

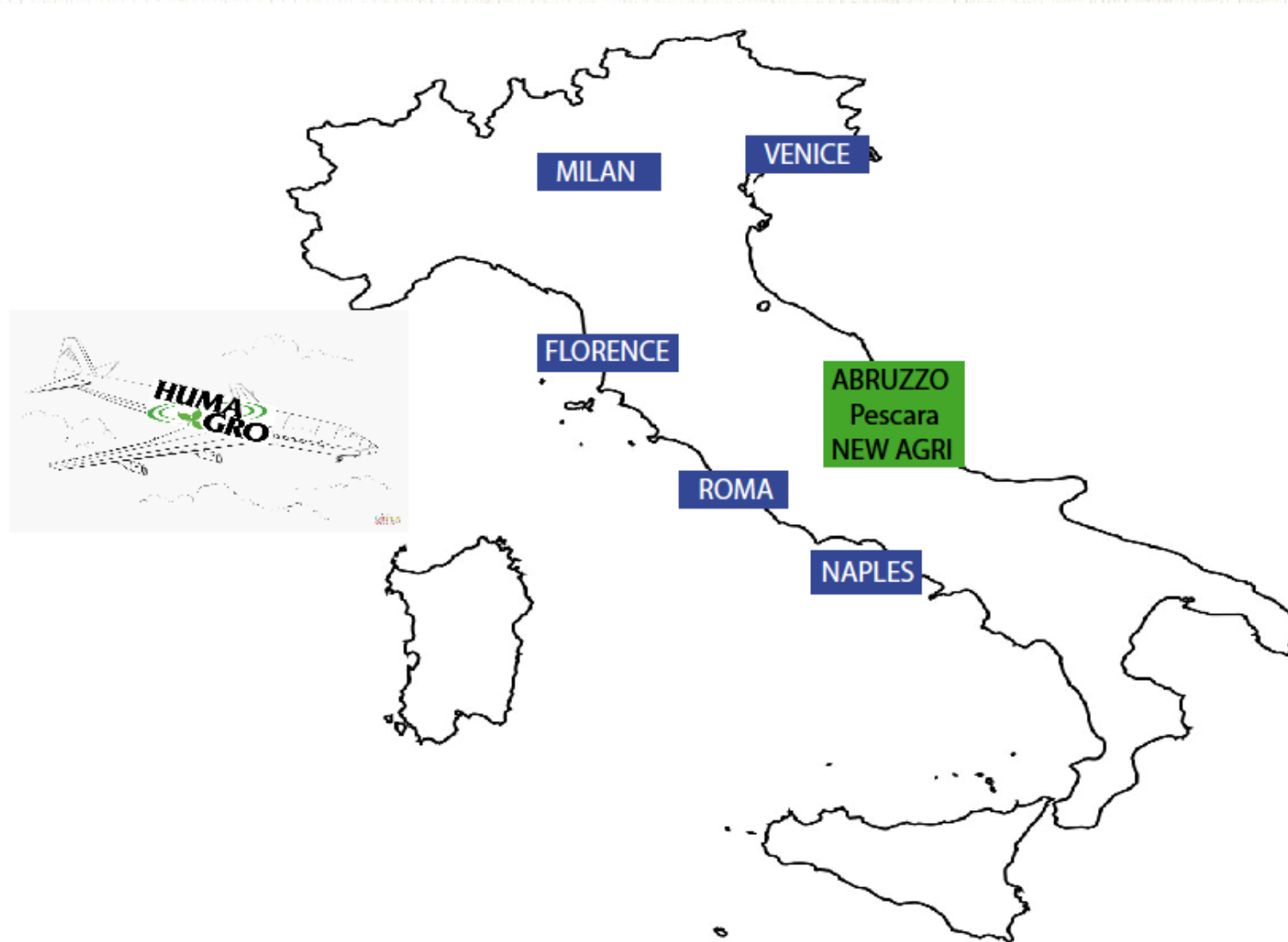


**HUMA
GRO**

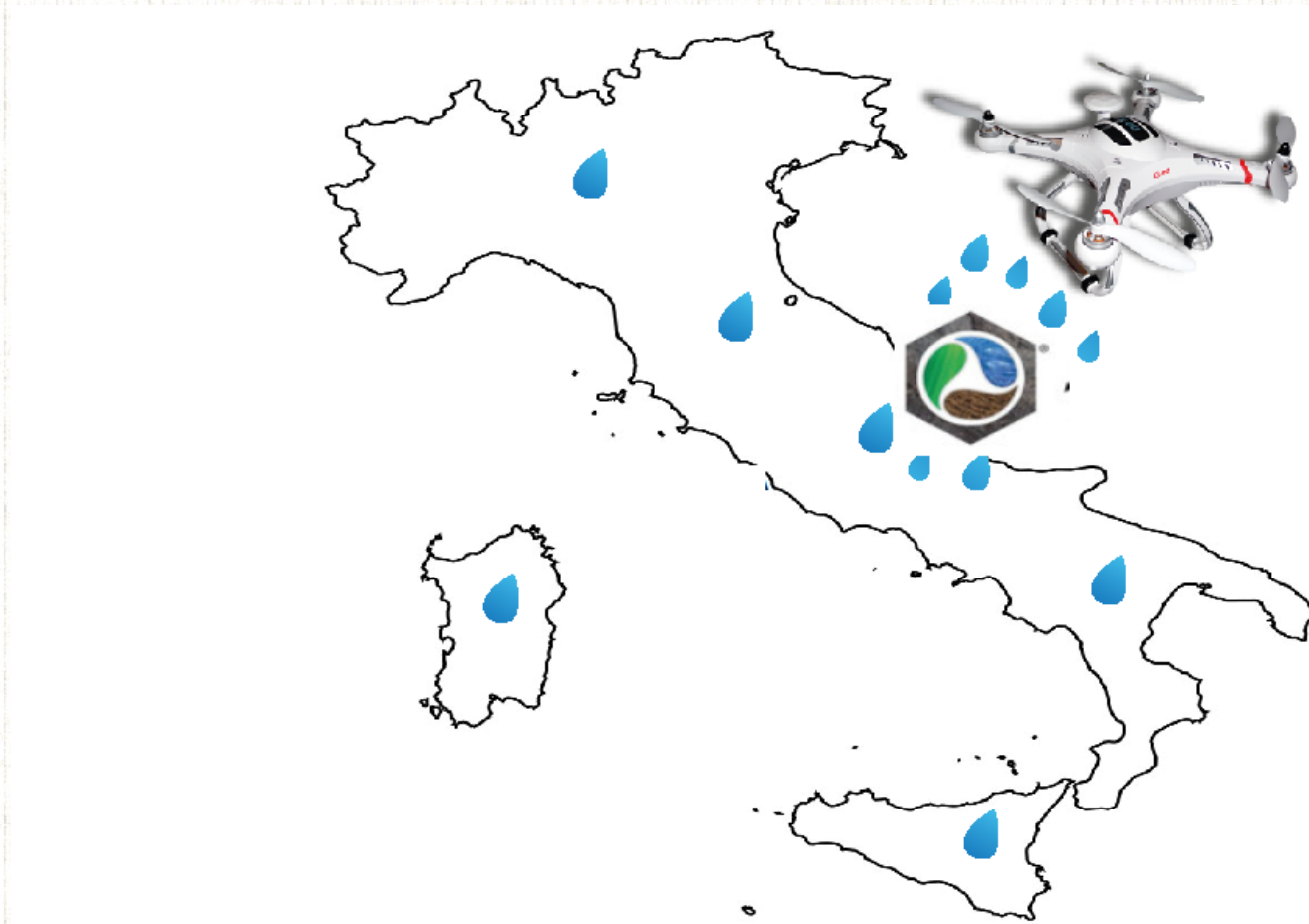
INTRODUCTION AND DEVELOPMENT OF HUMA GRO® IN ITALY



«HUMAGRO ARRIVES IN ITALY»



