Métabolites spécialisés et manipulation comportementale des insectes : vers de nouvelles stratégies de contrôle des ravageurs ?





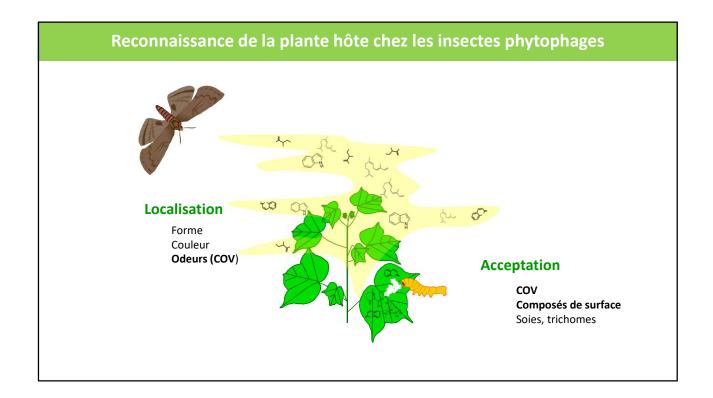


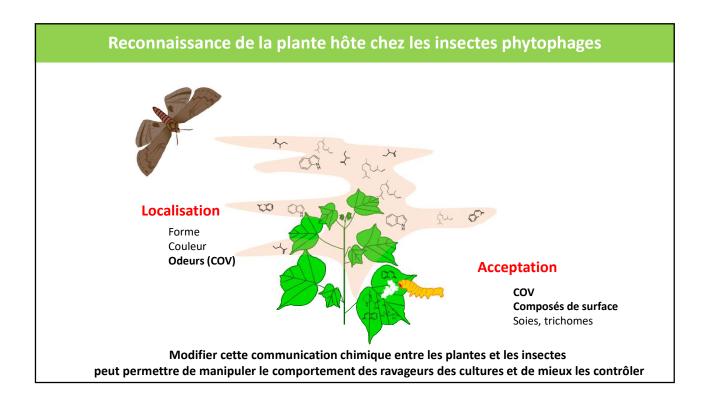


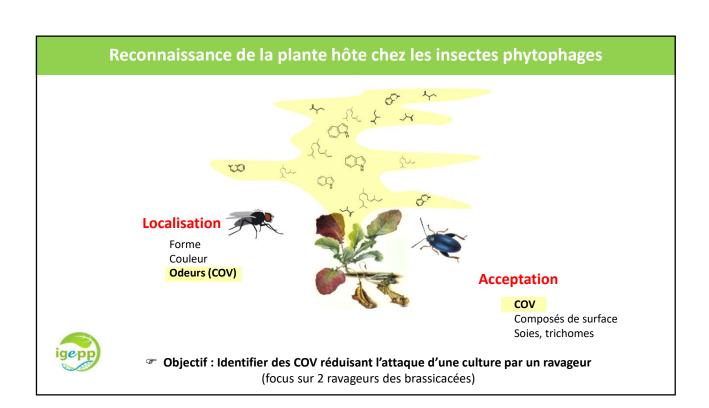












La mouche du chou, Delia radicum



Phytophage oligophage Spécialiste des brassicacées, ravageur important des cultures légumières

















