

Yield (kg/plot)

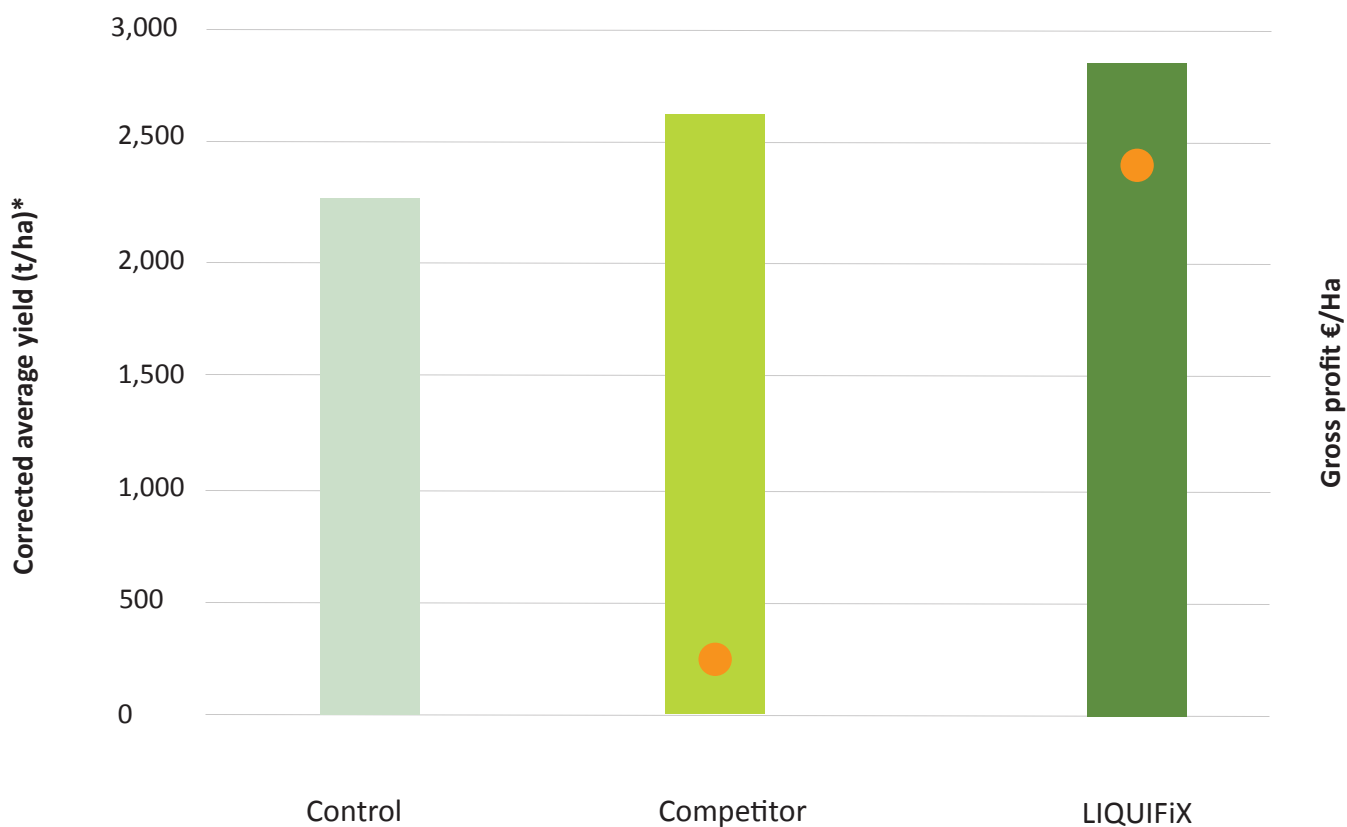
TREATMENT	CORR. YIELD (%)	CRUDE PROTEIN MEAN (g/100 g DM)
Control	5.52	43.23
4 mL/kg LIQUIFIX	5.88	44.53
4 mL/kg LIQUIFIX + 41,3mL/kg seed MOLYFIX	5.88	45.82
4 mL/kg LIQUIFIX + 4 mL/kg seed MOLYFIX	6.15	45.87
4 mL/kg LIQUIFIX + 1 g/kg seed MOLYFIX	6.02	45.62

