



MAS 920.CP

MID-LATE | LINOLEIC CLP



“MISTER YIELD”



- **YIELDY**
To increase harvests
- **VERY YIELDY**
To fill silos
- **HELIOSMART**
To secure the yield from the sowing to the harvest



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RECOMMENDATIONS & POSITIONING

GENETIC BACKGROUND:

- Combination of a yieldy an healthy well known female wih a yieldy male very stay-green in end of cycle. Perfect expression of heterosis between these 2 elite parents.

YIELDY:

- MAS 920.CP has for main objective to increase field productions.

VERY YIELDY:

- Thanks to its kernel filling behavior to increase its TKW combines with a high ability to secure the fecundation, MAS 920.CP will succeed whitout difficulty its main objective : increase field productions

HELIOSMART:

- To maximize the yield, it's important to secure it from the sowing to the harvest. For this, sunflower has to have an excellent disease profile. HelioSMART certifies a TOP tolerance for verticilium, sclerotinia and mildew. .

MARKET POSITIONING:

- ELITE

TARGET COMPETITORS.

- SY BACARDI, ES JANIS CLP, LG5555CLP



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HYBRID DESCRIPTION

PRODUCT ID

Registration: 2021 Italy, Serbia, Ukraine
Maturity: Mid-late
Type: Linoleic CLP

CHARACTERISTICS.....

Flowering: Mid-early
Plant height: High
Head shape: Flat
Head position: Erected
TKW: 55-65 g
Oil content: 44-45 %

AGRONOMY.....

Early vigor: 8
Lodging: 9
Broomrape: E
Mildew: RM9
Phomopsis: -
Sclerotinia (head): 9
Sclerotinia (collar): 9
Verticillium: 8

1-3 sensitive | 4-6 good | 7-9 tolerant / excellent
- : no data

COMPETITOR COMPARISON

	NKNEOMA	MAS 920.CP	SYBACARDICLP
Plant height (cm)	155 (-30)	185	175 (-10)
Flowering (days)	189 (-1)	190	190
Oil content (%)	44,5	44	45
TKW (g)	42 (-15)	57	46 (-9)

GROWING RECOMMENDATIONS

	Optimal conditions	Limited conditions
ADAPTATION	++++	++++
DENSITY (pl/ha)	70-65 000	65-60 000

MAS 920.CP is the new hybrid on Clearfield Plus which is destined having a great success.

Its productivity will mark farmers who will sow it. This sunflower is able to produce lot of tons of kernels in any conditions.

MAS 920.CP is the MISTER YIELD of CLP sunflower market for next years.



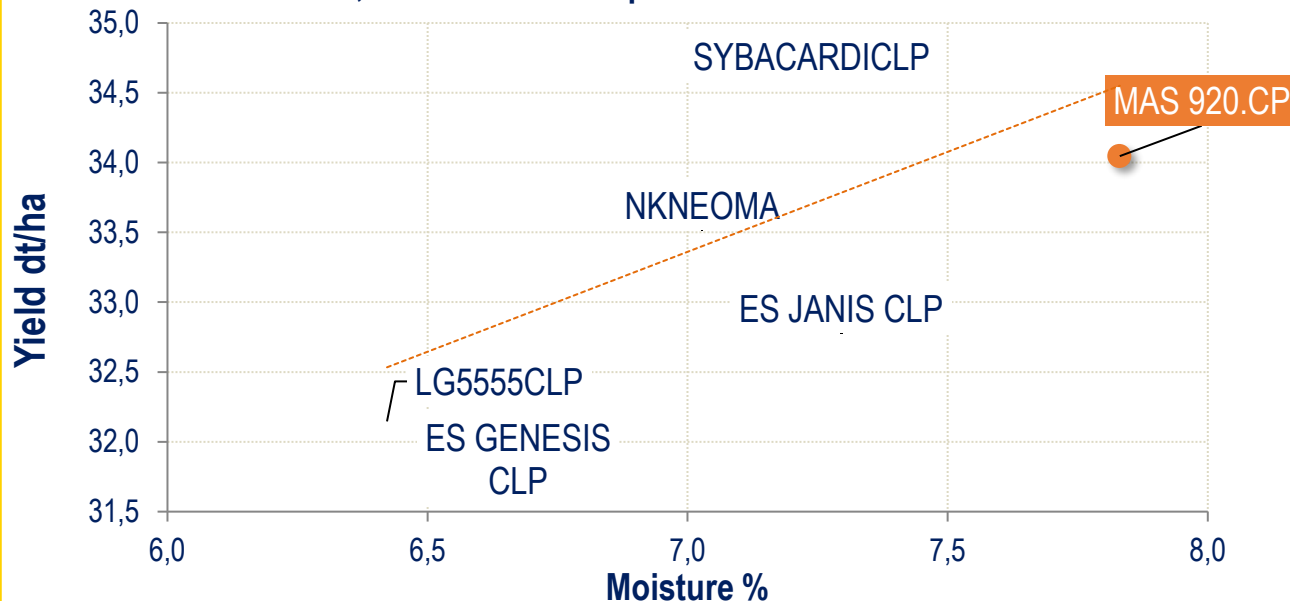
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YIELDY
Europe

