Density (Silage)	85-90000 pl/Ha	80-85000 pl/Ha

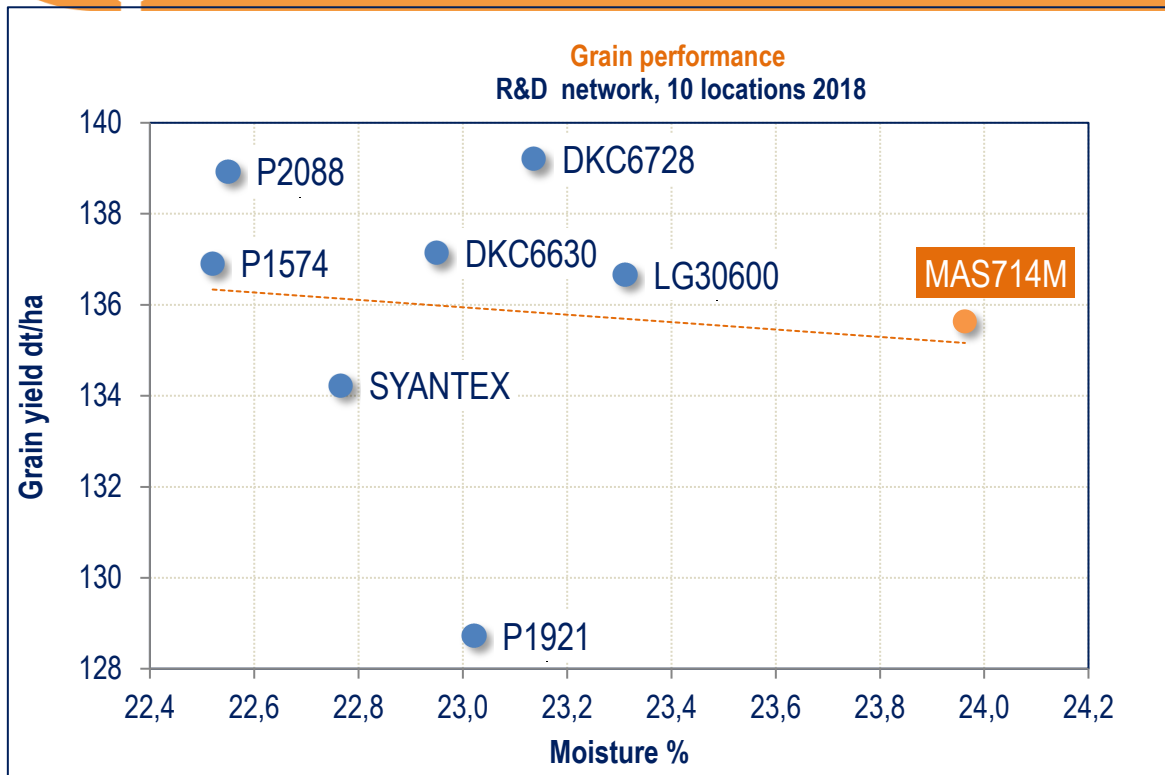
MAS714M adapted to high densities situations



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HIGH YIELD PERFORMANCE

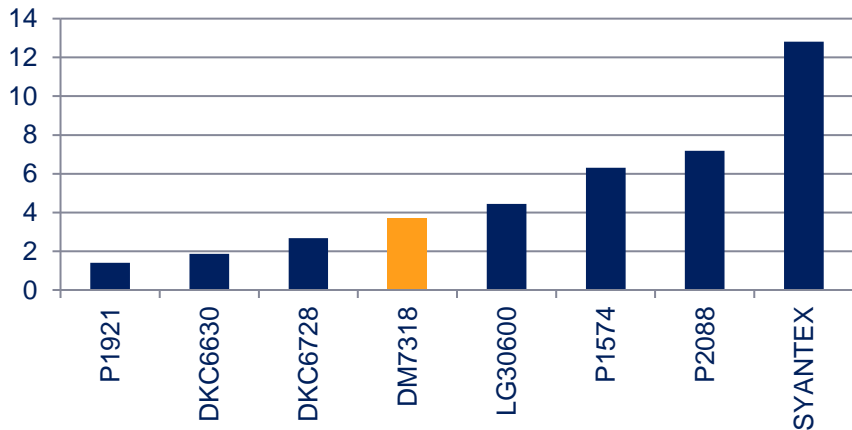


- **YIELD LEVEL**
MAS714M is at the level of the best market checks.
- **MATURITY LEVEL**
MAS714M at DKC6728 + 0,8 H₂O.

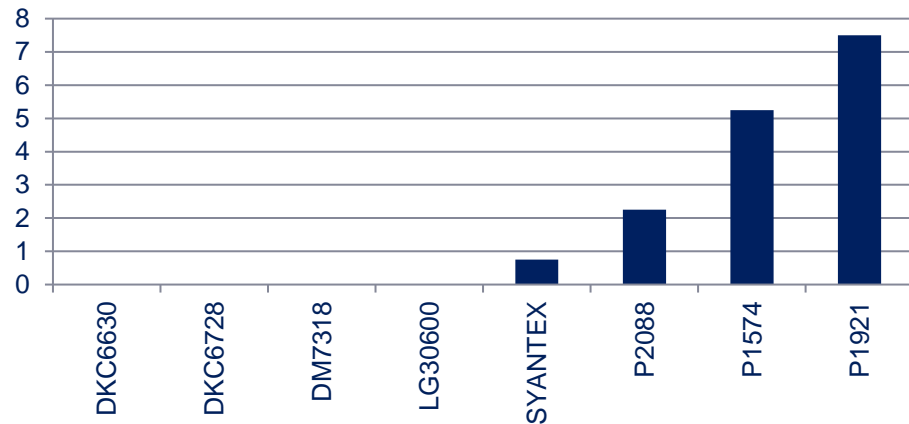




% Harvest lodging 2018 (6 locations)



% Early root lodging 2018 (2 locations)