Fresh weight data (kg seed/plot) were corrigated to 14% seed moisture and to 555 plants per parcel

VARIETY	INOCULANT	CORRECTED AVERAGE YIELD (t/ha)*	AREA (ha)	CORR. AVERAGE YIELD (%)	EUROS PER Ha**
Zelma	Control	2,297	0.39	-	-
Zelma	Competitor	2,652	0.38	15%	+213
Zelma	Liquifix	2,835	0.38	23%	+323

* Water content correction: 14 %-ra*

* ** Assume 1 ton + €600



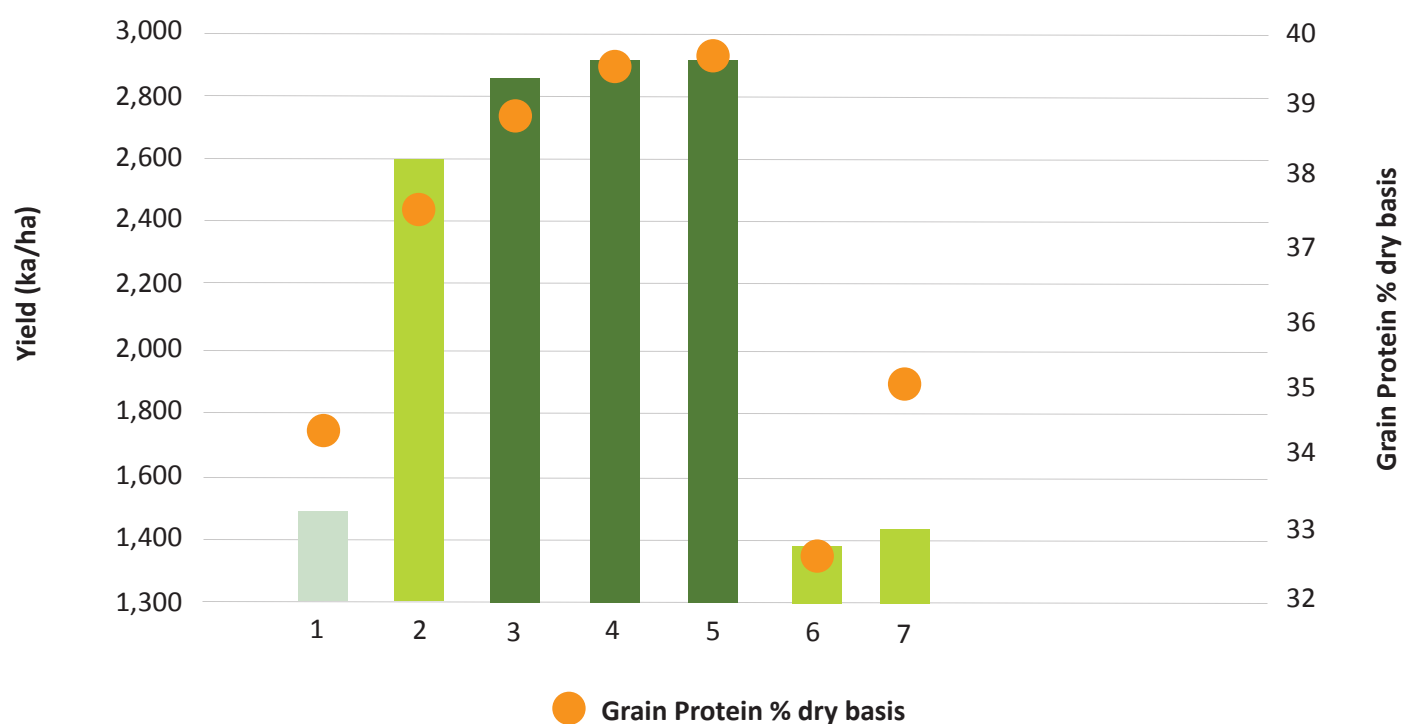
● Gross profit €/Ha

Effects of inoculation Treatments in Exp. LTS1 n 2019

TREATMENT		YIELD kg/Ha AT 13% MOIS	GRAIN PROTEIN % DRY BASIS
1	Uninoculated Control - Bare Seed	1557	34.4