DIFFUSION



HUMAGRO SOLUTIONS TO REMEDY THE PROBLEMS IN ITALY AGRICULTURE

N°	CROPS	PLANTED AREA (Ha)	Main pests/diseases/ influence quality problems	Add Value	OPPORTUNITY HUMAGRO PRODUCT
1	Wheat durum Wheat soft	1.198.974 530.000	Soil born (fusarium, phitium) Roost... Soil born (fusarium, phitium) Roost...	+ protein -mycotossine	SOILMAX SUPERPHOS SUPERNITRO
2	Mais	994.331	Alfatossine	-alfatossine	SOILMAX SUPERPHOS SUPERNITRO
3	Soia	500.000	Red Mite Stresswater	+production	SUPERPHOS BREAKOUT
4	Industrial processor	303.085	Soil born	- Residue	SOILMAX PROUD SUPERNITRO
5	Open crops	418.852	Soil born Nematode Peste Thrips	+production +quality	SOILMAX PROMAX PROUD COPPER VITOL
6	Tuber potato	62.394	Leight blight Early blight Soil born Rizoctonia	+production	SOILMAX SUPERPHOS
7	Orange	168.266	Aphd Mite	- Residue +quality	FRUIT FLY
8	Graips table	60.005	Botrytis Thrips Peste (oilium, mildiu) Powdery mildew Gray mold	- Residue +quality	VITOL BREAKOUT YELDMAX COPPER PROUD
10	Olive	1.186.068	Fly olive	- Residue	OLIVE FLY
11	Apple, Peer, peach	434.356	Scab Powdery mildew - Psilla	+quality - Residue	VITOL BREAKOUT COPPER, PROUD

AREAS DEDICATED TO ORGANIC METHOD OF COLTIVATION

ORGANIC SUPERFICES IN ITALY - 2014

	in convers.	biologico	TOTALE	TOTALE 2014
TOTALE COLTURE	410.206	977.707	1.317.177	1.387.913
Cereals	39.520	151.880	191.400	210.543
Legum	4.224	22.686	26.909	20.837
Roath plant	141	768	909	1.175
Processor coltivation	2.108	14.007	16.115	13.567
Forage	46.386	202.615	249.000	255.003
Other soding	9.558	15.795	25.353	5.031
Vegetable	4.272	17.845	22.117	21.336
Fruit	6.806	26.734	33.540	23.033
Nut fruit	18.118	20.843	38.961	30.071
Orange	6.637	22.178	28.816	25.340
Graips	23.763	44.174	67.937	57.347
Olive	46.372	129.574	175.946	164.488
Other coltivation	666	3.102	3.768	6.386

