	uct 1.prt0)	TNICAC I' Alli's - Messer I	ARM 2018.1 Protocol Data Headers
Evaluation the officiency of		EN SAS di Albino Morand	o & C. V) in Vitis vinifera cv. Barbera and Pinot Noir
Protocol ID:	2018 PHYP64 CNF		·
Trial ID:		ALBINO MORANDO	5 Illai leai. 2016
Project ID:	2	Simone Lavezzaro	
	2		
	n Form Form	Rate Appl	
	c Unit Type R	ate Unit Code	
1 Untreated Check			
2 Product 1			
Block (RCB), Treatment units: 1	Treated 'Plot' experimental unit size Leng	mental unit size, Dry Form.	with no protection), Design: Randomised Complete Unit: %, Treated 'Plot' experimental unit size Width: Jume: 200 L/ha, Mix size: 1.92 litres, Format
		rial Establishment Guideli	
	Site Typ		O vineyard
Treated Plot Width: 0,3 1	5	5	
0	n Climate		EPPO Mediterranean
Treated Plot Area: 0,3 1		ental Unit: 1 PLOT	1
Replications: 4	Tillage 7		conventional-till Bandomized Complete Plack (BCP)
Responsible	Study D	esign: RACOBL	Randomized Complete Block (RCB)
ResponsibleSimone LavezzaroTotal Trials:4			
Conduct Under GEP: Yes O	fficially Recognized	d Organization: Vit.E	'n
No. Guideline Descriptio			
-		cacy evaluation trials includ	ing GEP
	d analysis of efficacy		ů –
3. PP 1/135(4) phytotoxic	city assessment		
		ion stimulateurs des défense	es des plantes (SDP)
<ol> <li>CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 – To evaluate efficacy of Prod</li> </ol>	gén. d'expérimentati uct 1 against Flavesc	cence dorée in grapevine.	es des plantes (SDP)
<ol> <li>CEB MG14 Principes :</li> <li>Objectives:</li> </ol>	gén. d'expérimentati uct 1 against Flavesc	cence dorée in grapevine.	es des plantes (SDP)
<ol> <li>CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 – To evaluate efficacy of Prod</li> </ol>	gén. d'expérimentati uct 1 against Flavesc	cence dorée in grapevine. ection	es des plantes (SDP)
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> </ul>	gén. d'expérimentati uct 1 against Flavesc of recovery after infe	cence dorée in grapevine. ection Crop Description	es des plantes (SDP)
<ol> <li>CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 – To evaluate efficacy of Prod</li> </ol>	gén. d'expérimentati uct 1 against Flavesc of recovery after infe Vitis vinifera	cence dorée in grapevine. ection Crop Description	es des plantes (SDP)
<ul> <li>4. CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI</li> <li>Variety:</li> <li>BBCH Scale:</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description:	seedlings
<ul> <li>4. CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI</li> <li>Variety:</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA	cence dorée in grapevine. ection Crop Description a Grapevine	seedlings
<ul> <li>4. CEB MG14 Principes ;</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI</li> <li>Variety:</li> <li>BBCH Scale:</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description:	seedlings
<ul> <li>4. CEB MG14 Principes ( Objectives: 1 - To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit	seedlings
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha IYP64Grapevine Fla vescence dorée of gi	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit	seedlings
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit	seedlings
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla Establishment Date: 1/3	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha IYP64Grapevine Fla vescence dorée of gi	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit	seedlings
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla Establishment Date: 1/3 Vineyard planting	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla Establishment Date: 1/5 Vineyard planting The following operations will b	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH</li> <li>Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>- Ground leveling</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
4. CEB MG14 Principes ( Objectives: 1 – To evaluate efficacy of Prod 2 - To evaluate any possibility of Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla Establishment Date: 1/5 Vineyard planting The following operations will b	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH</li> <li>Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>- Ground leveling</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> <li>Common Name:</li> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> </ul> </li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tYP64Grapevine Fla vescence dorée of gr 5/2018	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla Establishment Date: 1/4</li> <li>Vineyard planting The following operations will b - Ground leveling - Trenching (made by excavator) - Field tracing</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to c	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> </ul> </li> <li>Common Name: <ul> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the participation of the participation</li> </ul> </li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> </ul> </li> <li>Common Name: <ul> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling <ul> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the result of the second positioning of the second position position of the second position posit</li></ul></li></ul></li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type: D Code: PH</li> <li>Common Name: Flate</li> <li>Establishment Date: 1/4</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Field tracing</li> <li>Purchase and planting of the period of the</li></ul></li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the vertice of the positioning of the vertice of the</li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> </ul> </li> <li>Common Name: <ul> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the rest of the positioning of the rest of the prunchase and positioning of the rest of the prunchase and positioning of the positioning of the prunchase and positioning positioning positioning positioning positioning positioning positioning</li></ul></li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the vertice of the positioning of the vertice of the</li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> </ul> </li> <li>Common Name: <ul> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the rest of the positioning of the rest of the prunchase and positioning of the rest of the prunchase and positioning of the positioning of the prunchase and positioning positioning positioning positioning positioning positioning positioning</li></ul></li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the second positioning position po</li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co t)	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI <ul> <li>Variety:</li> <li>BBCH Scale:</li> <li>Planting Rate, Uni</li> </ul> </li> <li>Target Pest Description <ul> <li>Pest 1 Type:</li> <li>D Code:</li> <li>PH</li> </ul> </li> <li>Common Name: <ul> <li>Fla</li> <li>Establishment Date:</li> <li>1/3</li> </ul> </li> <li>Vineyard planting <ul> <li>The following operations will be</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the rest of the positioning of the rest of the principal of the princi</li></ul></li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co r) rooted cuttings he support structures	cence dorée in grapevine. Crop Description a Grapevine inot Noir Description: Row Spacing, Unit evescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla</li> <li>Establishment Date: 1/3</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the r</li> <li>Purchase and planting of the r</li> <li>Purchase and positioning of the</li> <li>Vineyard management</li> <li>Weed control</li> <li>Winter pruning</li> <li>Green pruning</li> <li>Pest control</li> <li>Vineyard health's control</li> <li>Monitoring of Scaphoideus tit</li> </ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Fla vescence dorée of gr 5/2018 e made in order to co r) rooted cuttings ne support structures	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit avescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m g in the experimental vineyard:
<ul> <li>4. CEB MG14 Principes (</li> <li>Objectives:</li> <li>1 - To evaluate efficacy of Prod</li> <li>2 - To evaluate any possibility of</li> <li>2 - To evaluate any possibility of</li> <li>Crop 1: VITVI Variety: BBCH Scale: Planting Rate, Uni</li> <li>Target Pest Description Pest 1 Type: D Code: PH Common Name: Fla</li> <li>Establishment Date: 1/4</li> <li>Vineyard planting</li> <li>The following operations will b</li> <li>Ground leveling</li> <li>Trenching (made by excavator)</li> <li>Fertilization</li> <li>Field tracing</li> <li>Purchase and planting of the noise and positioning of the second position positio</li></ul>	gén. d'expérimentati uct 1 against Flaveso of recovery after infe Vitis vinifera Barbera / Pi BGRA t: 3500 P/ha tyP64Grapevine Flav vescence dorée of gr 5/2018 e made in order to co r) rooted cuttings ne support structures anus he juvenile forms by	cence dorée in grapevine. ection Crop Description a Grapevine inot Noir Description: Row Spacing, Unit avescence dorée rapevine obtain the utmost root-takin,	seedlings : 4 m g in the experimental vineyard: ms per leaf on a representative sample