Sunflower performance

R&D network, 31 locations Europe 2018-2020



In TOP 3 in R&D trials for 3 years



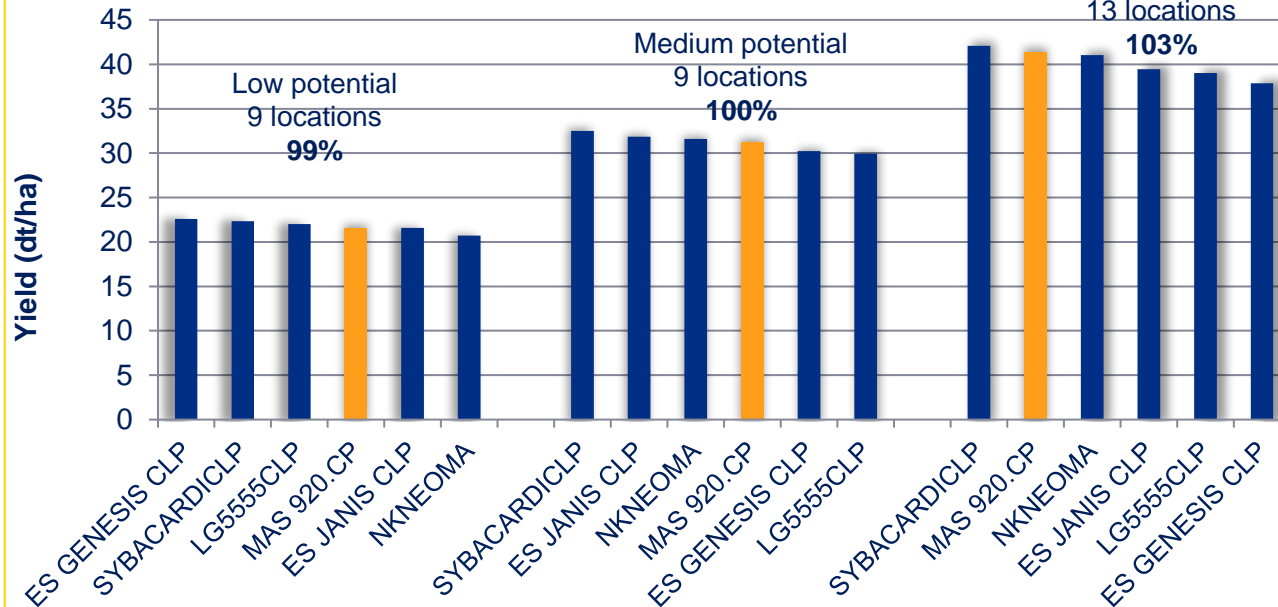
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VERY YIELDY

Productivity according to the field potential

R&D network 2018-20, 31 locations EU

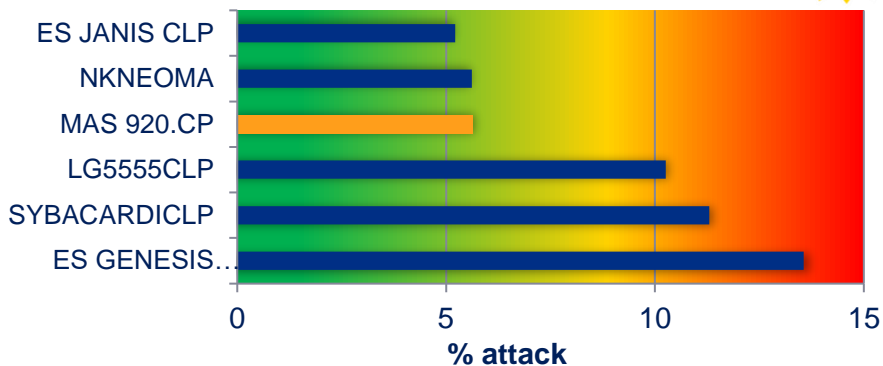


- A hybrid very adapted for all potential
- Target easily best yield potentials (5T/ha, 6T/ha)



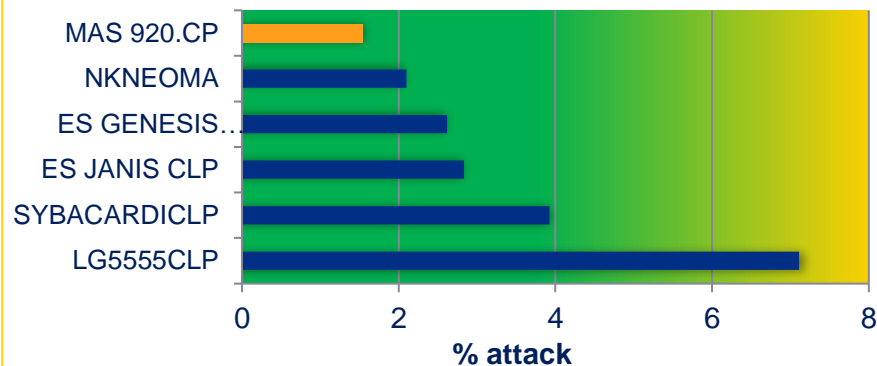
Head sclerotinia tolerance

R&D network 2018-20, 2 locations EU



Collar sclerotinia tolerance

R&D network 2018-20, 2 locations EU



● A disease profile to optimize sowing in all situations

→ Collar sclerotinia tolerance notation : 9

→ Head sclerotinia tolerance notation : 9

→ Verticilium: 8

→ Mildew profile : RM9



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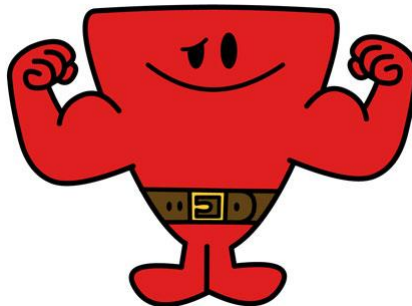
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CONCLUSION