La mouche du chou, *Delia radicum*





Les femelles pondent au collet des plantes



Les larves creusent des galleries dans les racines et s'y développent



La nymphose a lieu dans le sol

La mouche du chou, Delia radicum











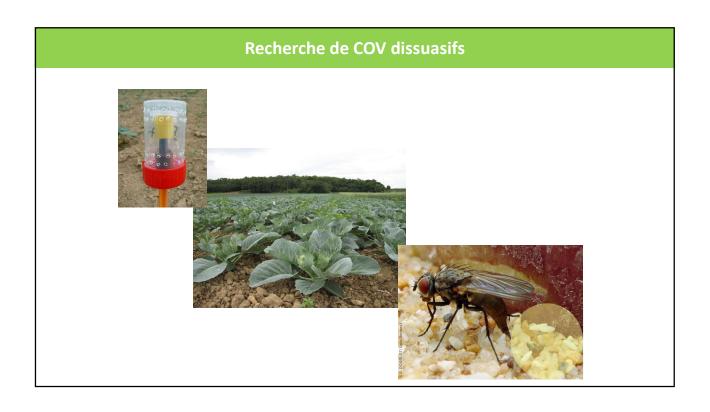


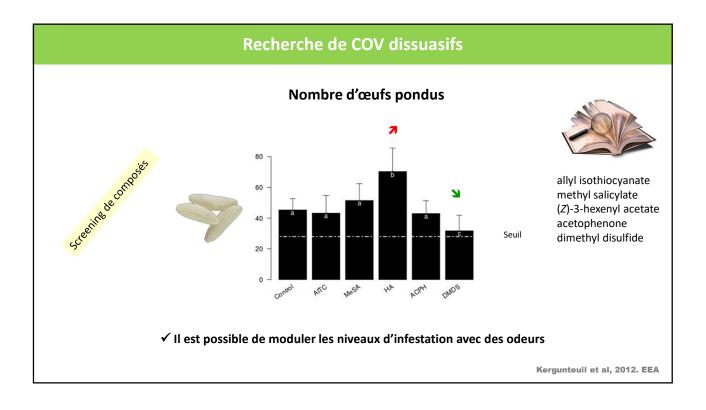
Exemples de dégâts provoqués par la mouche du chou

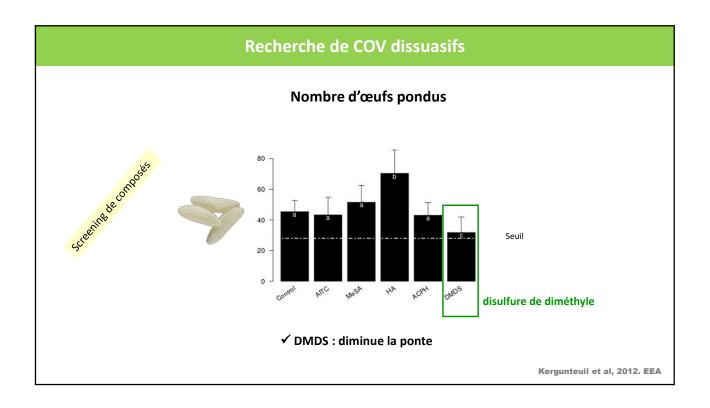
La mouche du chou, Delia radicum

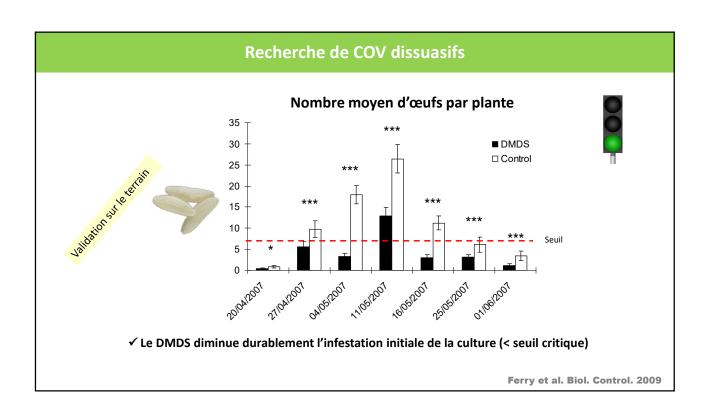


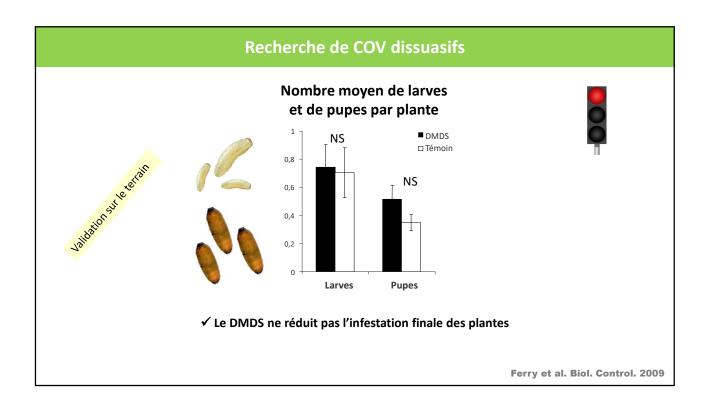
Des pertes qui peuvent être totales en l'absence de traitement