- Very standable hybrid
- Secure plant



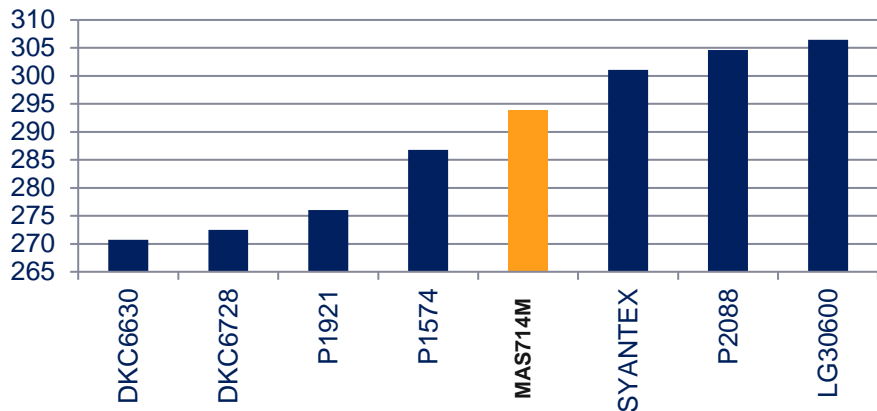


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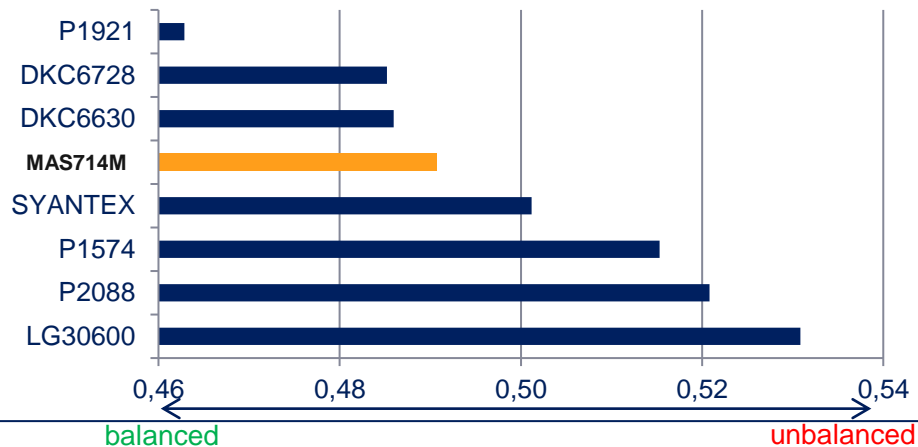
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EXCELLENT PLANT TYPE

Plant height (cm) (7 locations)



Ratio Plant height/Ear insertion (7 locations)



MAS Seeds Research & development Network 2018
Réseau Recherche & Développement MAS Seeds 2018