MAS 920.CP



YIELD



YIELD



DISEASE
TOLERANCE



ANNEX



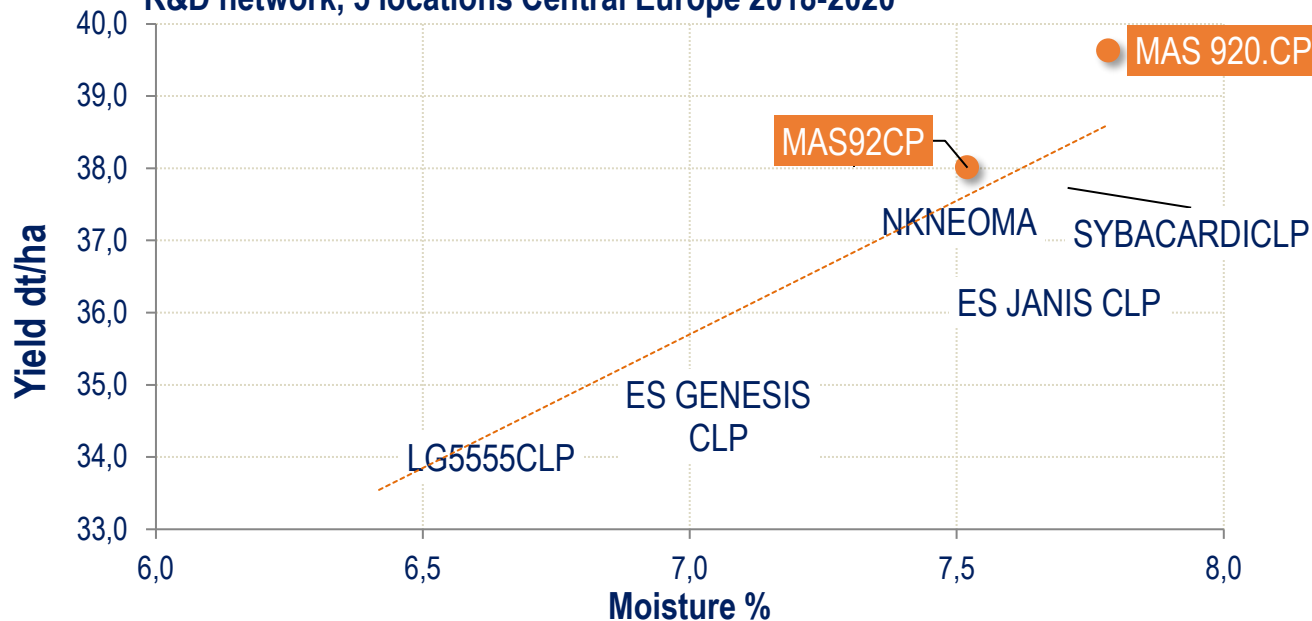
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YIELDY
Central Europe

Sunflower performance

R&D network, 5 locations Central Europe 2018-2020



● **N°1** in R&D trials for 3 years in Central Europe area (Hungary, Serbia)



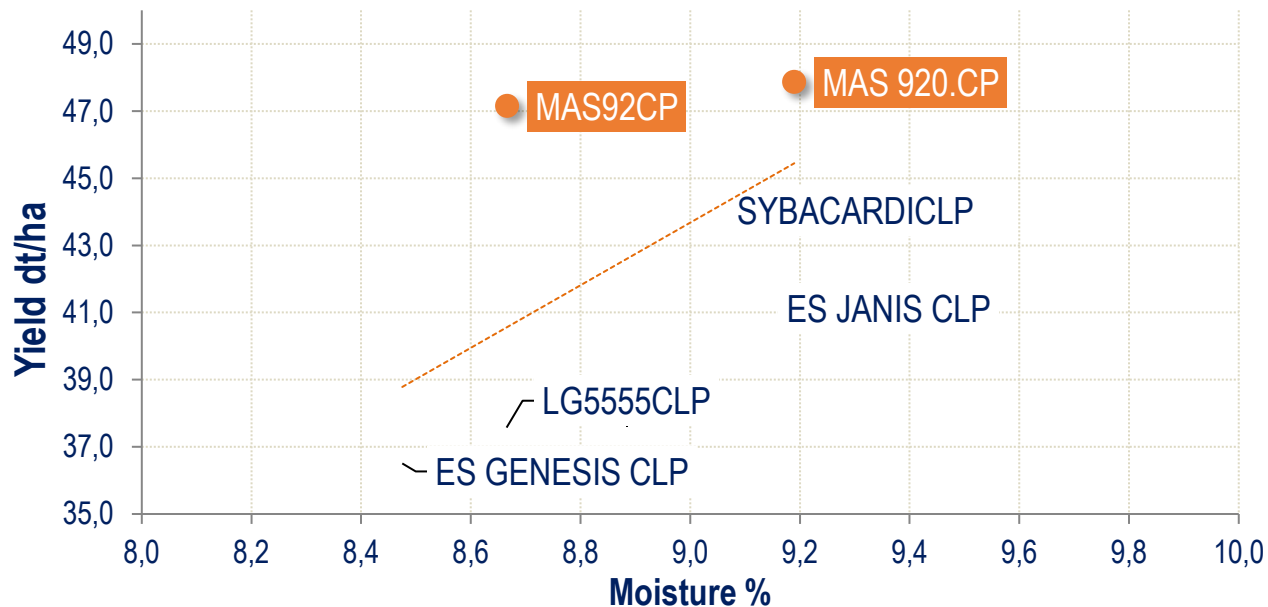
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YIELDY
Serbia

