

Les modes d'action herbicides en France



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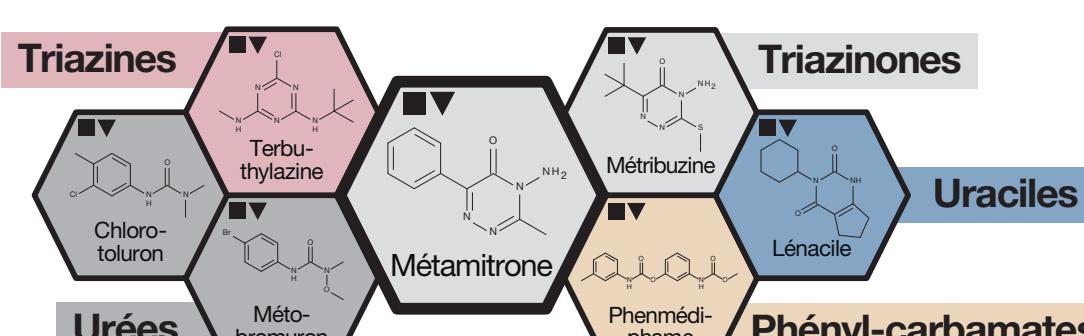
BASF

We create chemistry

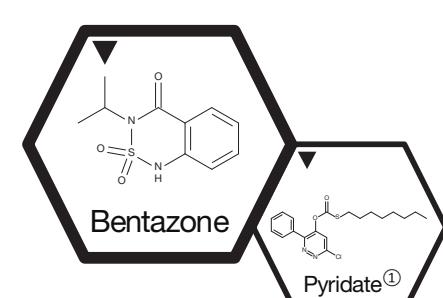
Actura

Stress oxydant

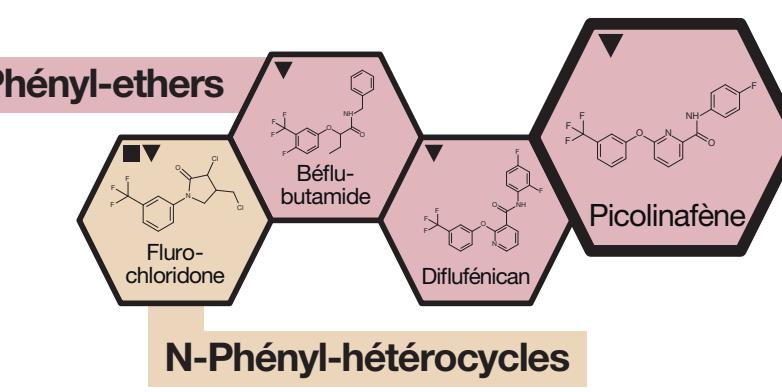
5 Inhibition de la photosynthèse PS II - Serine 264



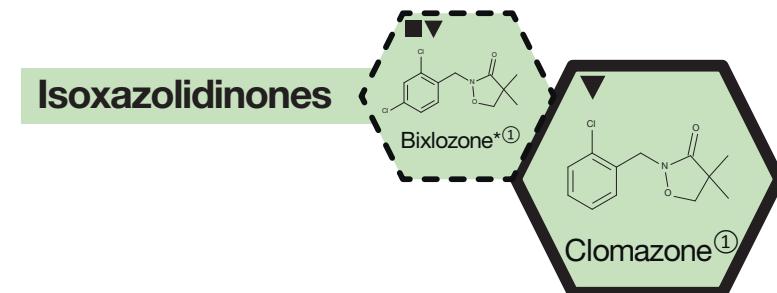
6 Inhibition de la photosynthèse PS II - Histidine 215



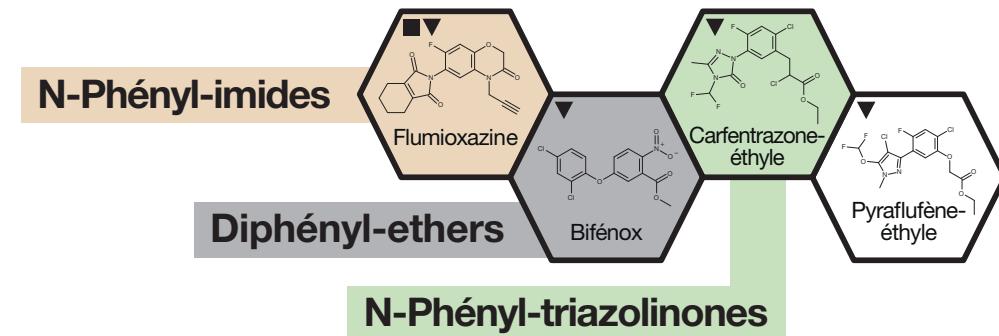
12 Inhibition de la phytoène désaturase (PDS)