Tot. 70.254

THE HUMA GRO® FAMILY IN ITALY





**HUMA
GRO**

DEMO TRIALS



HUMAGRO MELONS Protocol TRIAL in FERRARA

Product	Treatments name	rate kg-L/ha	Stage	Application mode	Application date
Soil Max	Azoto 6%, Ureico 6%, Fe 0,1%, Mn 0,05%, Zn 0,05%, TMC 19%	3,5 L/ha	Post trasplant	Fert.	15 jun
Supernitro	Azoto 30%	4 L/ha	" "	Fert.	15 jun
Promax	Olii essenziali	3,5 L/ha	" "	Fert.	15 jun
Copper		0,5 L/ha		Foliar	21 jun
Sulfur		0,5 L/ha	" "	Foliar	21 jun
Boro		150 ml/ha	" "	Foliar	21 jun
Proud 3	Olii essenziali	3,5 L/ha	" "	Foliar	21 jun
Vitol	Azoto 8%, Amm. 1,10%, Ureico 6,9%, P 16%, K 4%, S 1%, Fe chelato 0,10%, Mn chelato 0,05%, Zn chelato 0,05%	4 L/ha		Fert.	30 jun
Copper		0,5 L/ha	Early Bloom	Foliar	5 jul
Sulfur		0,5 L/ha	" "	Foliar	5 jul
Boro		150 ml/ha	" "	Foliar	5 jul
Vitol	Azoto 8%, Amm. 1,10%, Ureico 6,9%, P 16%, K 4%, S 1%, Fe chelato 0,10%, Mn chelato 0,05%, Zn chelato 0,05%	4 L/ha	Full Bloom	Fert.	15 jul
Cupro 55 WL		1,5 L/ha	" "	Foliar	15 jul
Evidence		2 kg/ha	" "	Foliar	15 jul
Sil-K		1,5 L/ha	" "	Foliar	15 jul
Calcium	Azoto 8%, Ca 15%, TMC 13%	5 L/ha	Fruit sizing	Fert.	30 jul
Soil max	Azoto 6%, Ureico 6%, Fe 0,1%, Mn 0,05%, Zn 0,05%, TMC 19%	2,5 L/ha	" "	Fert.	10 aug
NK 13-0-46		25 kg/ha	" "	Fert.	10 aug
Oomisine		3 kg/ha	Pre-Harvest	Foliar	20 aug
MS 200		3 L/ha	" "	Foliar	20 aug
Mantrac		0,3 L/ha	" "	Foliar	20 aug
Mg		5 kg/ha	" "	Foliar	20 aug



On trials with cantaloupe melons in Ferrara have shown great improvement in the uniformity of the crop

HUMAGRO MELONS protocol TRIAL in FERRARA : RESULTS

HUMAGRO LINE PRODUCTS



FARMER LINE PRODUCTS



DIFFERENCES BETWEEN FRUITS



HUMAGRO TOMATOES Protocol TRIAL in FERRARA

Product	Treatments name	Rate kg-L/ha	Stage	appl. Mode	appl. Date
Calcium	Azoto 8%, Ca 15%, TMC 13%	2,5 L/ha	Early to Bloom	Foliar	19 Jul
BreakOut	Azoto tot. 4%, Ureico 3,45%, Amm. 0,55%, P 14%, K 3%, SO con TMC 3,9%	2,5 L/ha	" "	Foliar	19 Jul
Vitol	Azoto 8%, Amm. 1,10%, Ureico 6,9%, P 16%, K 4%, S 1%, Fe chelato 0,10%, Mn chelato 0,05%, Zn chelato 0,05%	3,5 L/ha	Fruit sizing 1	Foliar	26 Jul
Super K	K sol 40%, SO con TMC 8,5%	3,5 L/ha	" "	Foliar	26 Jul
Super K	K sol 40%, SO con TMC 8,5%	2,5 L/ha	Bloom	Foliar	2 Aug
Jackpot (= Yield max)	K 20%, P 1%, B 0,05%	2,5 L/ha	" "	Foliar	2 Aug
Calcium	Azoto 8%, Ca 15%, TMC 13%	3 L/ha	Full Bloom	Foliar	10 Aug
Jackpot	K 20%, P 1%, B 0,05%	4 L/ha	Fruit sizing 2	Foliar	10 Aug
Sil - K		3 L/ha	Pre Harvest	Foliar	18 Aug
Super K	K 20%, P 1%, B 0,05%	3 L/ha	Pre Harvest	Foliar	18 Aug

HUMAGRO TOMATOES Protocol TRIAL in FERRARA: RESULTS

HUMAGRO LINE PRODUCTS



FARMER LINE PRODUCTS



DIFFERENCES IN VEGETATION AND IN PRODUCT QUALITY -brix + 1,5

Performance HUMAGRO

HUMAGRO



Test



Tomato grown using Humagro means more sugar less acid longer shelf life.