Sunflower performance

R&D network, 2 locations Serbia 2019-20



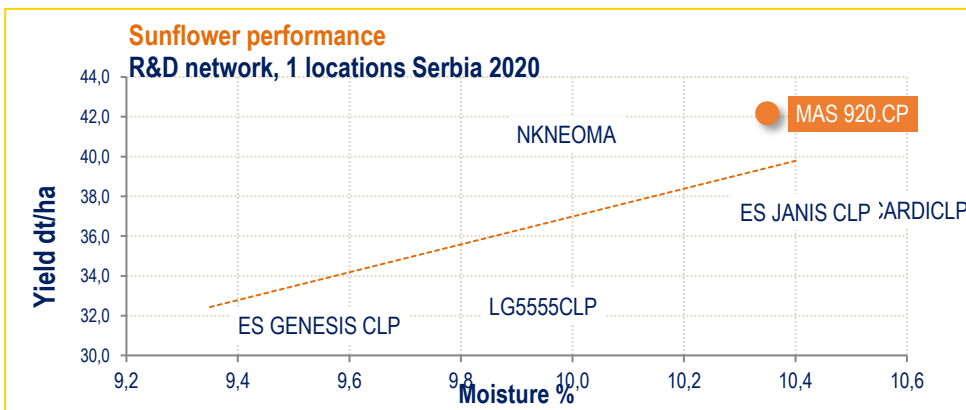
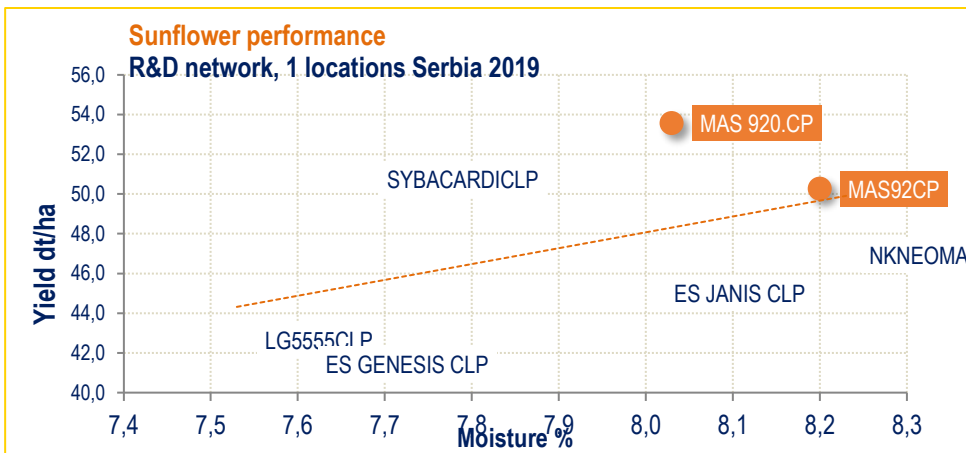
N°1 in R&D trials in Serbia for 2 years



MAS 920.CP

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YIELDY Serbia



N°1 in R&D trials in Serbia



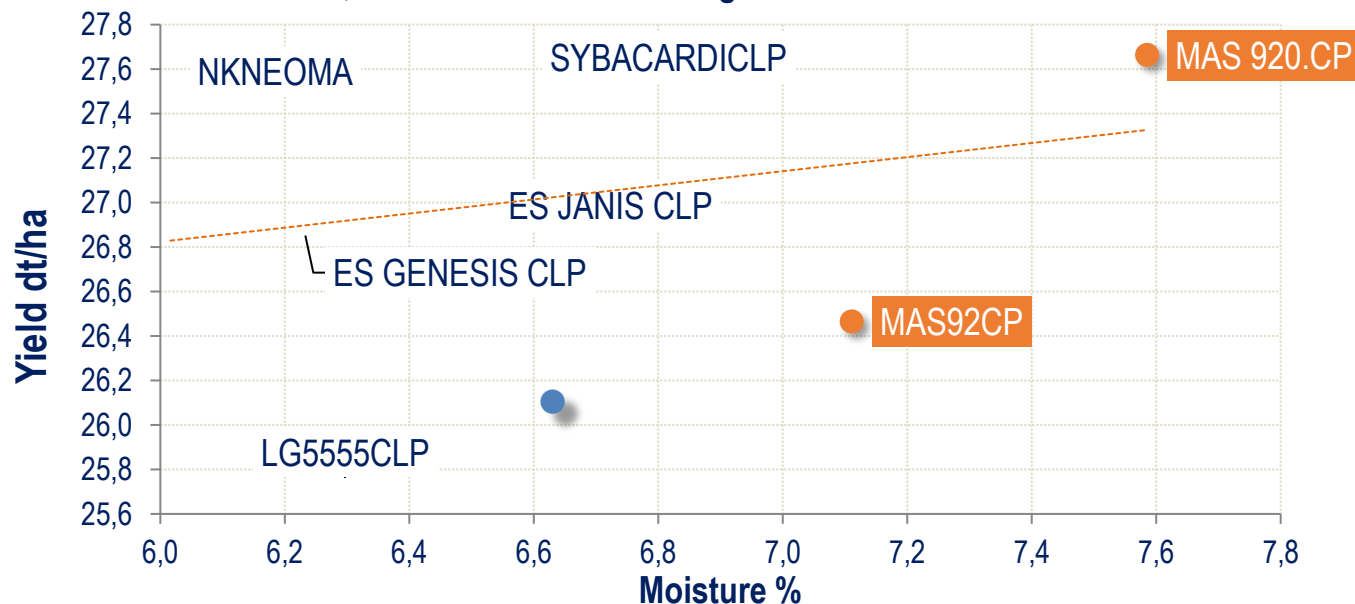
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YIELDY
Romania