- Grain type look, balanced and average height





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MAS714M

ANNEX

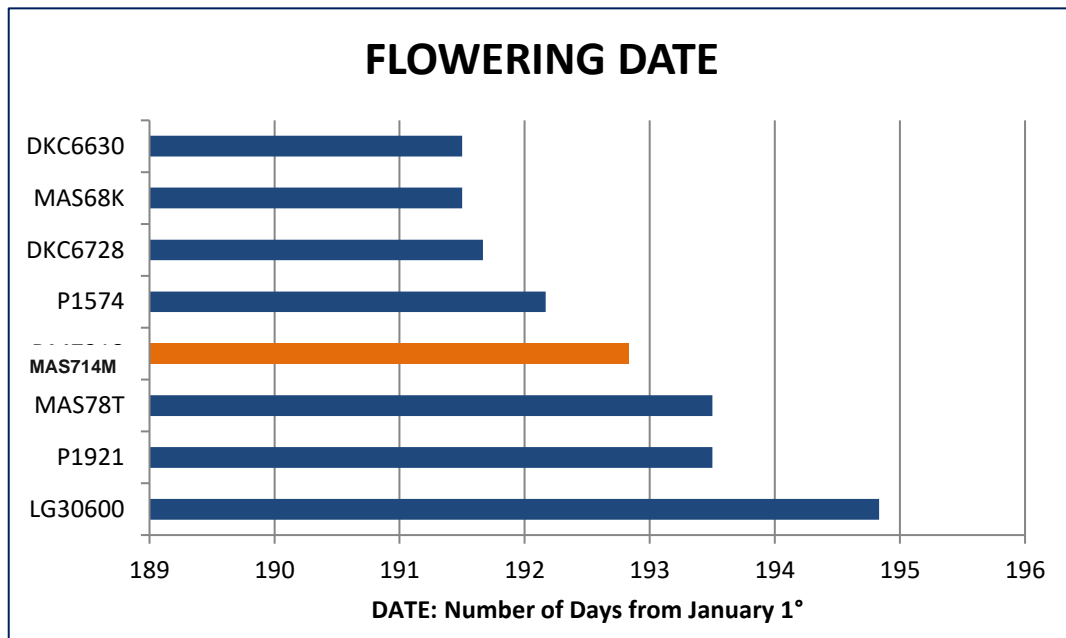




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DATE OF FLOWERING



- End of FAO 600 Flowering

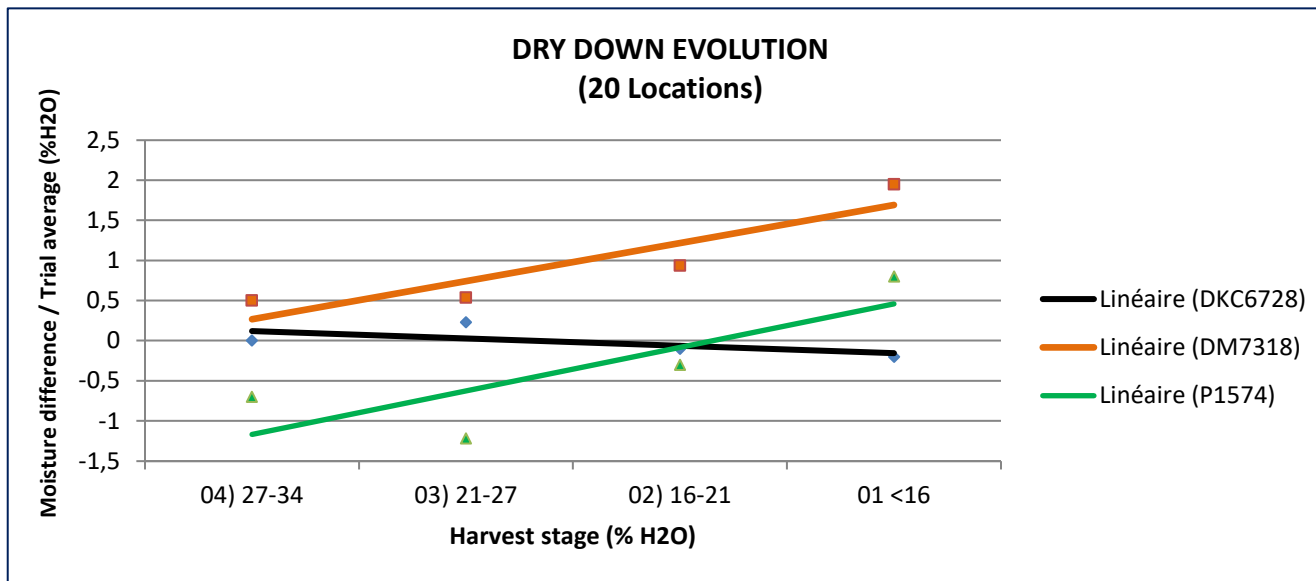




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DRY DOWN