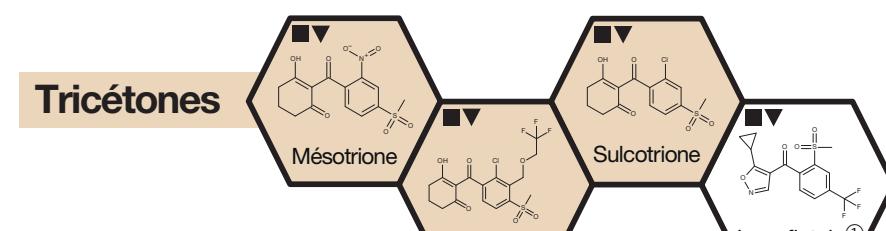
13 Inhibition de la déoxy-D-xylulose phosphate synthase (DOXP)



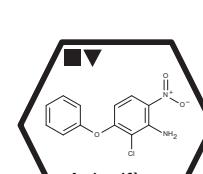
14 Inhibition de la protoporphyrinogène oxydase (PPO)



27 Inhibition de l'hydroxyphényl pyruvate dioxygénase (HPPD)

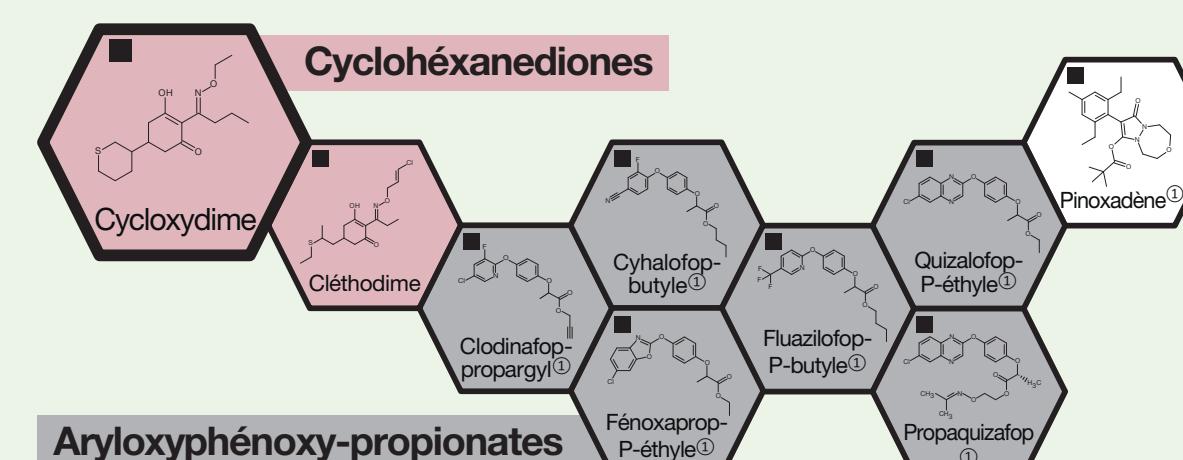


32 Inhibition de la solanésyl diphosphate synthase

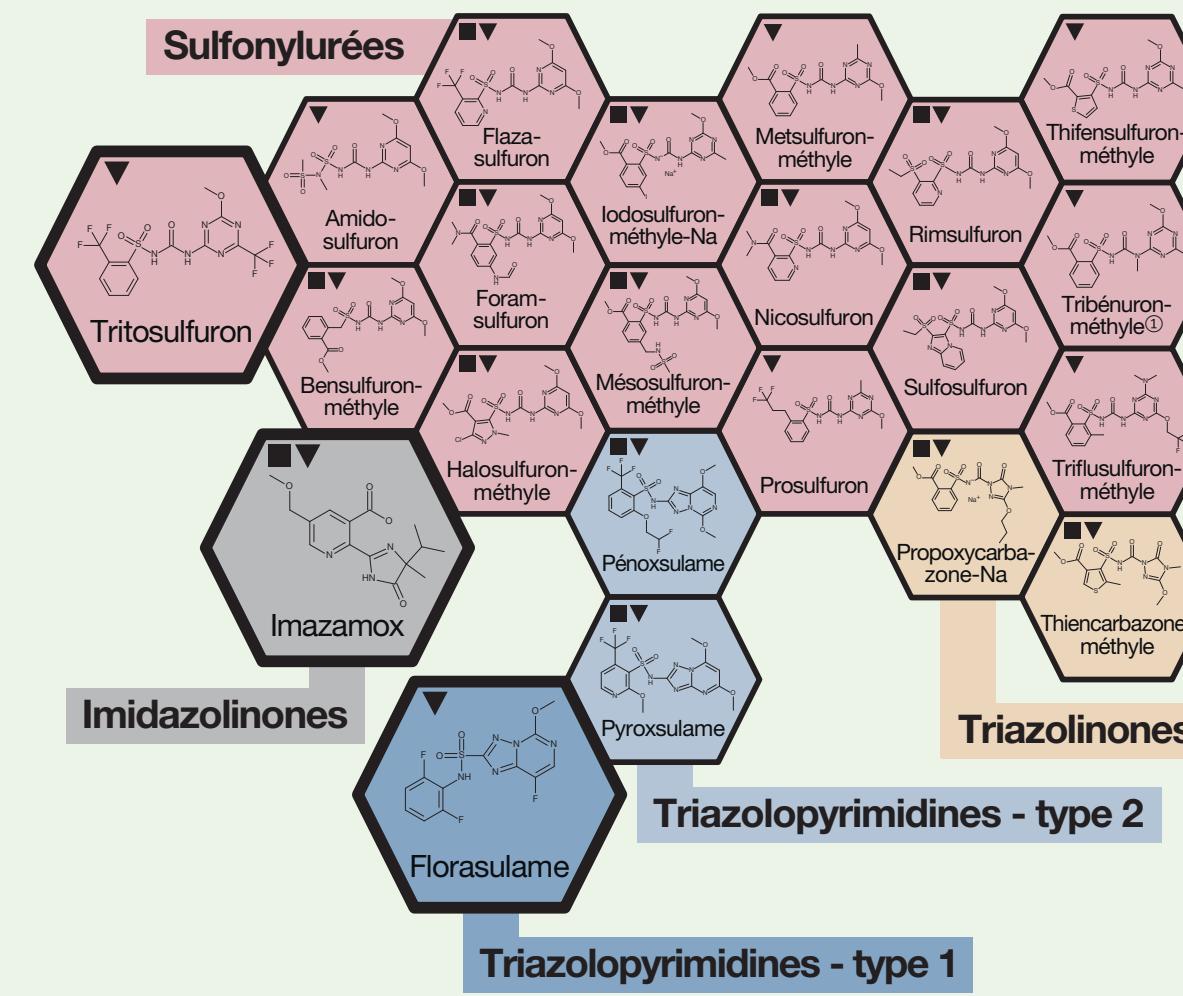


Métabolisme cellulaire

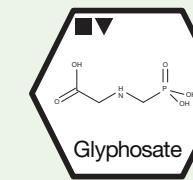
1 Inhibition de l'acetyl coenzyme-A carboxylase (ACCase)