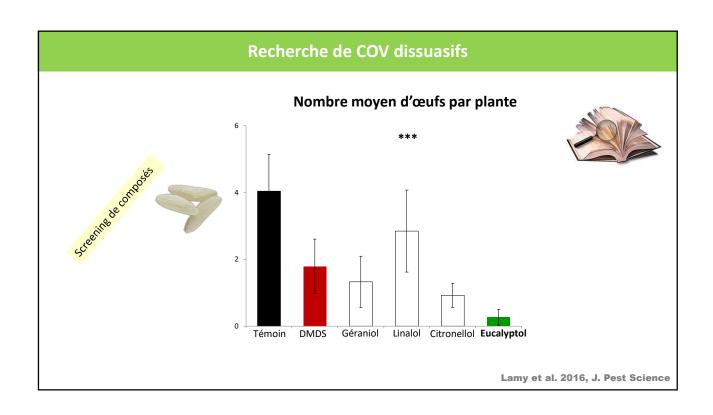


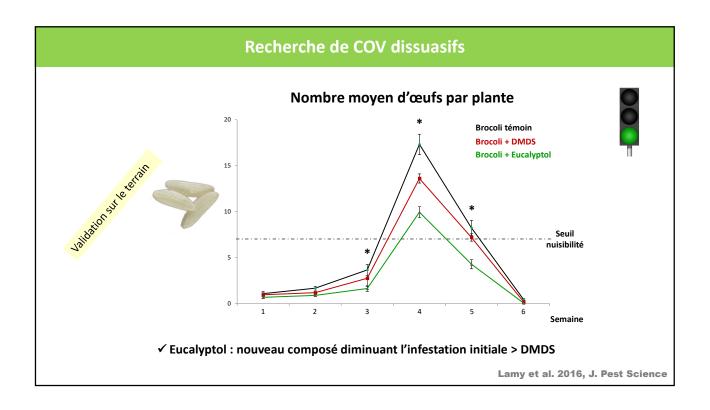


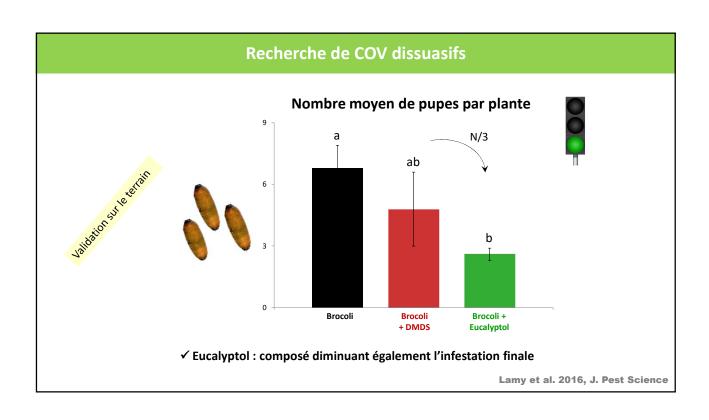


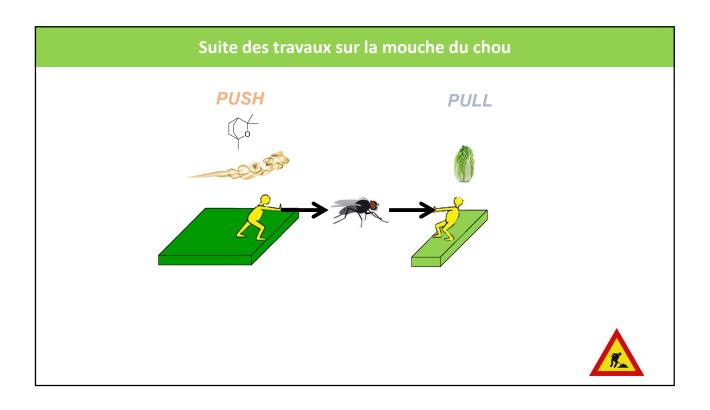


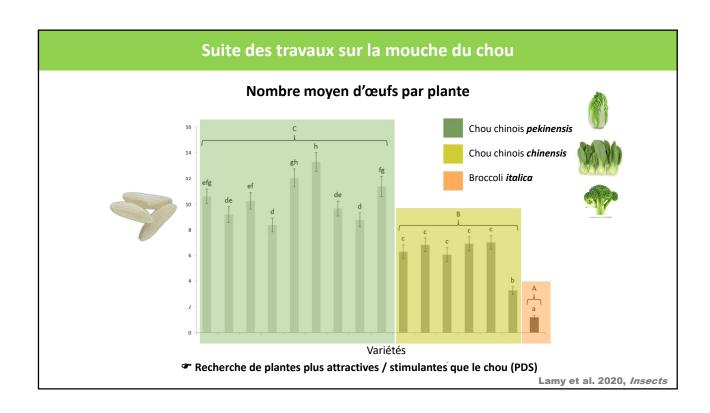


















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L'UNIVERSITE DE RENNES

Par Margot TIXERONT

Des odeurs pour protéger les cultures de colza contre son principal insecte ravageur : la grosse altise, *Psylliodes chrysocephala*

La grosse altise, Psylliodes chrysocephala





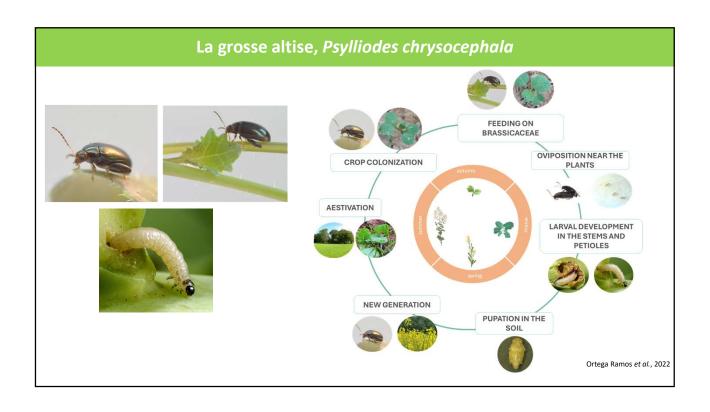


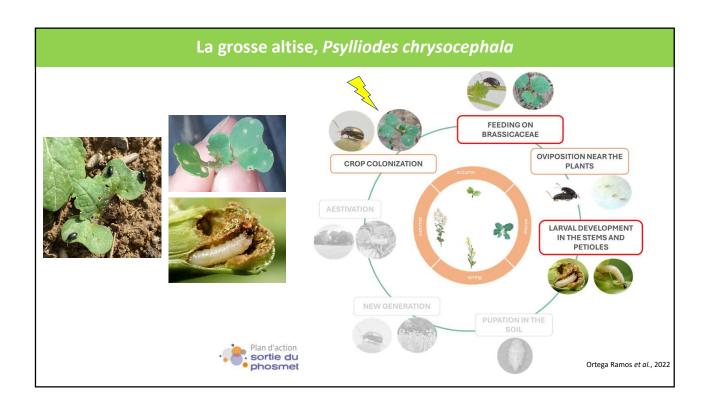
Retrait des substances actives (phosmet)