HUMAGRO APPLES AND PEARS Protocol TRIAL in FERRARA

Az. Vanni Branchini loc. Porotto (FE) prova Huma Gro® - Sesto impianto 3 x 0,8

Product	Active	Rate kg-L/ha	Stage	Appl Mode	Appl Date		
Soil Max	Azoto 6%, Ureico 6%, Fe 0,1%, Mn 0,05%, Zn 0,05%, TMC 19%	10 L/ha	Bud Break	Fert.	23/04, 31/05		
Soil Max	" "	5 L/ha	Fruit size	Fert.	25-mag		
Calcium	Azoto 8%, Ca 15%, TMC 13%	250 ml/hl	Fruit size	apples and pears	14/04, 21/05		
BreakOut	Azoto tot. 4%, Ureico 3,45%, Amm. 0,55%, P 14%, K 3%, SO con TMC 3,9%	A. 400 ml/hl B. 200 ml/hl C. 400 ml/hl TOT. 12 L/ha	A. Early to Bloom B. Full to Bloom C. Fall flowers	apples and pears	A. 9/04 B. 12/04 C. 21/05		
					A. 14/04 apple B. 19/04 pear C. 21/05 apple and pear D. 5/06 apple and pear E. 24/06 apple and pear		
Proud 3 (Activol + D-fend)	Olii essenziali	250 ml/hl	A. Fall Flowers B. Fruite sizing C. After B		apple and pear	BORON	FOLIAR
Super K + VITOL a terra	K sol 40%, SO con TMC 8,5% + Azoto 8%, Amm. 1,10%, Ureico 6,9%, P 16%, K 4%, S 1%, Fe chelato 0,10%, Mn chelato 0,05%, Zn chelato 0,05%	250 ml/hl TOT. 10 L/ha	A. Fall Flowers B. Fruit sizing preHarvest	FOLIAR	A. 14/04 Apple B. 19/04 pear C. 5/06 apple and pear D. 9/07 apple and pear		
Yield max	K 20%, B 0,05%, Mo con TMC 6,4%	4 L/hl	Before 30 days to harvesting	FOLIAR			
Jackpot	K 20%, P 1%, B 0,05%	4 L/hl	Before 15 days to harvesting	FOLIAR			

Right: HUMAGRO LINE

Production 30 t/ha

Left: FARMER LINE



HUMAGRO LINE TREES



DIFFERENCES BETWEEN HUMAGRO
AND FARMER FRUITS





HUMA GRO[®] TRIAL (Pear)



HUMA GRO[®] APPLES Protocol TRIAL in FERRARA : RESULTS

FARMER TEST



HUMAGRO

Good scab control
Good Productive Branch

Apples with Humagro are bigger have a better color
Than conventionally grower fruit



HUMA GRO[®] TABLE GRAPE Protocol TRIAL in TARANTO

Field Location:



HUMA GRO[®] TABLE GRAPE Protocol TRIAL in TARANTO

Farm: Pizzarelli Cosimo

Location: cd.Famosa - Massafra (TA) – Italy

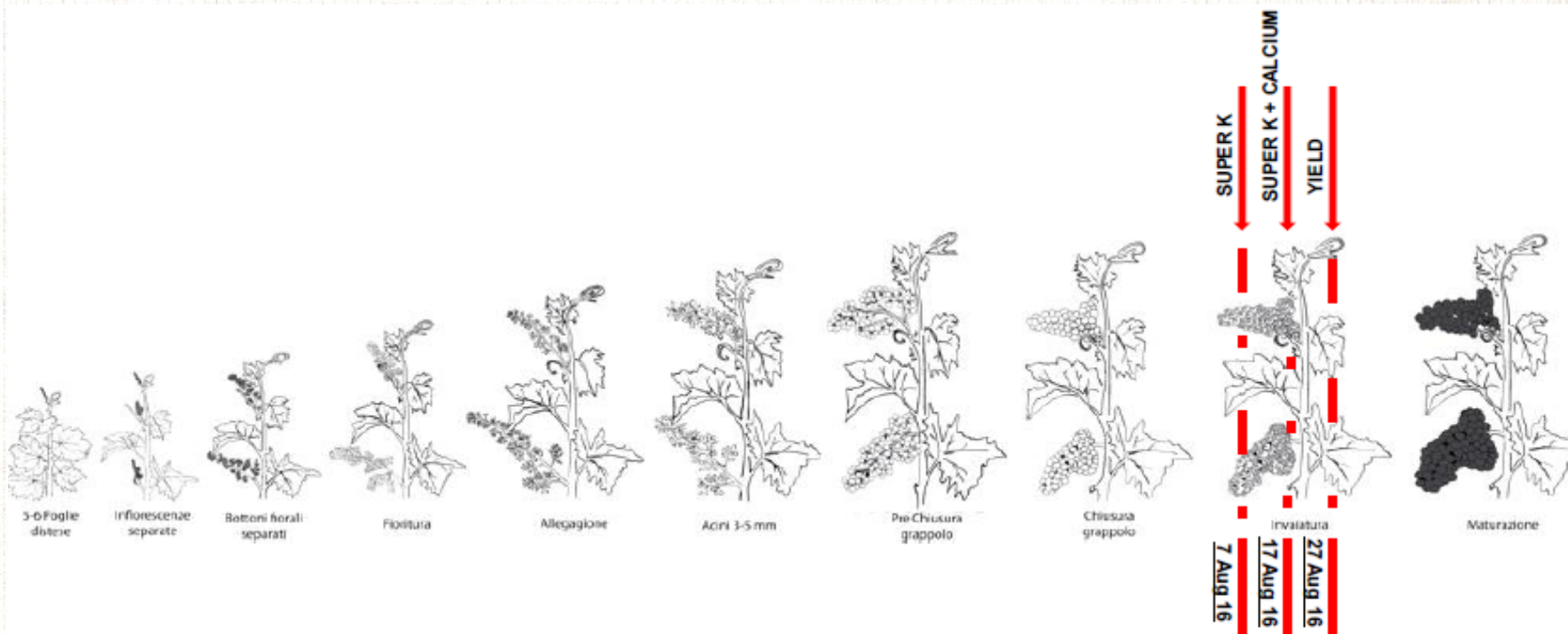
Crops:

Table grape cv. Italia (1HA) (sprayed only 0.5 HA)

Table grape cv. Red Globe (1HA) (sprayed only 0.5
HA)

Transplant date: 2000

HUMA GRO® TABLE GRAPE Protocol TRIAL in TARANTO



Treatment code	Treatments name	Rate (L/HA)	Application date	Spray volume (L/HA)
A	Super K	2.5	7 Aug 16	1000
B	Super k	2.5	17 Aug 16	1000
	Calcium	2		
C	Yield max	2.5	27 Aug 16	1000

HUMA GRO® TABLE GRAPE Protocol TRIAL in TARANTO: RESULTS

Table Grape: cv Italia

Before the treatments



After the treatments



Untreated



Sprayed

HUMA GRO® TABLE GRAPE Protocol TRIAL in TARANTO: RESULTS

Table Grape: cv red globe

Before the treatments



After the treatments



Untreated



Sprayed

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HUMA GRO[®] TABLE GRAPE Protocol TRIAL in TARANTO: RESULTS

Table Grape: cv Italia



Table Grape: cv red globe





**HUMA
GRO**

EXPERIMENTAL TRIALS



DURUM WHEAT TRIAL

CONVENZIONE TRA NEW AGRI SRL ED IL CONSIGLIO PER LA RICERCA
IN AGRICOLTURA E L'ANALISI DELL'ECONOMIA AGRARIA (CREA) -
CENTRO DI RICERCA PER LA CEREALICOLTURA
PER LA REALIZZAZIONE DI UNA PROVA SPERIMENTALE