Sunflower performance

R&D network, 7 locations Romania-Bulgaria 2018-2020



N°1 in R&D trials in
Romania &
Bulgaria

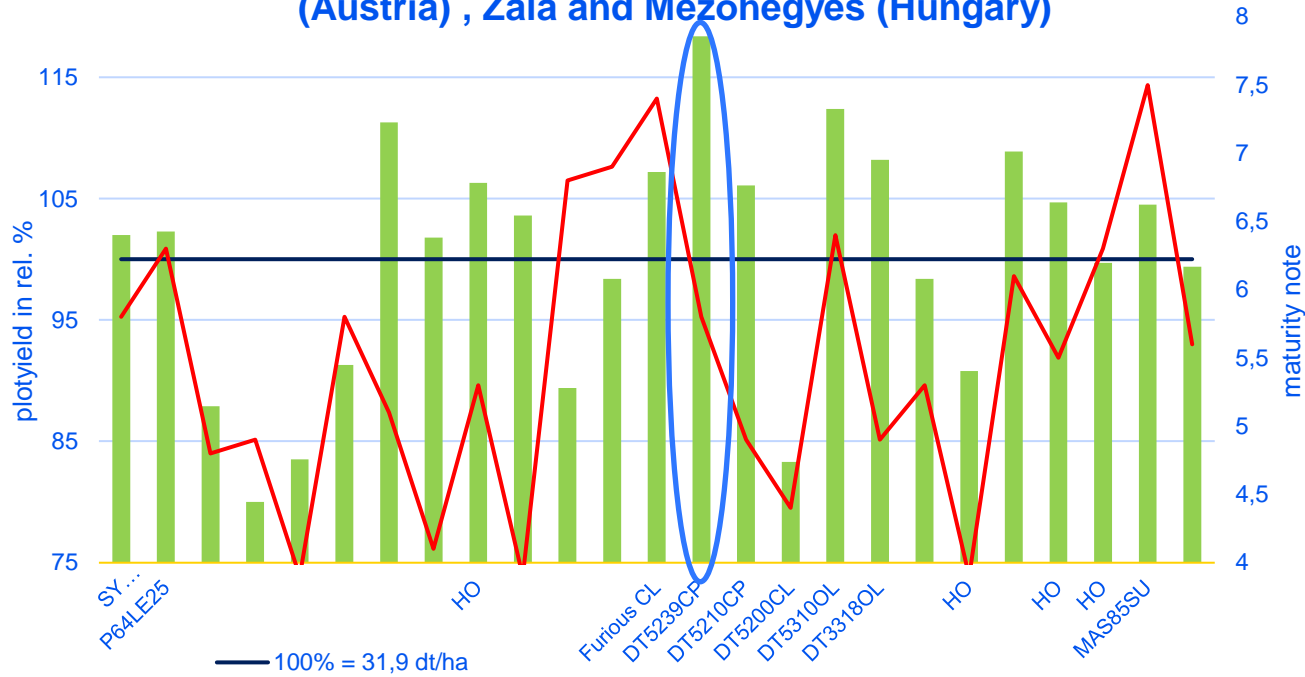


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YIELDY
RWA

sunflower trail CEE_2020 location Mistelbach, Hollabrunn (Austria) , Zala and Mezőhegyes (Hungary)



The N°1 in RWA trials in 2020



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SERBIAN REGISTRATION

	Hibridi	Prinos zrna sa 9% vlage - Grain yield with 9% moisture kg/ha							Index based on average standard %		Hibridi	Sadržaj ulja - Oil content %							Index based on average standard %
	Hybrids	Kikinda	Pančevo	Sombor	Vrbas	Zrenjanin	Novi Sad	Average				Kikinda	Pančevo	Sombor	Vrbas	Zrenjanin	Novi Sad	Average	
2019	NS Pegaz	4211	1846	4117	3754	3497		3485	94%	2019	NS Pegaz	41,70	46,10	48,30	43,80	44,10		44,80	100%
	NEOMA	4439	3049	4405	3947	3883		3945	106%		NEOMA	42,90	47,20	48,70	41,10	45,70		45,12	100%
	STANDARD AVERAGE	4325	2448	4261	3850	3690		3715	100%		STANDARD AVERAGE	42,30	46,65	48,50	42,45	44,90		44,96	100%
	MAS 920CP (MGT98273)	4643	3365	4673	4249	4075		4201	113%		MAS 920CP (MGT98273)	43,80	49,40	49,50	46,90	47,20		47,36	105%
	Average of all trials	4340	3378	4469	4023	4003		4043	109%		Average of all trials	43,86	47,75	49,26	44,24	44,65		45,97	102%
	Cv	4,42	8,38	6,53	10,69	7,13													
2020	NS Pegaz	3696	3711	3590	3169	2600	3651	3403	96%	2020	NS Pegaz	45,10	43,90	47,80	46,30	42,90	47,00	45,50	100%
	NEOMA	3885	3869	3469	4100	2519	4397	3706	104%		NEOMA	40,90	46,30	48,30	45,50	45,00	47,40	45,57	100%
	STANDARD AVERAGE	3791	3790	3530	3635	2560	4024	3555	100%		STANDARD AVERAGE	43,00	45,10	48,05	45,90	43,95	47,20	45,54	100%
	MAS 920CP (MGT98273)	3853	4116	3940	4125	2511	4861	3901	110%		MAS 920CP (MGT98273)	43,10	46,80	49,60	46,20	43,50	47,60	46,13	101%
	Average of all trials	3728	3536	3868	4009	2770	4327	3706	104%		Average of all trials	43,48	44,52	48,39	45,87	44,06	46,69	45,50	100%
	Cv	5,25	9,49	10,06	9,91	8,76	7,6												
2019-20	NS Pegaz	3954	2778	3854	3461	3049		3440	95%	2019-2020	NS Pegaz	43,40	45,00	48,05	45,05	43,50		45,18	100%
	NEOMA	4162	3459	3937	4023	3201		3815	105%		NEOMA	41,90	46,75	48,50	43,30	45,35		45,36	100%
	STANDARD AVERAGE	4058	3119	3895	3742	3125		3627	100%		STANDARD AVERAGE	42,65	45,88	48,28	44,18	44,43		45,27	100%
	MAS 920CP (MGT98273)	4248	3741	4307	4187	3293		4037	111%		MAS 920CP (MGT98273)	43,45	48,10	49,55	46,55	45,35		46,69	103%
	Average of all trials	4034	3457	4169	4016	3386		3859	106%		Average of all trials	43,67	46,14	48,82	45,06	44,36		45,71	101%
	Cv																		