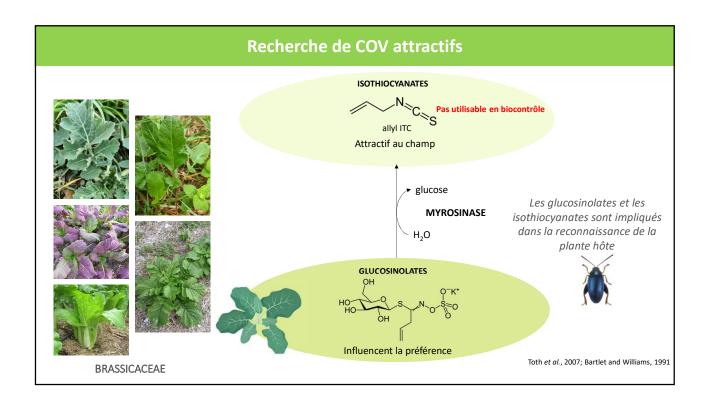
Impasse technique

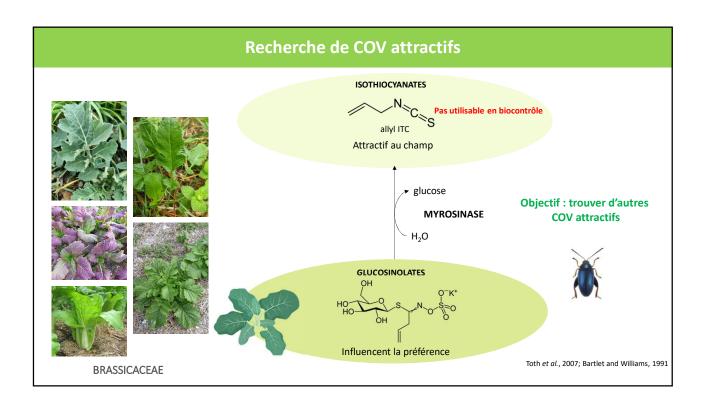
Evolution des surfaces de colza d'hiver en France