Tra

NEW AGRI SRL, con sede legale in Ortona (CH) cap 66026, in contrada Alboreto snc, Partita IVA 01457680682, nella persona di Sputore Anna, domiciliato per la carica presso la sede della società;
(di seguito "NEW AGRI")

e

Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria – Centro di Ricerca per la Cerealicoltura, con sede legale in Via Nazionale 82, 00184 Roma e sede operativa in S.S. 673 Km. 25,200, 71122 Foggia, C.F. 97231970589, P IVA 08183101008, rappresentato dal prof. Nicola Pecchioni nella sua funzione di Direttore nato a Savona il 12/04/1965, domiciliato per la carica in S.S. 673 Km. 25,200, 71122 Foggia, codice fiscale PCCNCL65D12I480U (di seguito "CREA-CER")

PREMESSO CHE

Il presente accordo è da considerarsi valido a tutti gli effetti anche qualora il Centro di Ricerca per la Cerealicoltura del CREA mutasse nome o confluisse in nuova struttura come sarà indicato dall'imminente piano di riorganizzazione delle strutture del CREA,

Tutto ciò premesso, si conviene e si stipula quanto segue:

Art. 1 – PREMESSE

1.1 Le premesse che precedono costituiscono parte integrante del presente contratto.

Art. 2 - OGGETTO

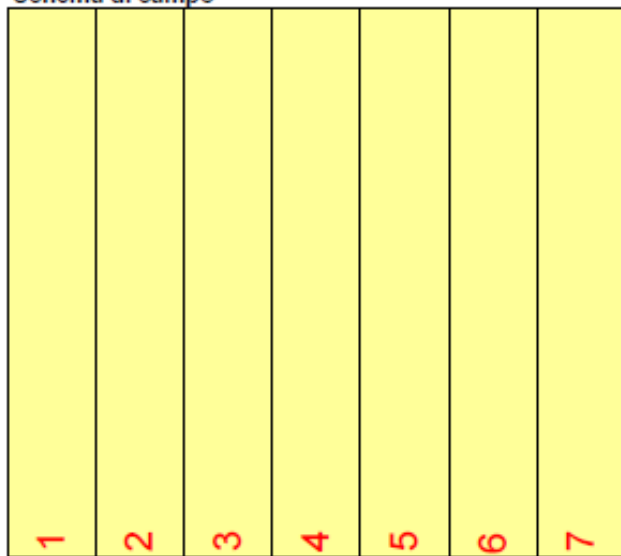
2.1 NEW AGRI conferisce a CREA-CER incarico per la realizzazione di una prova sperimentale tendente ad accertare l'efficacia dei prodotti fertilizzanti in frumento duro come da all. 1 che costituisce parte integrante della presente convenzione.



FIELD SCHEME

CER - NEW AGRI 2015-2016

Schema di campo



TESI 1	TESI 2	TESI 3	TESI 4	TESI 5	TESI 6	TESI 7
28	27	26	25	24	23	22
15	16	17	18	19	20	21
14	13	12	11	10	9	PARC 8
PARC 1	PARC 2	PARC 3	PARC 4	PARC 5	PARC 6	PARC 7

Parcelloni mq 105,0

Varietà frumento duro: S F I N G E

Precessione colturale: Ringrano

Data di semina:

Data emergenza: 05/01/2015

All. 1
Varieta frumento duro: SFINGE

Tesi	Epoca applicazione			
	semina	3 Foglia	accestimento	
1	18-46 2 q.li/ha		N.A. Accestimento 2 q.li/ha	
2	SUPERFOS 30 lt.	3 foglia 500 cc/ha superfos 1 l/ha Z max 2,5 l/ha supermitro 1,5 l/ha Vitol	3 l/ha supermitro 1 l/ha calcium 2 l/ha vitol 2 l/ha brek out	1 lt./ha YIELDMAX calcium 1 super k
3	SUPERFOS 30 lt.		N.A. Accestimento 2 q.li/ha	
4	SUPERFOS 30 lt.	3 foglia 500 cc/ha superfos 1 l/ha Z max 2,5 l/ha supermitro 1,5 l/ha Vitol	3 l/ha supermitro 1 l/ha calcium 2 l/ha vitol 2 l/ha brek out liquido	
5	SUPERFOS 30 lt.		3 l/ha supermitro 1 l/ha calcium 2 l/ha vitol 2 l/ha brek out	0,5 lt./ha Z MAX 0,2 lt./ha BREAKOUT
6	SUPERFOS 30 lt.	3 foglia 500 cc/ha superfos 1 l/ha Z max 2,5 l/ha supermitro 1,5 l/ha Vitol	3 l/ha supermitro 1 l/ha calcium 2 l/ha vitol 2 l/ha brek out	1 lt./ha YIELDMAX calcium 1 super k
7	SUPERFOS 30 lt.	3 foglia 500 cc/ha superfos 1 l/ha Z max 2,5 l/ha supermitro 1,5 l/ha Vitol	3 l/ha supermitro 1 l/ha calcium 2 l/ha vitol 2 l/ha brek out	