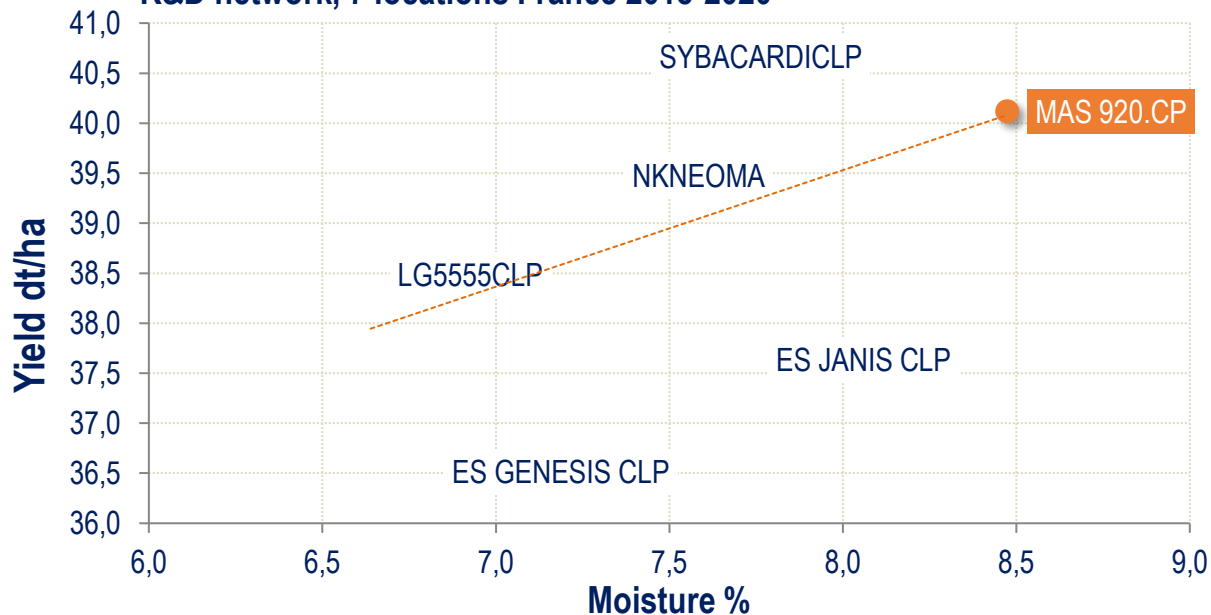
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YIELDY
France

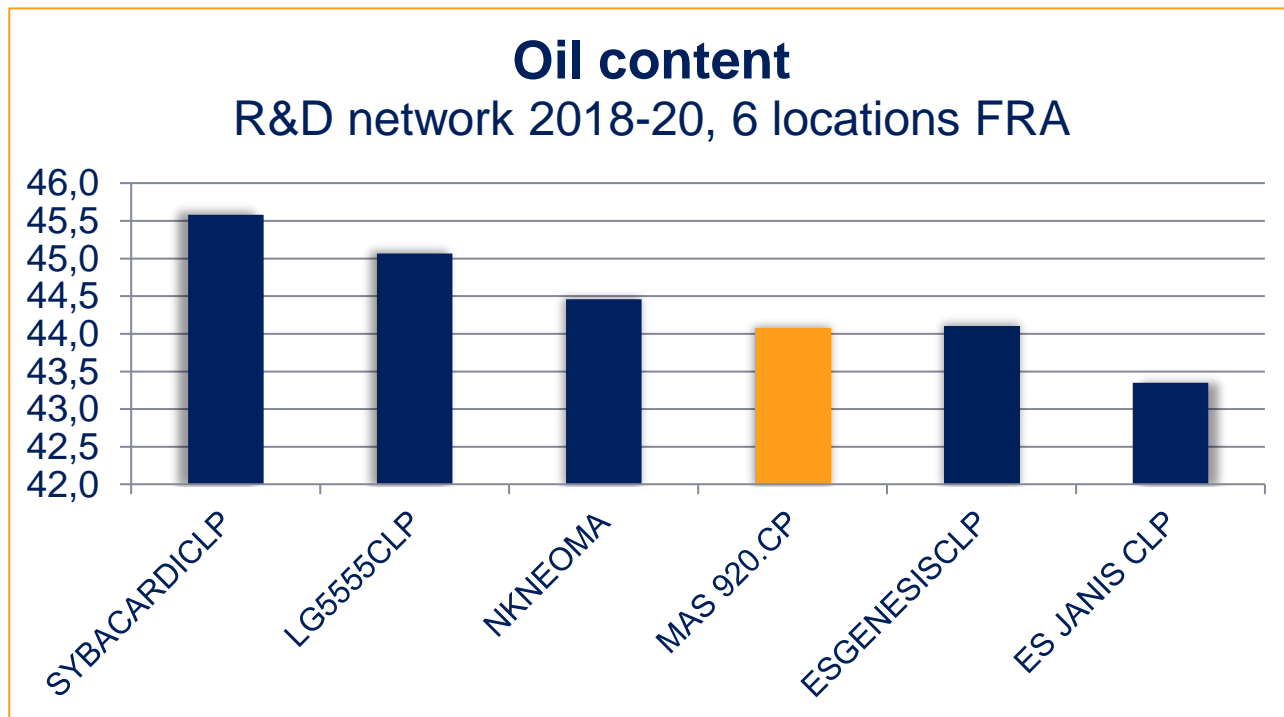
Sunflower performance



R&D network, 7 locations France 2018-2020



The N°2 in R&D network for 3 years!