- MAS714M: same DRY DOWN than P1574

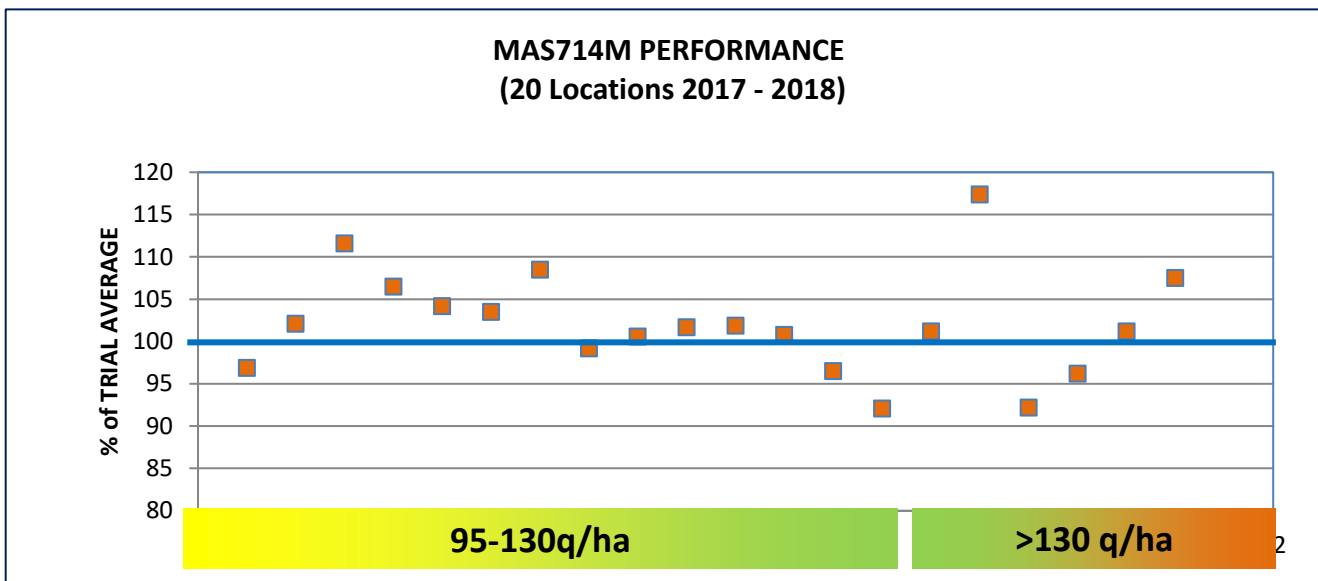




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YIELD REGULARITY



- Regularity of performance on all situations

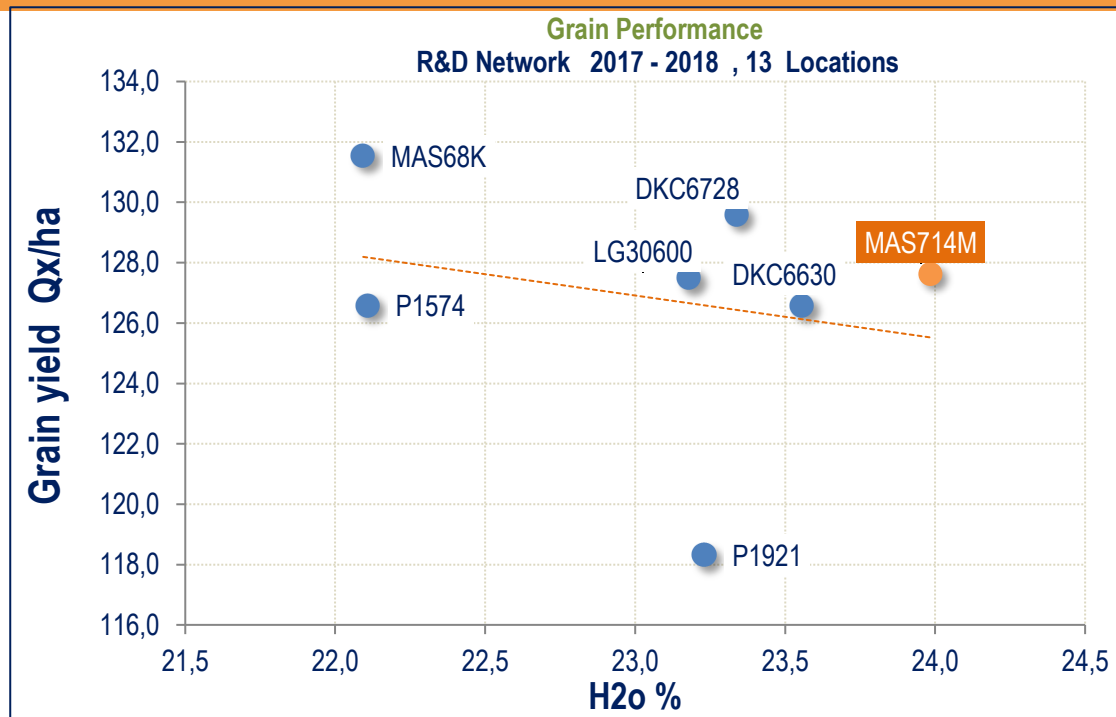




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YIELD IN ITALY



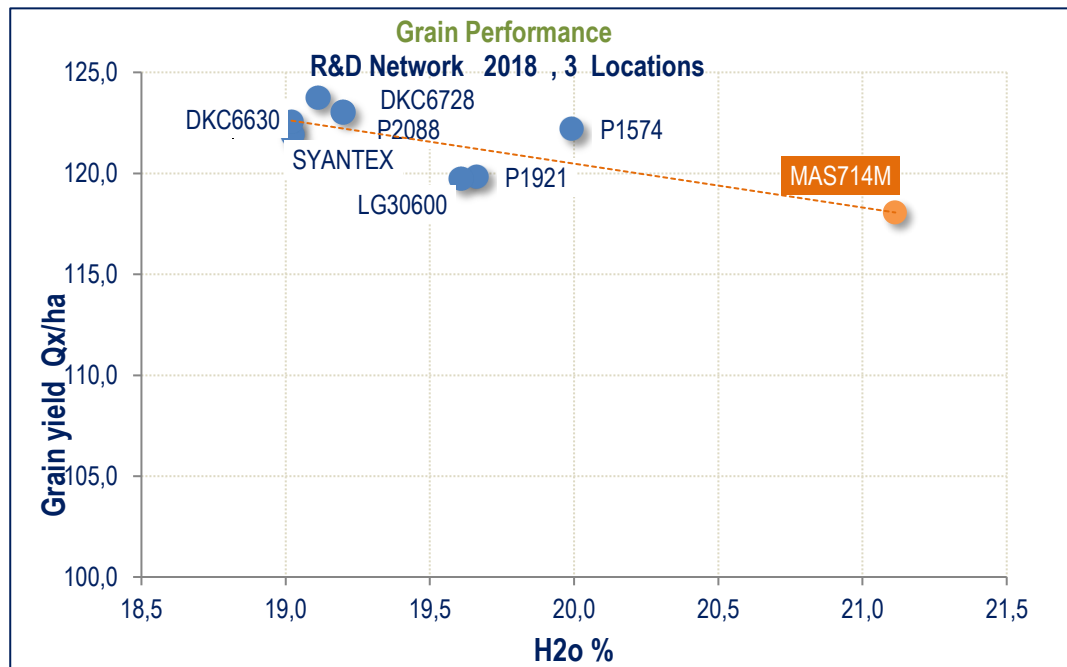
- Big level of Yield end of FAO600 market