2	Optimize (2.8L/ton)	2606	37.4
3	LIQUIFiX (4L/ton)	2848	38.9
4	LIQUIFiX 120 (4L/ton LIQUIFiX) +500g/ton colorant premixed 15 days before planting	2976	39.3
5	LIQUIFiX 120 (4L/ton LIQUIFiX) +500g/ton colorant premixed at planting	2961	39.7
6	120-day pre-inoculated PO4A6OR LEFT-side borders	1398	32.8
7	120-day pre-inoculated PO4A6OR RIGHT-side borders	1557	35.2
VAriety: Pioneer PO4A6OR Prob>F		<0.0001	<0.0001
Row width: 76cm or 30"		LSD.05	
		264	1.13

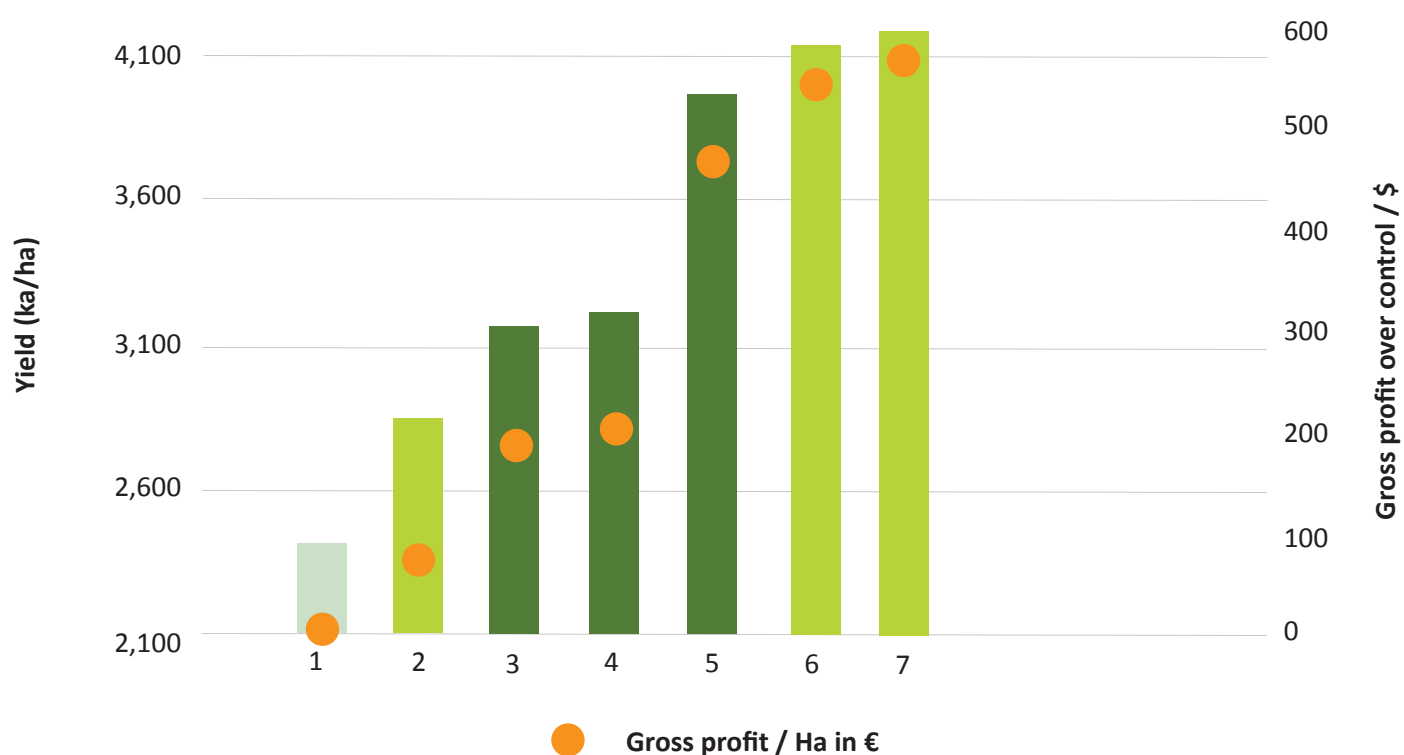
Planting date 24th May. Harvest date 14th October