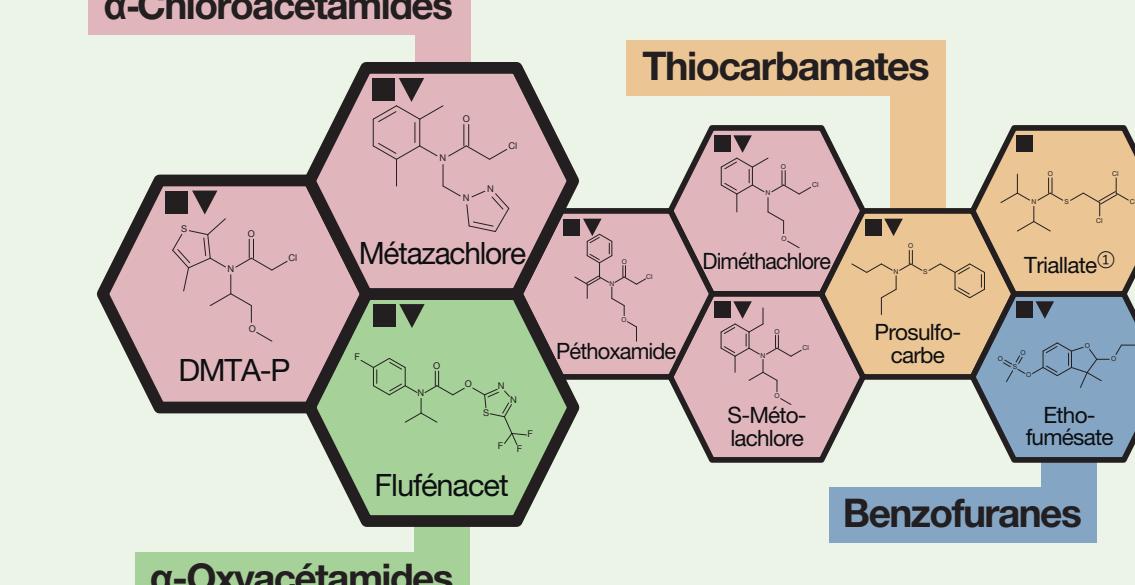
2 Inhibition de l'acétolactate synthase (ALS)



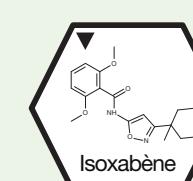
9 Inhibition de l'EPSP synthase



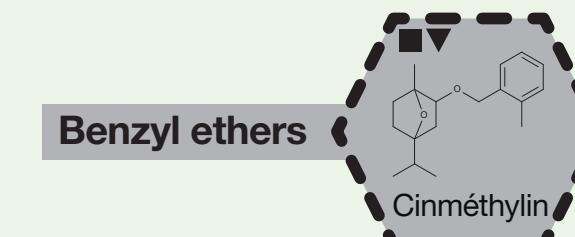
15 Inhibition de la synthèse des acides gras à très longue chaîne (VLCFA)