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YIELD IN SPAIN



- MAS714M at the level of big references of FAO 600 700

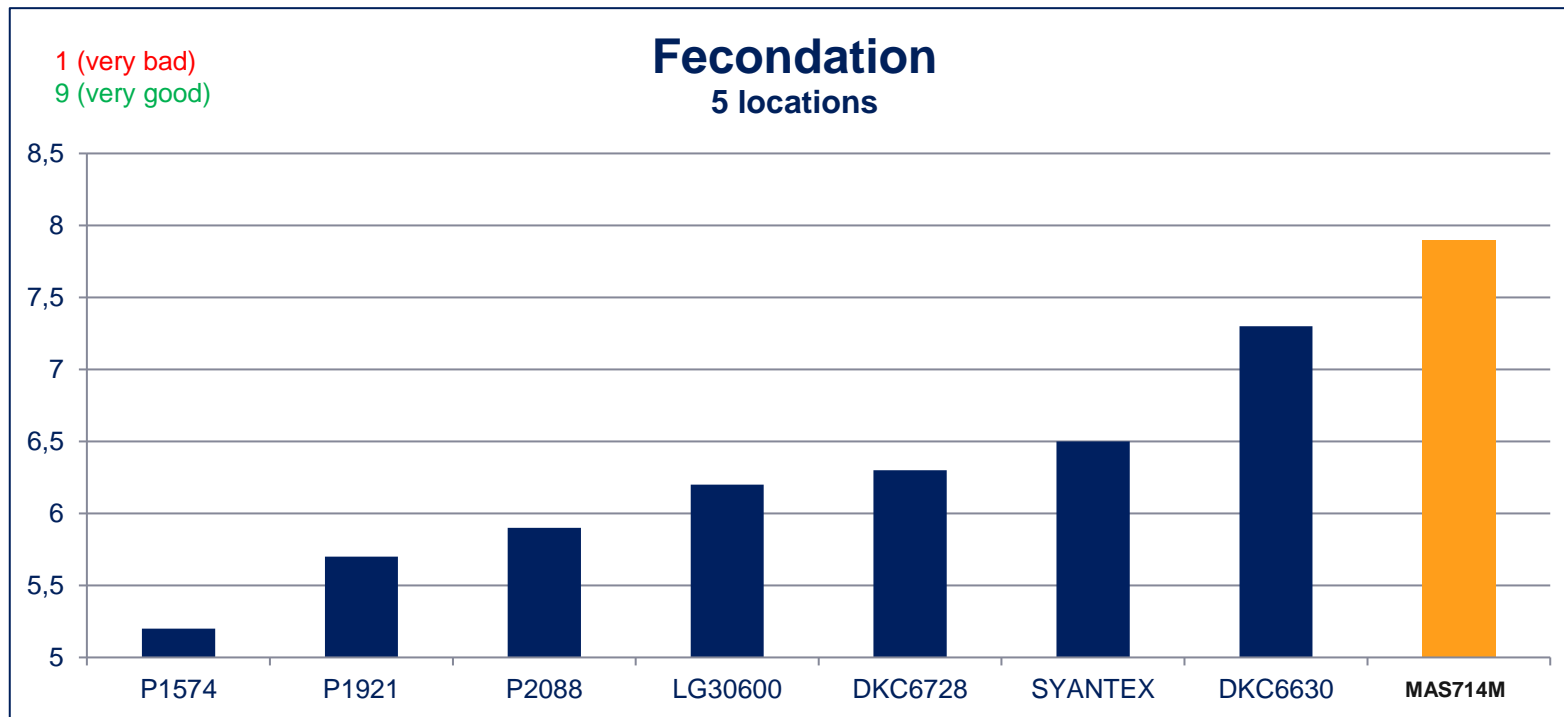




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FECONDATION

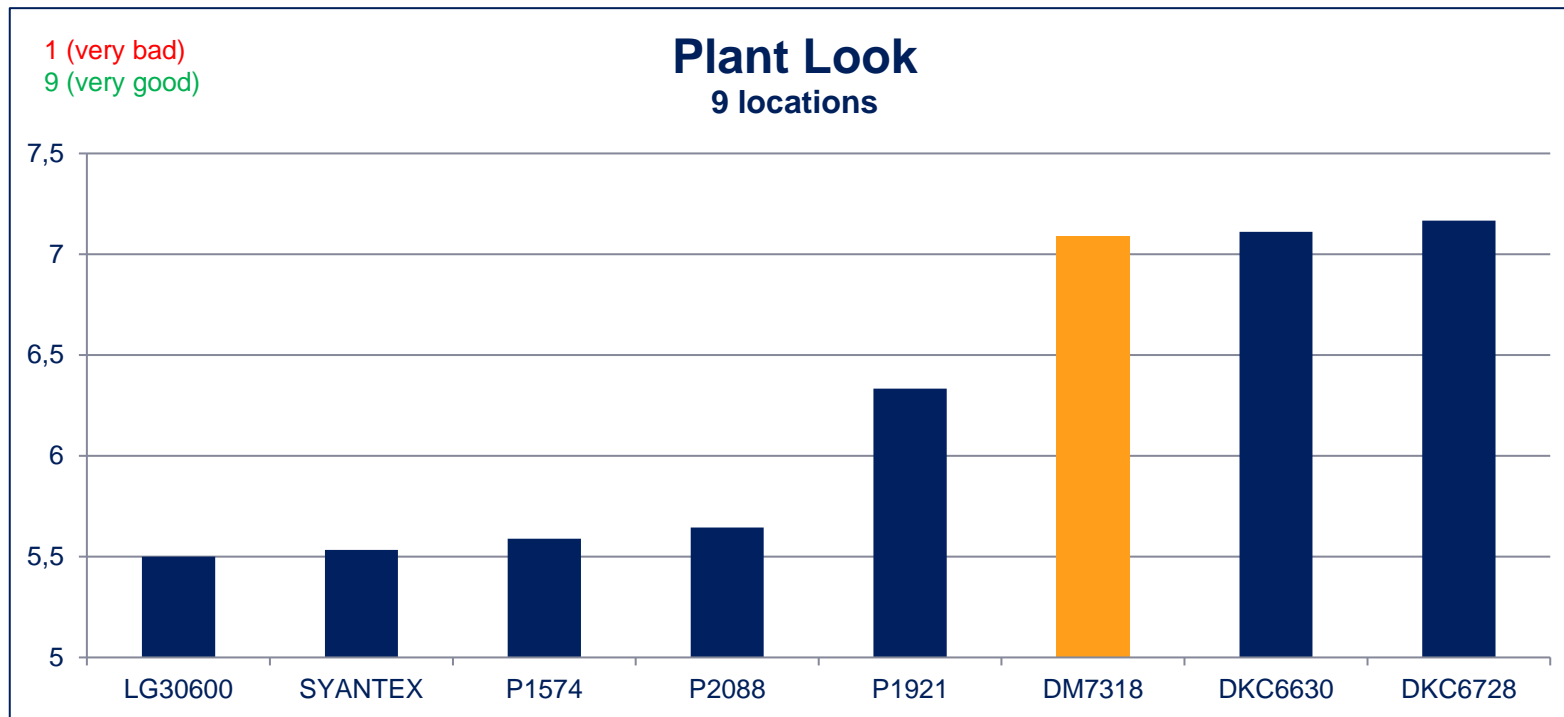




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BEAUTIFUL PLANT

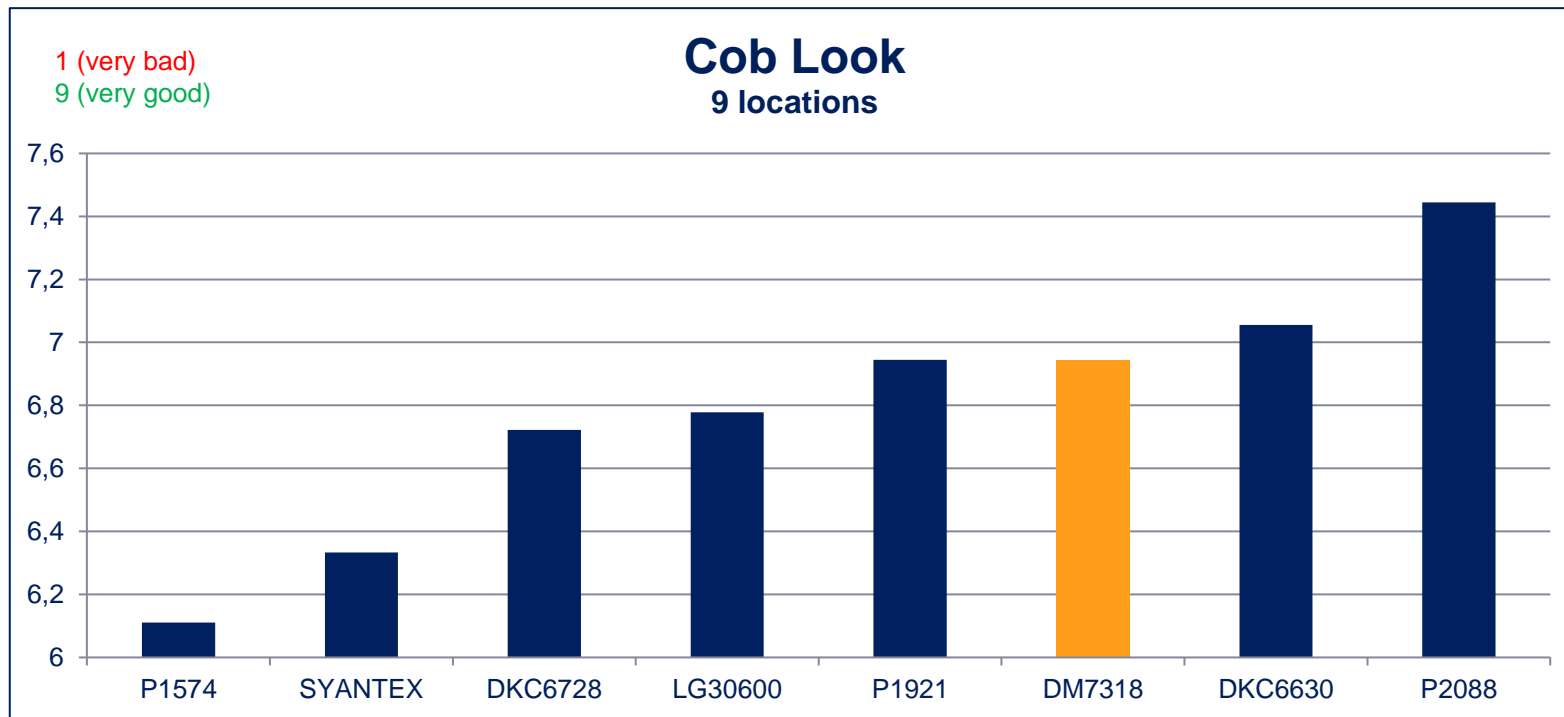




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BEAUTIFUL EAR

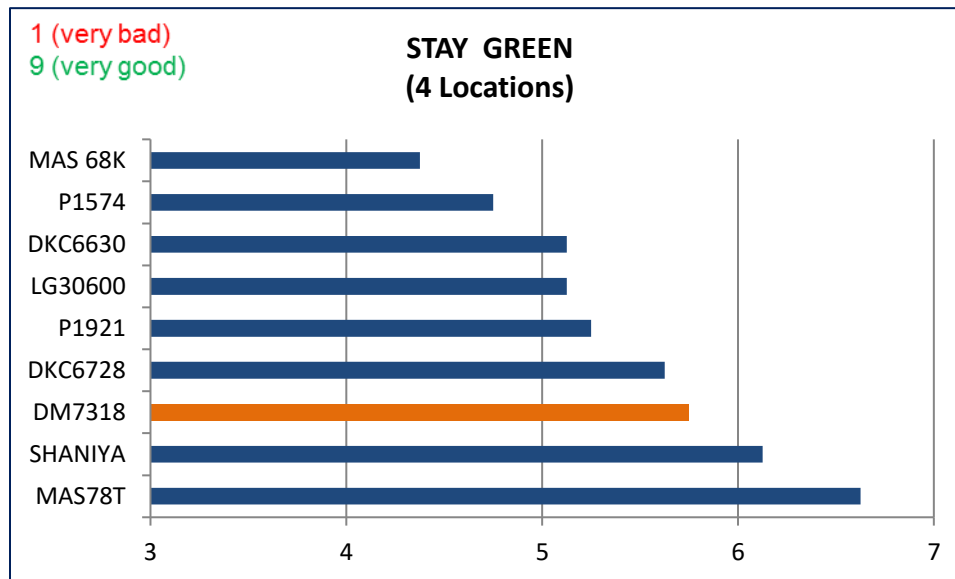




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VERY GOOD STAY GREEN



- STAY GREEN & HEALTHY variety