Values shown are for nodule sampling at the R4 soybean development stage

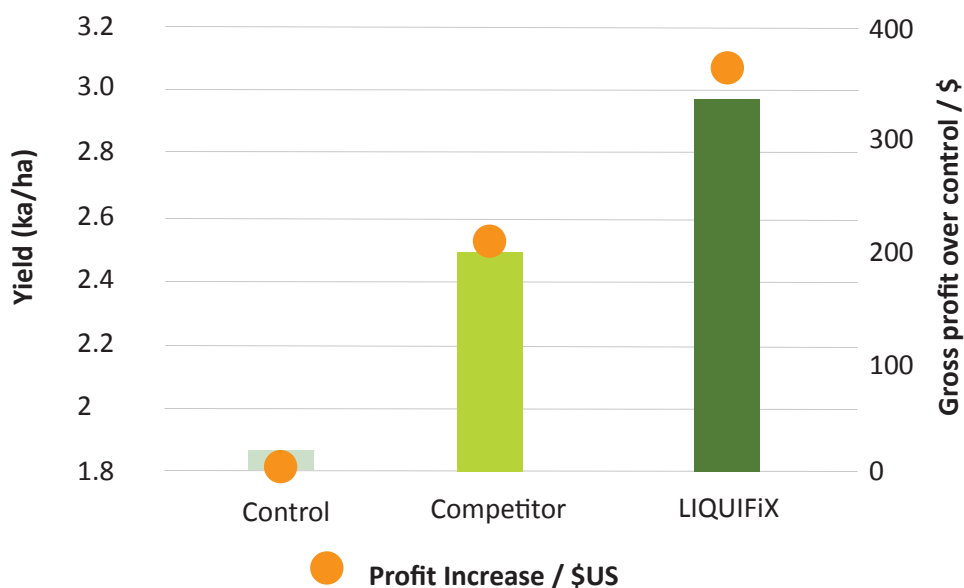




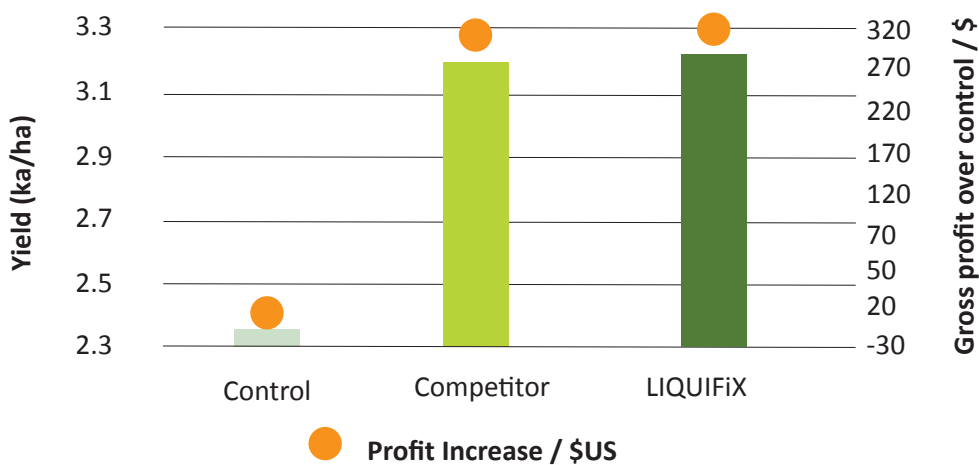
TREATMENT	YIELD kg/Ha	GROSS PROFIT /Ha IN €	PROTEIN / %
1 Control	2,700	0.0	38.6
2 Competitor A	2,904	71.4	39.3
3 Competitor B	3,178	167.3	40.7
4 Competitor C	3,216	180.6	41.7
5 Competitor D	3,967	443.5	41.9
6 LIQUIFiX	4,137	503.0	41.0
7 LEGUMEFiX	4,218	531.3	40.8