29 Inhibition de la synthèse de la cellulose

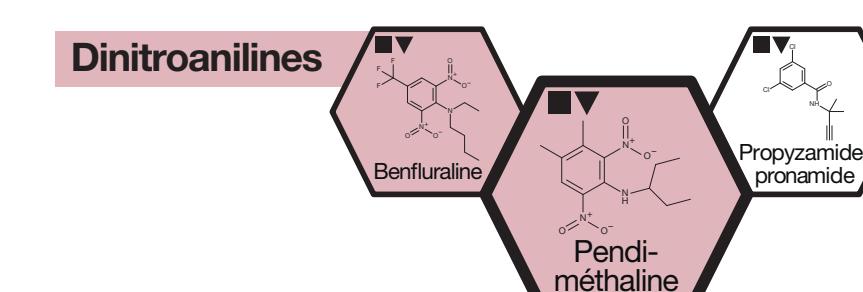


30 Inhibition des thioestérases des acides gras (FAT)

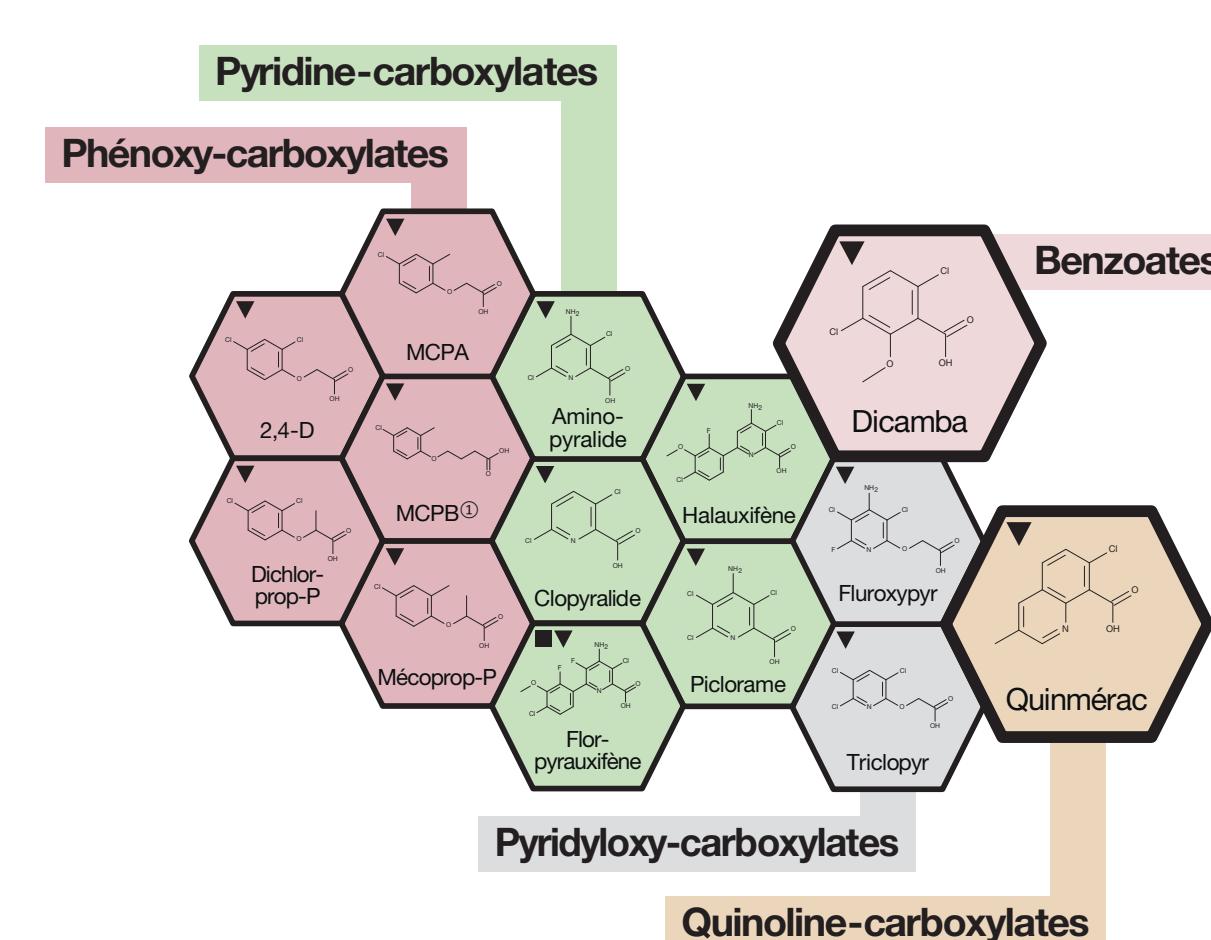


Croissance et division cellulaire

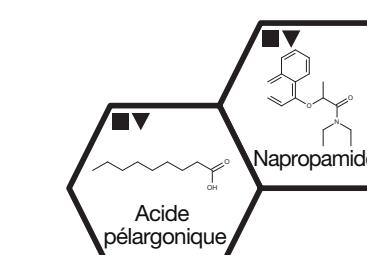
3 Inhibition de l'assemblage des microtubules



4 Auxines de synthèse



Ø Mode d'action inconnu



Nouveau groupe HRAC	Ancien groupe HRAC	Voie métabolique inhibée
1	A	Inhibition de l'ACCase
2	B	Inhibition de l'ALS
3	K1	Inhibition de l'assemblage des microtubules
4	O	Auxines de synthèse
5	C1 C2	Inhibition de la photosynthèse PS II - Sérine 264
6	C3	Inhibition de la photosynthèse PS II - Histidine 215
9	G	Inhibition de l'EPSP synthase
12	F1	Inhibition de la PDS
13	F4	Inhibition de la DOXP synthase
14	E	Inhibition de la PPO
15	K3 N	Inhibition de la synthèse des acides gras à très longue chaîne (VLCFA)
27	F2	Inhibition de la HPPD
29	L	Inhibition de la synthèse de la cellulose
30	Q	Inhibition des FAT
32	S	Inhibition de la solanésyl diphosphate synthase
Ø	Z	Mode d'action inconnu

Legendes

- Lutte contre les monocotylédones/graminées.
- ▼ Lutte contre les dicotylédones.
- Substances actives entrant dans la composition des solutions commercialisées par BASF.
- - - En cours d'homologation.
- (1) Pro-herbicide.