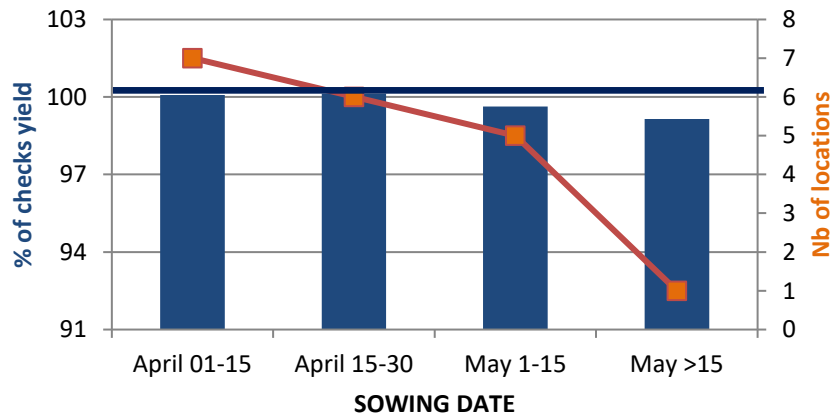


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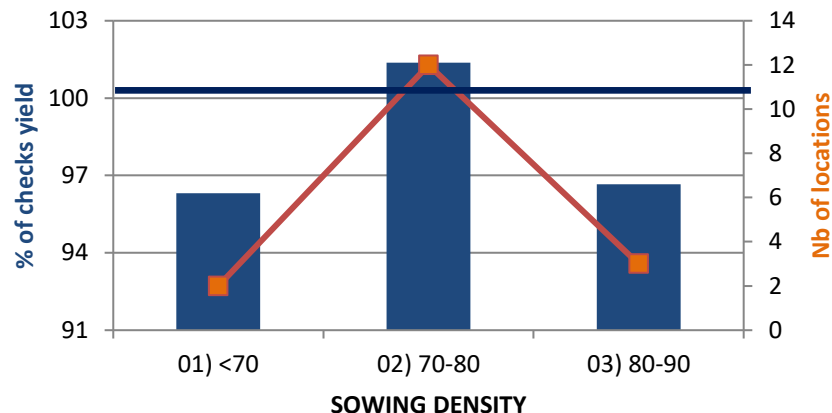
SOWING DATE & DENSITY ADAPTATION

SOWING DATE ADAPTATION



- Good performance on all type of sowing date

DENSITY ADAPTATION



- No conclusion with these figures
- MAS714M will perform on high densities situations



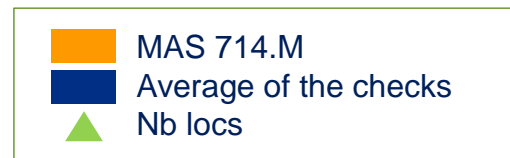
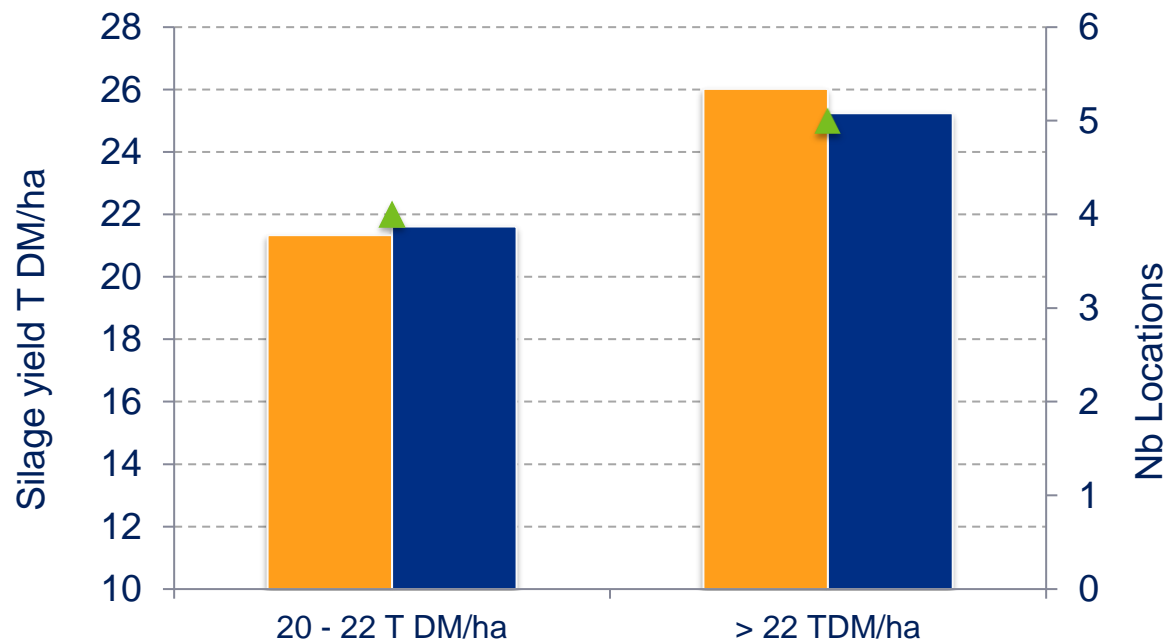


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G/H VERY LATE

YIELD LINK POTENTIAL

Silage Yield link potential



- MAS 714.M good yield in every kind of potentials
- Very good performances in high yield potential