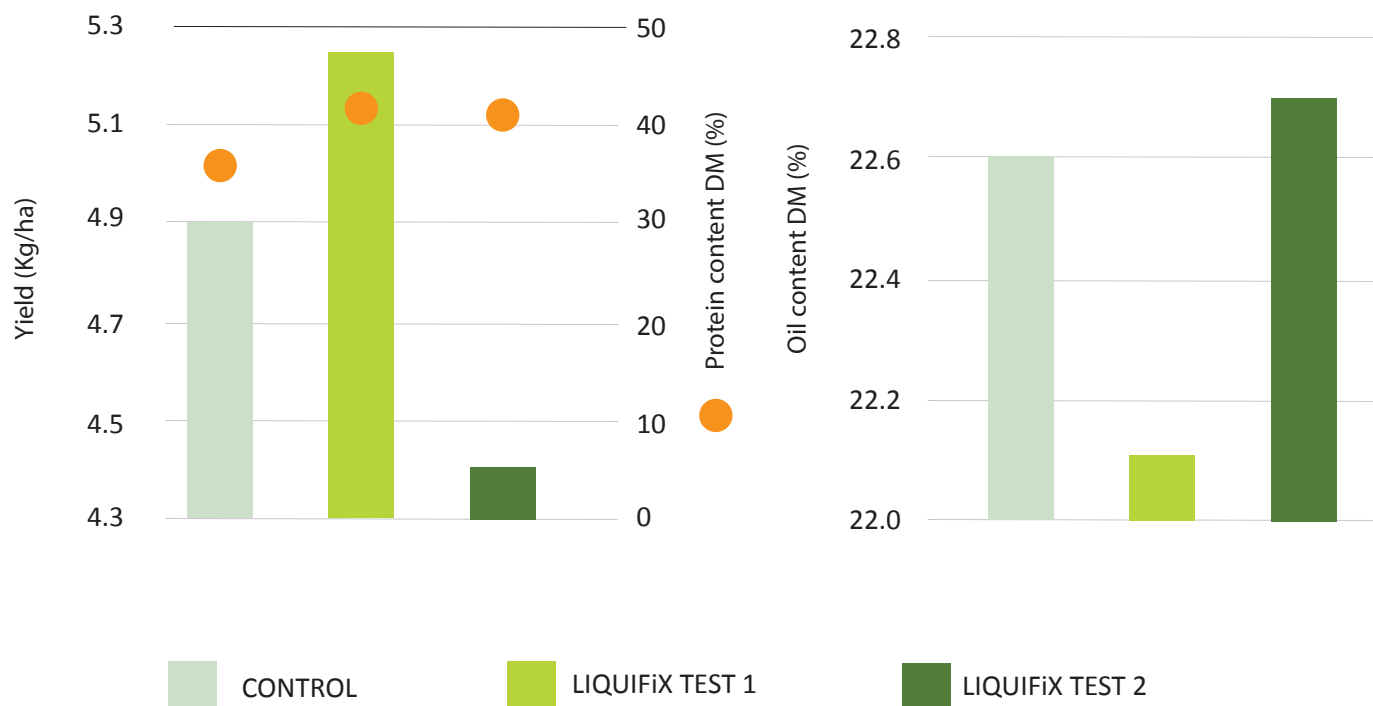
Site 1: Comparison of LIQUIFiX and Competitor Liquid Product



Site 2: Comparison of LEGUMEFiX and Competitor Peat Product



Donau Soja results in Serbia - harvest date 23/09/2020



	g/5 PLANTS	% CHANGE
No treatment	25.2	0
WAKIL	25.2	0
LIQUIFiX	35.5	41
LF + ROOTFiX	37.8	50
LIQUIFiX + MYCOFiX*	59.8	137

* Visually better nodulation

	No treatment	WAKIL	LF + MYCOFiX
g/5 PLANTS	127	97.5	153.3
% CHANGE	0	-23	21
NO. PODS/PLANTS	5	3	4
	3	2	5
	3	3	2
	3	3	4
	4	2	4
AVERAGE	3.6	2.6	3.8
TOTAL NO. OF PEAS	106	75	117
WEIGHT OF PEAS	22.9	17.8	28.9
WEIGHT PER PEA	0.22	0.24	0.25

Yield based on:

- Average number of peas per plant
- Average weight of peas in that treatment
- 90 plants per m²