Applicare il prodotti con 250 litri di acqua ad ettaro

aggiornato al 26/01/2016

data di semina 23 dicembre 2015

applicazione fogliare 3 foglia: 28/01/2016 (temp 17°C assenza di vento)

applicazione fogliare 1-2 nodo: 21/3/2016

applicazione fogliare spigatura: 19/4/2016

DATA

CEREALICOLTURA FG NEW AGRI 2015/2016

	Rep.	Tesi	Plot	Plot 20,4 mq produzione Kg	Umidità %	Proteine (% s.s.)	Glutine	Phl (kg/hl)	Produzione t/ha 13%
1	1	1	1	11,75	9,8	13,2	9,5	82,2	
	2	1	14	11,36	9,6	12,2	8,4	82,0	
	3	1	15	11,87	9,5	13,9	10,0	81,3	
					9,6	13,8	10,1	79,8	
	Media			11,66	9,63	13,28	9,50	81,33	0,0
2	1	2	2	12,03	9,6	12,1	8,3	82,4	
	2	2	13	11,57	9,8	12,0	8,2	81,3	
	3	2	16	11,69	9,6	13,6	9,8	81,3	
					9,8	12,8	9,8	81,3	
	Media			11,76	9,70	12,63	9,03	81,58	0,0
3	1	3	3	12,49	9,7	12,7	9,0	82,3	
	2	3	12	11,93	9,8	12,9	9,1	82,6	
	3	3	17	11,69	9,4	13,9	10,0	81,0	
					9,7	14,1	10,3	81,2	
	Media			12,04	9,65	13,40	9,60	81,78	0,0
4	1	4	4	11,09	9,9	12,4	8,0	82,2	
	2	4	11	11,35	9,7	11,7	7,7	80,7	
	3	4	18	11,09	9,6	12,7	8,7	82,0	
			25		9,9	12,7	9,0	81,6	
	Media			11,18	9,78	12,38	8,35	81,63	0,0
5	1	5	5	11,76	9,8	11,6	8,0	82,6	
	2	5	10	10,80	9,8	11,5	7,6	81,3	
	3	5	19	11,38	9,9	12,3	8,5	81,9	
			24		9,8	12,3	8,6	81,2	
	Media			11,31	9,83	11,93	8,18	81,75	0,0
6	1	6	6	12,24	9,8	12,4	8,8	82,3	
	2	6	9	10,82	9,7	11,8	7,8	81,7	
	3	6	20	10,77	9,7	12,3	8,4	82,8	
			23		9,8	12,3	8,6	81,5	
	Media			11,28	9,75	12,20	8,40	82,08	0,0
7	1	7	7	11,68	9,7	13,6	9,8	82,5	
	2	7	8	10,93	9,5	12,2	8,4	82,0	
	3	7	21	10,85	9,8	12,4	8,8	80,9	
			22		9,7	12,4	8,7	81,6	
	Media			11,15	9,68	12,65	8,93	81,75	0,0

Wheat trial pictures



Wheat trial pictures



Wheat roots trial pictures





NEXT...





**WITH THE EYES
ON THE QUALITY...**

**HUMAGRO
is
CUSTOMER SATISFACTION**



**HUMA
GRO**

**THANK YOU FOR
YOUR ATTENTION**