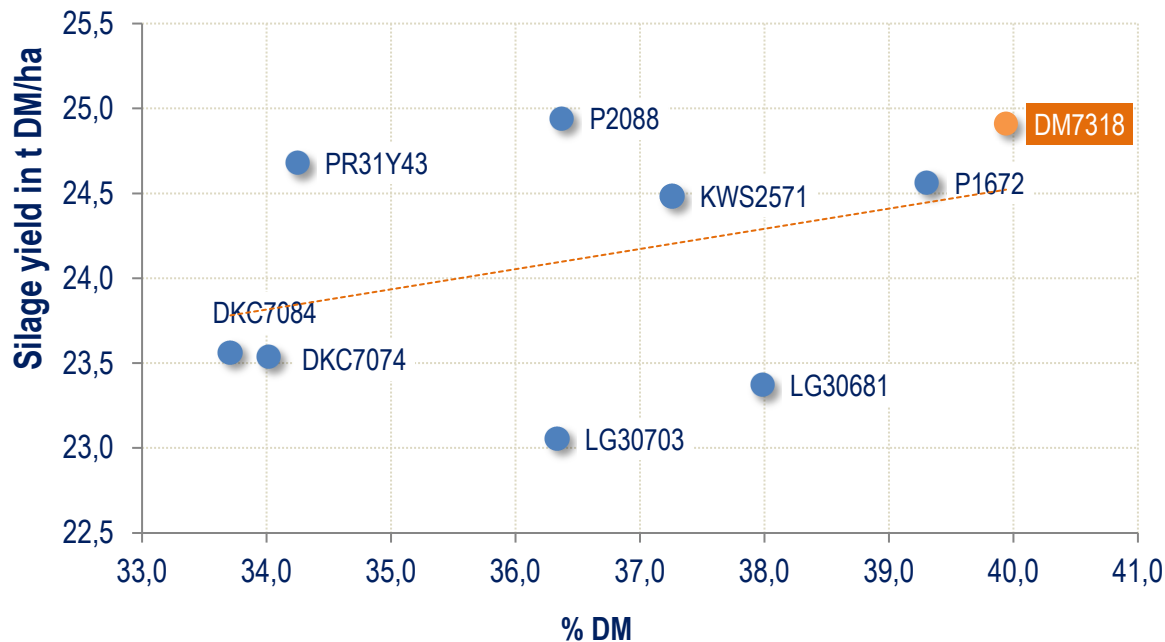
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FORAGE YIELD PERFORMANCE