### Assessments made at each application

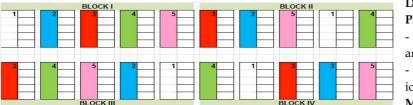
- · rainfalls
- soil and air temperature
- wind sped
- relative humidity
- · cloud presence
- · leaf wetness
- phenologic stage
- The characteristics of the plants will be specified for each application: height of the canopy, LAI, etc...
- Application timing
- ABCDEFG: leaf applications; spray volume: 1.000 L/ha. The beginning of the applications will be approximately at BBCH 13-14. Interval 10-12 days. End of application BBCH 85-89 approximately.
- X: application on the ground during the planting of the rooted cuttings

### Geographic Area/Environmental Considerations:

The experimental vineyards will be chosen in areas with high incidence of FD (Calosso, Castiglione Tinella).

The experimental plots consist of 20 rooted cuttings per thesis. Each thesis has 4 plots, each one with 5 plants organized inside the vineyard according to the system of randomized blocks (fig. 1).

# Fig. 1. Example of plots organization inside the experimental field



Data to Collect:

Phenologic stage

- The BBCH code will be specified for each application and assessment.
- The numeric results will be completed by appropriate iconographic material.

### Meteorological data

- detailed weather reports will be made during the whole experimental period: hourly and daily temperatures, rainfalls, soil and air humidity, wind.

### **Assessments - efficacy**

The efficacy of each product will be measured in terms of quantity of affected plants at the end of the agronomic season. Three controls will be made (middle of June, middle of July and middle of August) in each vineyard and the affected plants with at least three specific symptoms of FD will be specified.

#### Assessments - selectivity

The possible phytotoxicity on the plant due to the tested products will be evaluated. Vigor, necrosis, color changes will be considered accurately. Any anomalous symptom will be photographed in support of the analytic evaluations.

# Assessments- Non target organisms

- each effect (positive or negative) on other diseases will be reported.

- each effect (positive or negative) on pollinating insects or useful entomofauna will be reported.

- each effect (positive or negative) on the next crops will be reported.

#### Statistical Analysis:

The data will be worked out through the variance statistical analysis and compared with the Duncan test, with a significance level of 0.5%

#### **General Comments:**

# Time schedule

Beginning of the field trial: May 2018

End of the field trial: November 2020

Every year a complete report of the trial progress will be made. After the first assessment (in the month of July) a first report with the partial results will be delivered. At the end of the season, in the month of October, the final report will be delivered.

# Archiving

The protocol, raw data and a copy of the final report are lodged in the record office of VitEn s.a.s., Via Bionzo 13 Calosso (AT) 12051 - Italy.

# Reporting

The study will be reported using the VitEn standard form:

One paper copy of the final report and a Project Summary Disc (containing the study data and the report in Excel format and PDF format along with any other relevant study information)