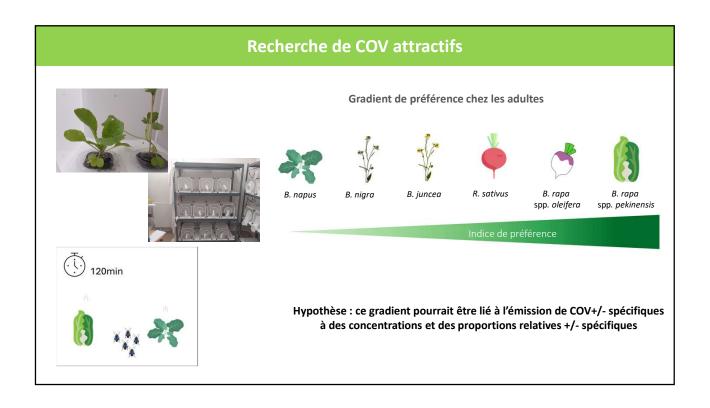


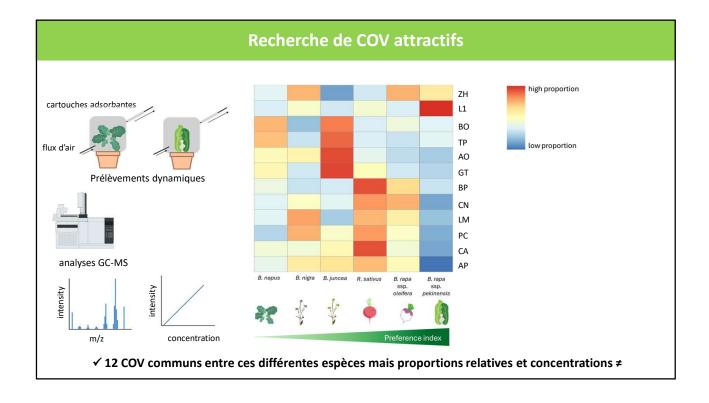


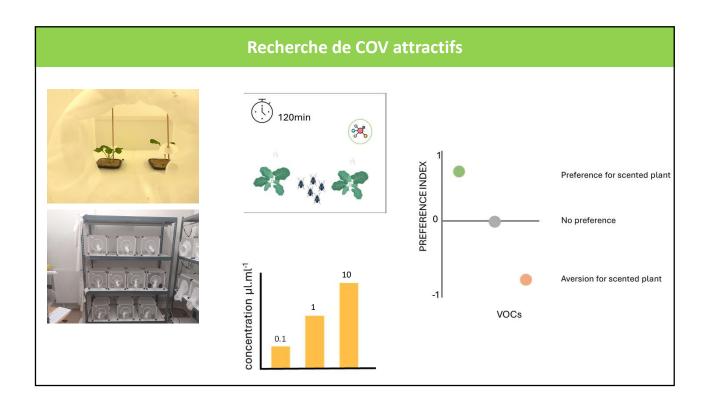


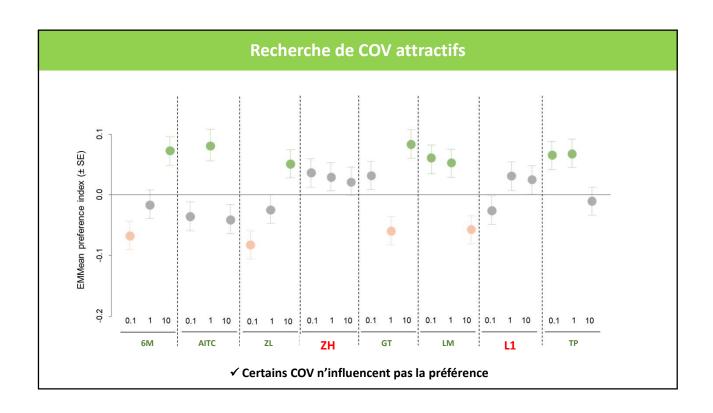


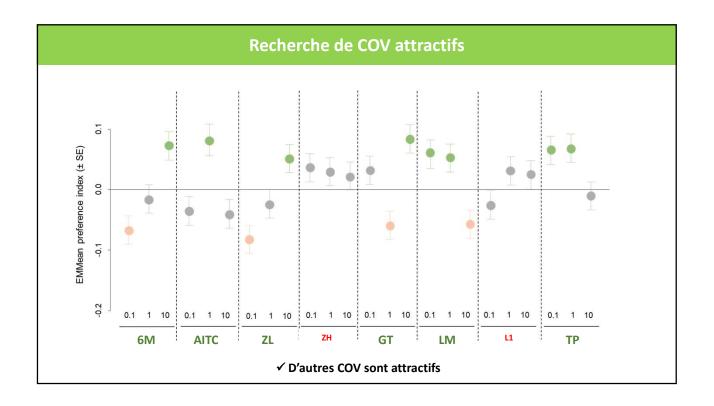


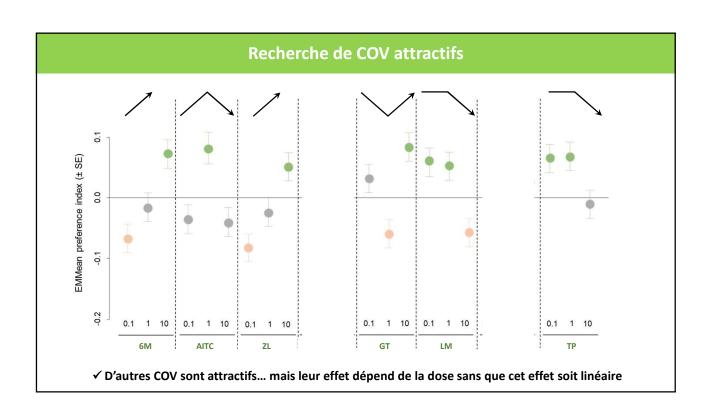


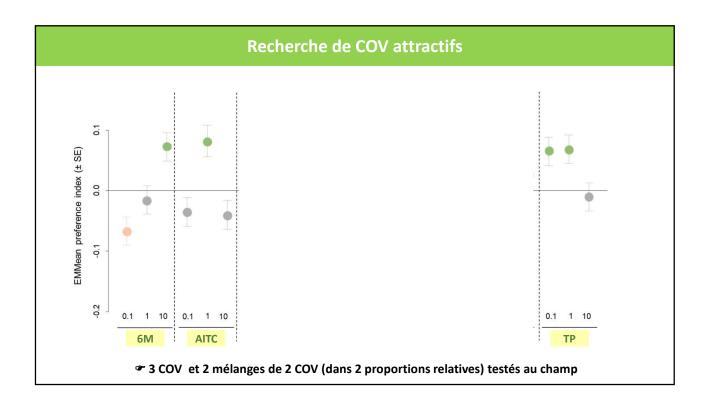


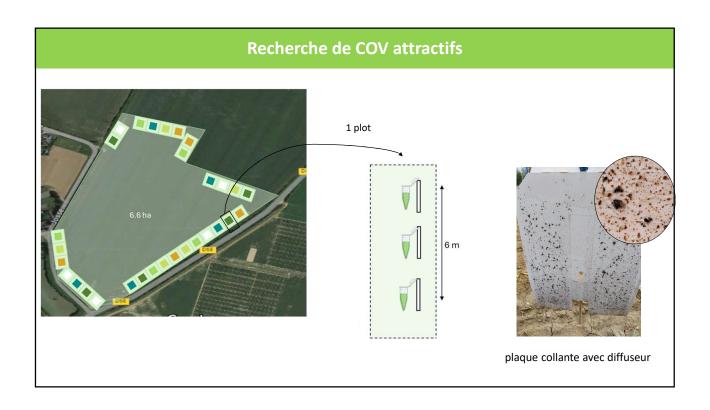