Perfect to target all situations

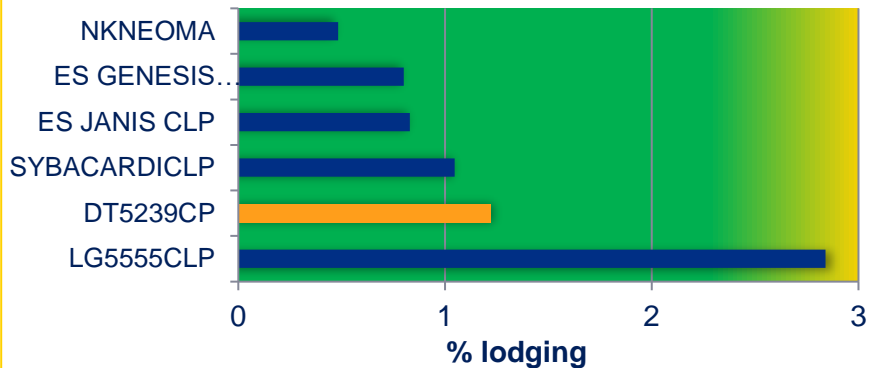


-  No oil bonus
-  At the standard market



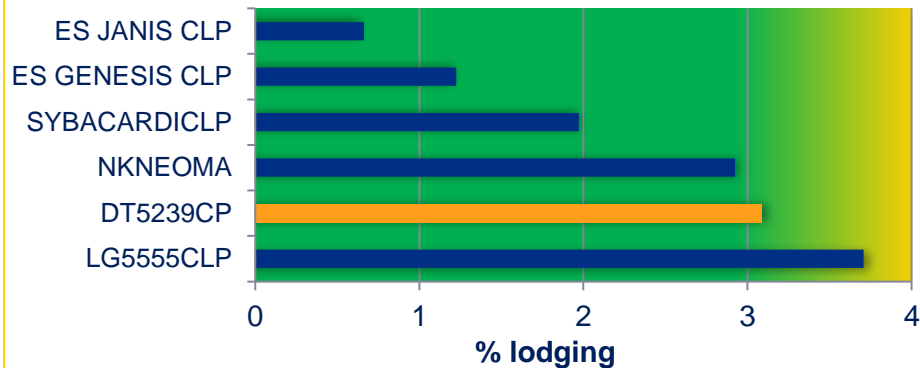
Stem lodging tolerance

R&D network 2018-20, 10 locations EU



Roots lodging tolerance

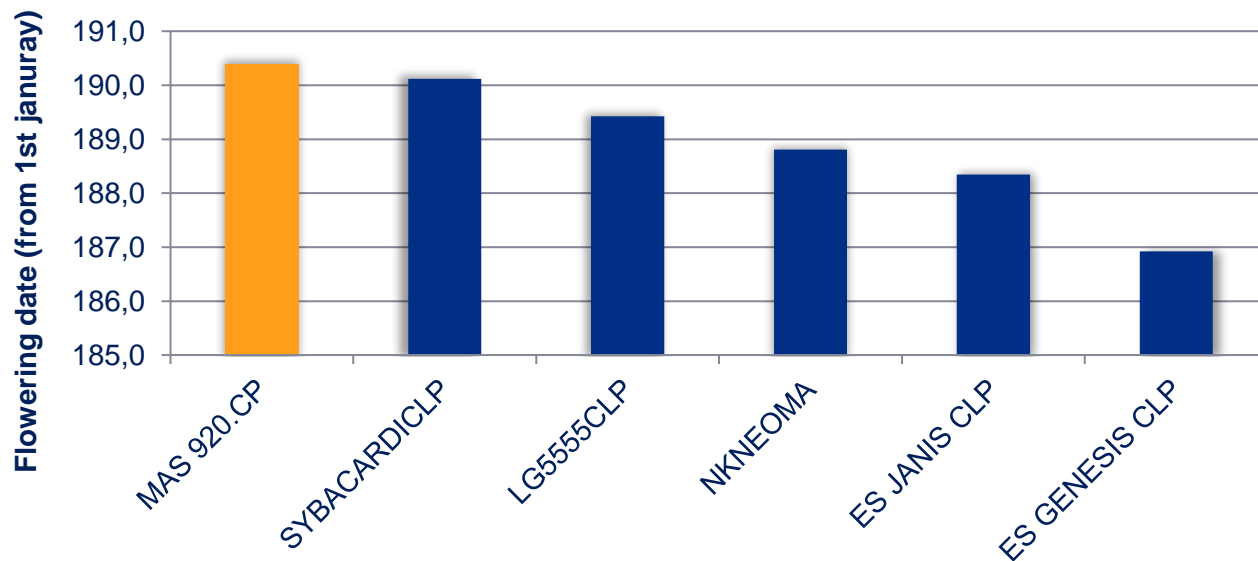
R&D network 2018-20, 14 locations EU



- A disease profile to optimize sowing in all situations
 - ➔ Stem lodging tolerance : 9
 - ➔ Roots lodging tolerance notation : 9
 - ➔ Early vigor notation : 8