Maize Silage result

MAS SEEDS R&D Network Italy 2019, 4 Locations



Excellent forage yield for MAS 714.M

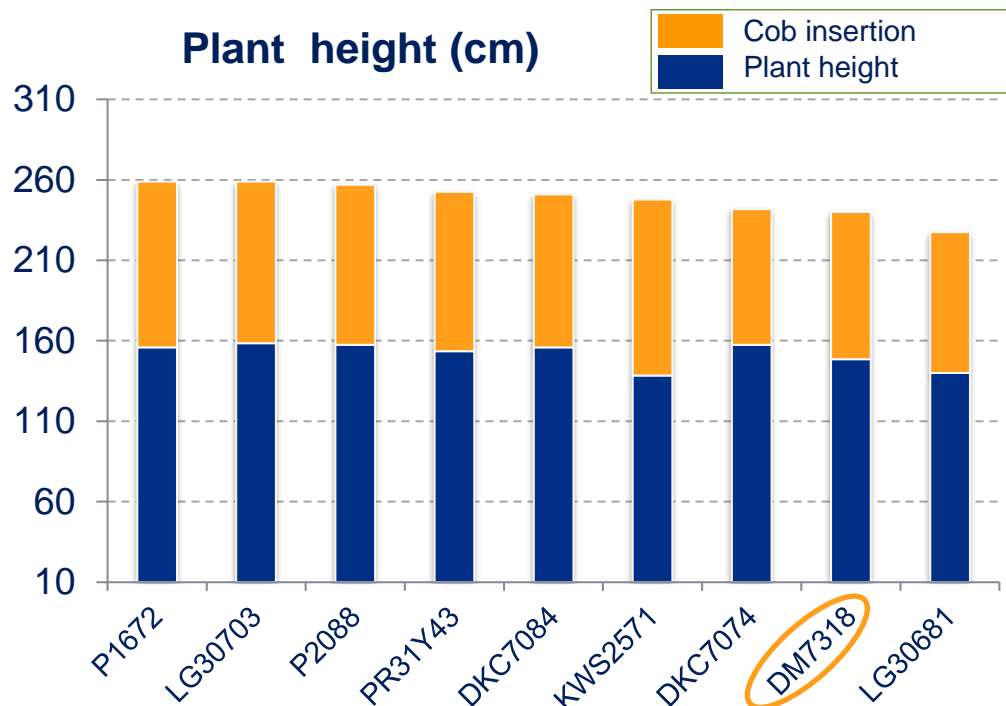
Early in its group of precocity



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PLANT STRUCTURE

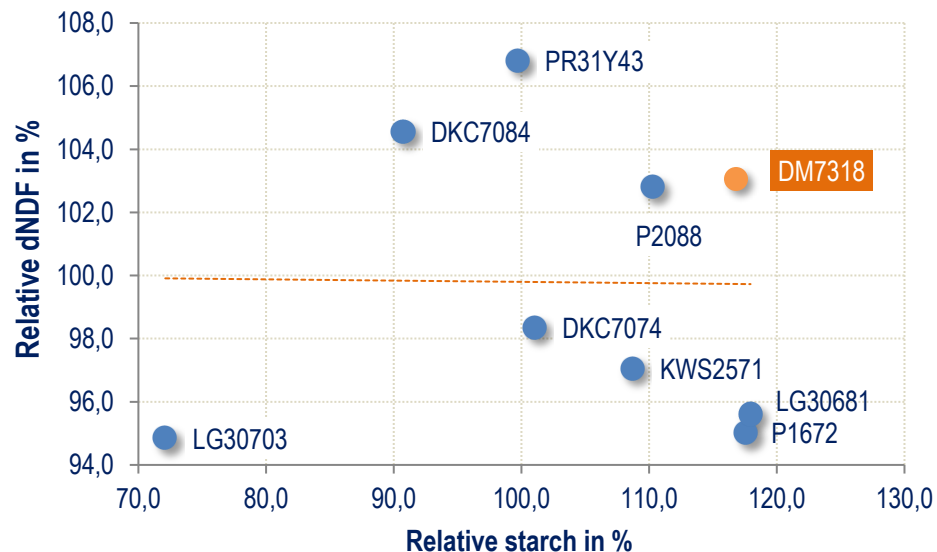




dNDF and starch

Maize Silage result

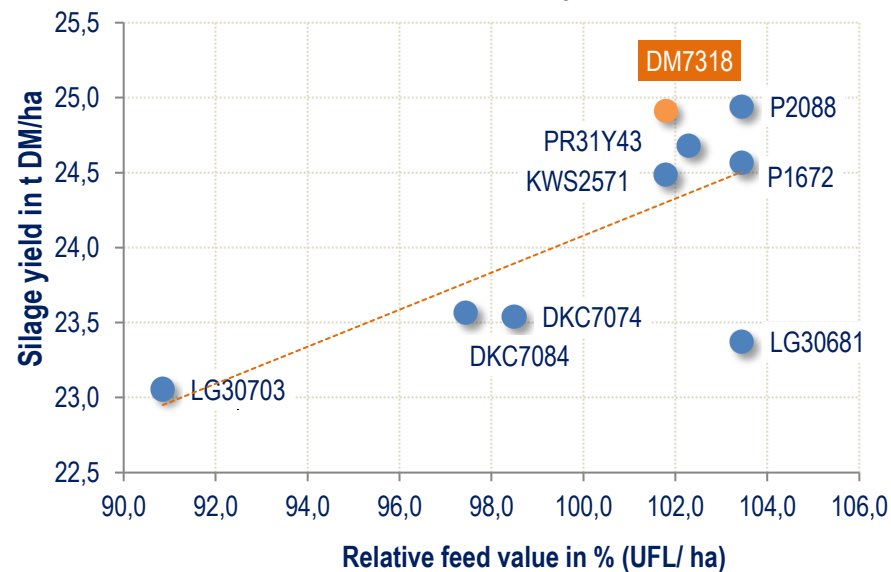
MAS SEEDS R&D Network Italy 2019, 2 Locations



Feed value

Maize Silage result

MAS SEEDS R&D Network Italy 2019, 2 Locations





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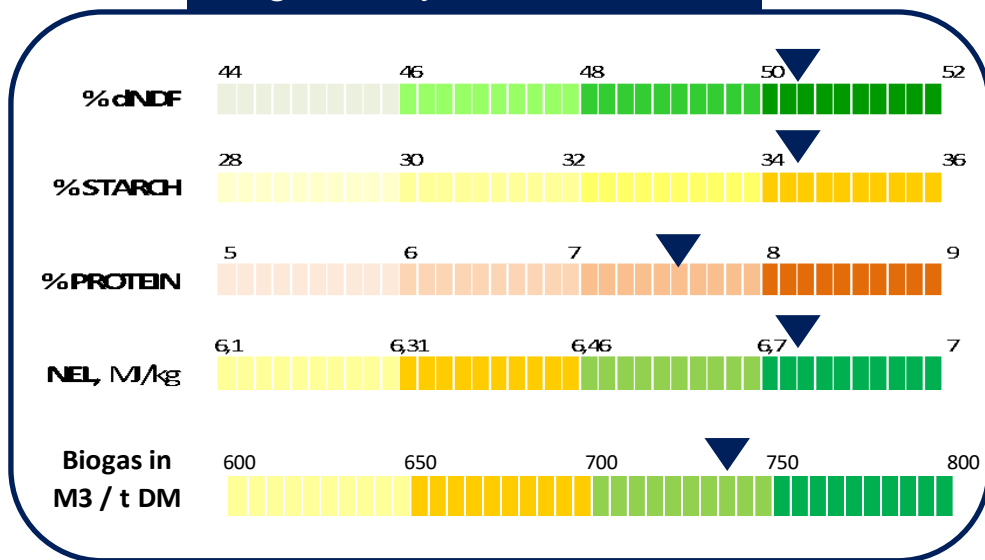
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FEED VALUE

A balanced energy

- With high starch energy when MAS XXX is harvested after 33% DM

Digestibility of MAS 714.M



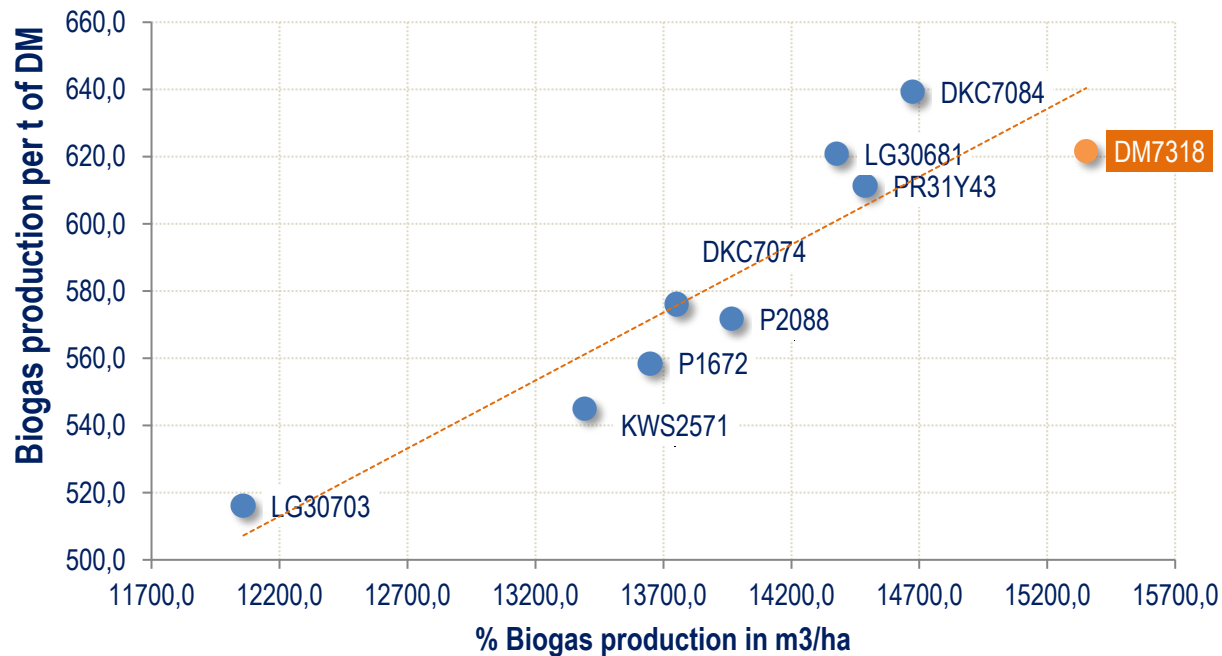


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BIOGAS RESULT

Maize Silage result
MAS SEEDS R&D Network Italy 2019, 2 Locations



High level of biogas production