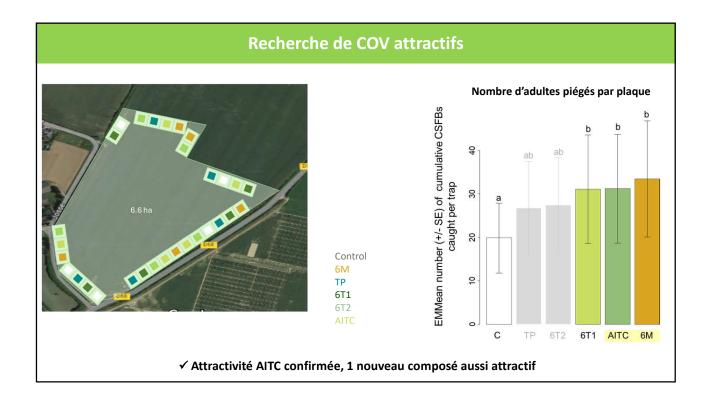






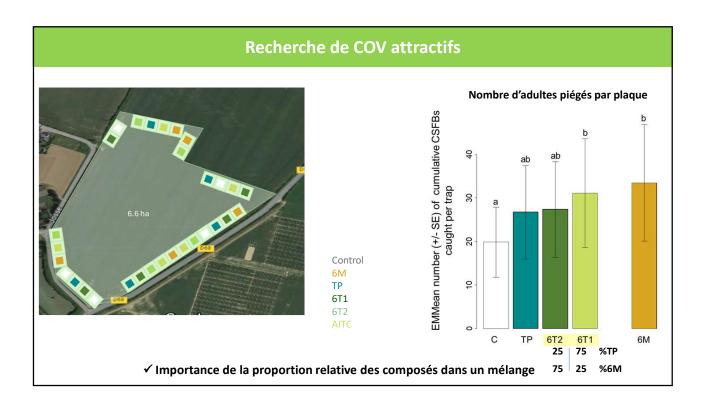
Recherche de COV attractifs

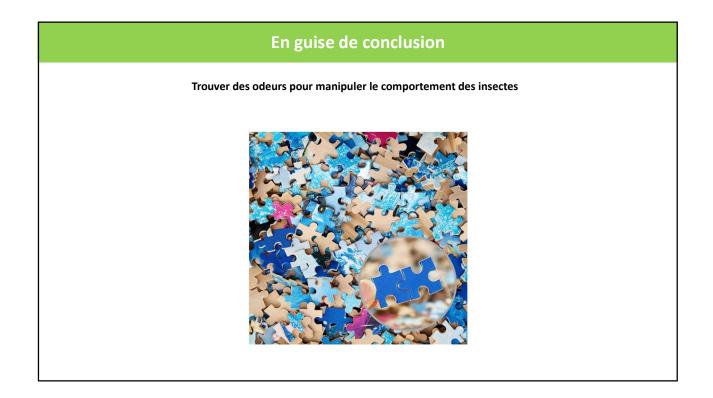
Nombre d'adultes piégés par plaque EMMean number (+/- SE) of cumulative CSFBs caught per trap 20 9 С TP 6T2 6T1 AITC



Control 6M TP

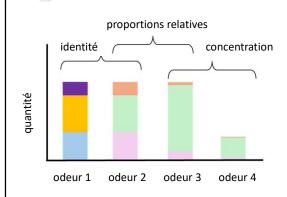
6T1 6T2



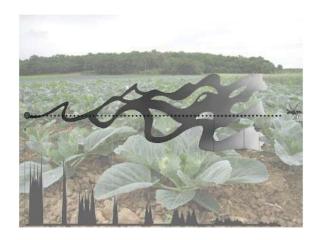


En guise de conclusion

Trouver des odeurs pour manipuler le comportement des insectes



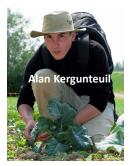




...qui varient avec la distance à la source et le contexte odorant sur le terrain

















Merci de votre attention MANIPULATION