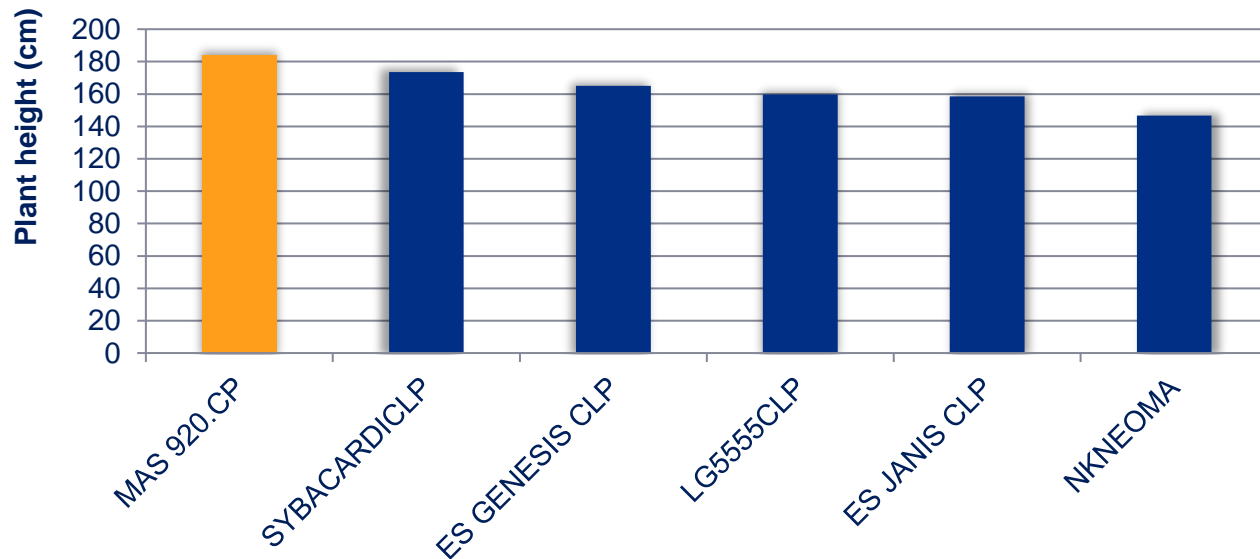
Flowering date
R&D network 2019-20, 13 locations EU



- **An mid-early flowering**



Plant height R&D network 2019-20, 4 location EU



- A high plant



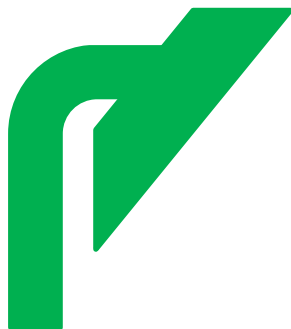
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LOOK



**Head
positioning**



Erected



**Head
form**



Flat





MAS 920.CP

MID-LATE | LINOLEIC CLP

LOOK





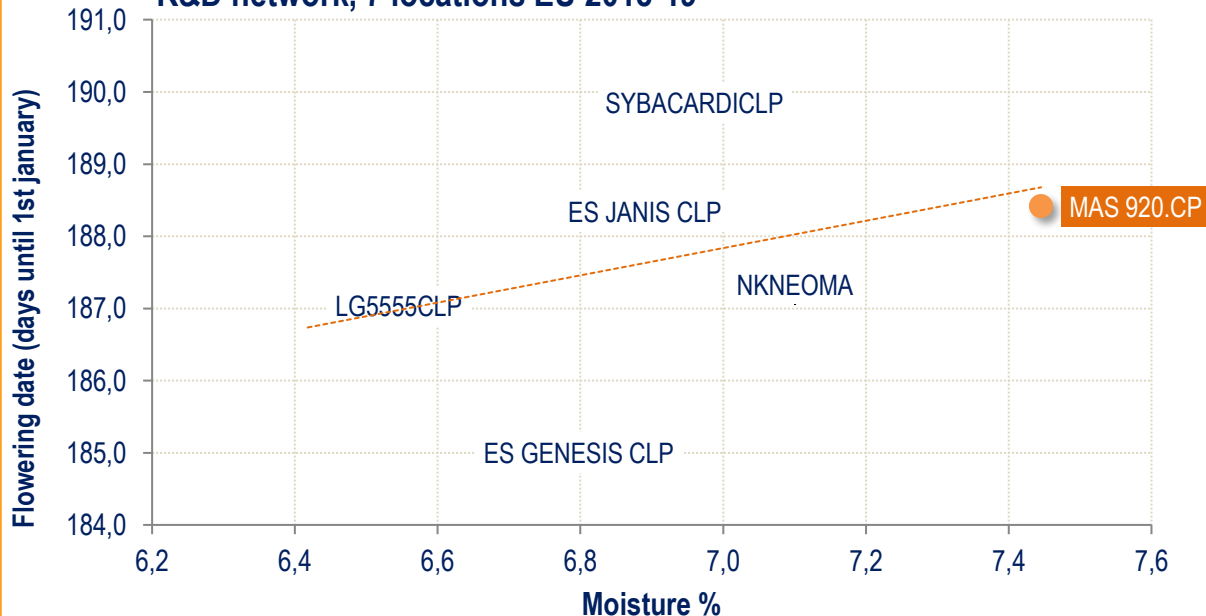
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DRYDOWN

Sunflower performance

R&D network, 7 locations EU 2018-19



- A mid-early flowering and a slow drydown
- Avoid late sowing !



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YIELD BEHAVIOUR

	% results in 1st third	% results over the average	% yield VS average	nb of results
MAS 920.CP	42%	74%	119%	31

MAS 920.CP is an hybrid for the performance. Almost every time over the average and in best hybrids in 50% of situations