

➤ Nouvelles stratégies d'alimentation sur mesure pour la carrière des truies

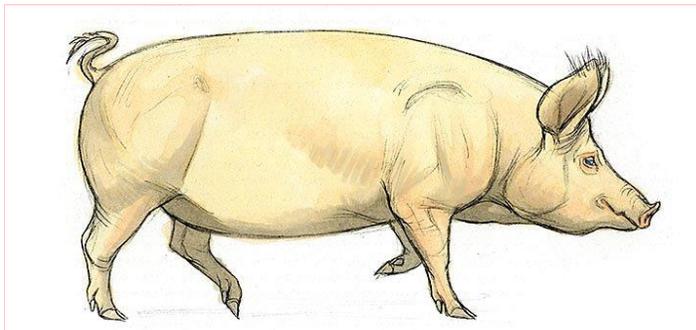
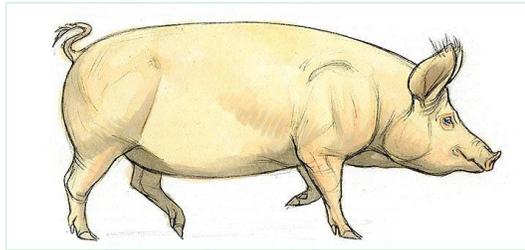
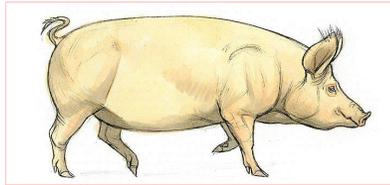
Bourse Crédit Agricole Ile de France Mécénat – Académie d'agriculture de France

Doctorant: **Clément RIBAS**

Directrice de thèse: Charlotte GAILLARD (INRAE)

Co-encadrante de thèse: Nathalie QUINIOU (IFIP)

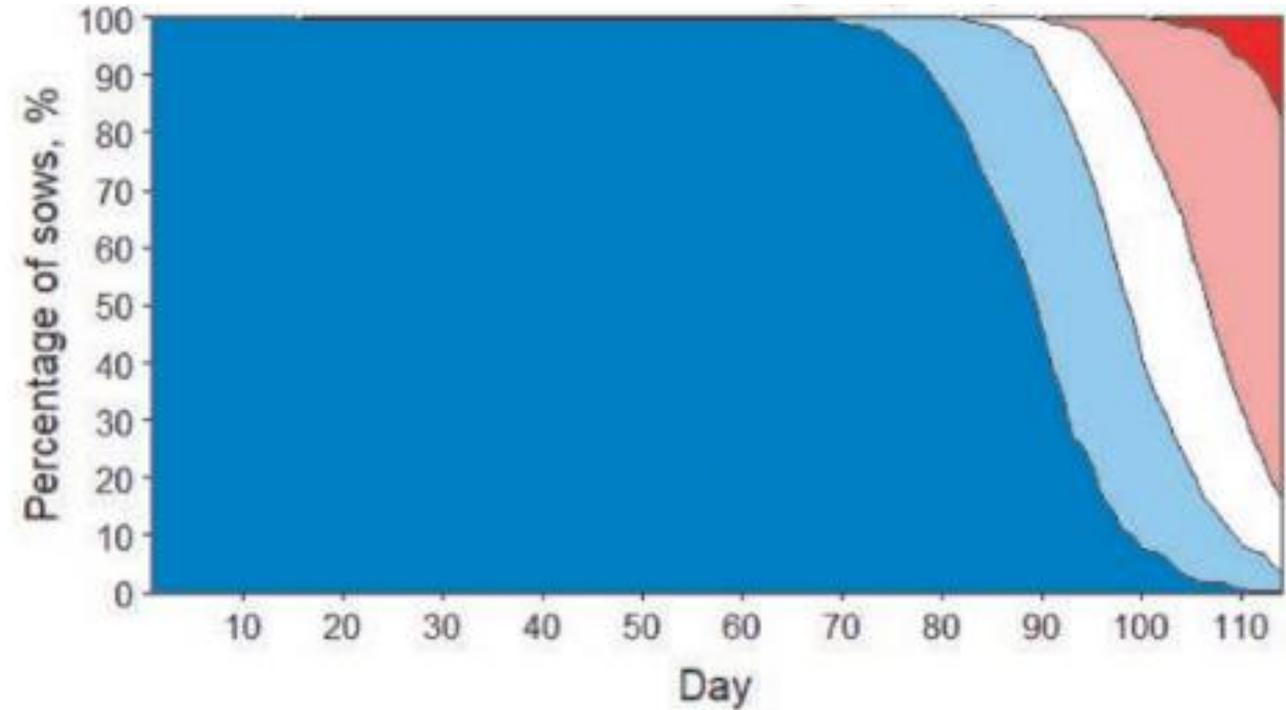
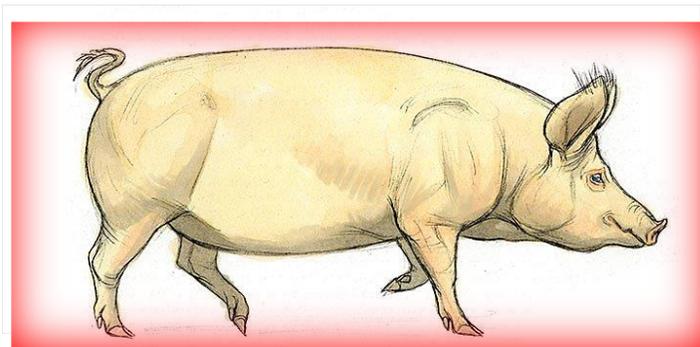
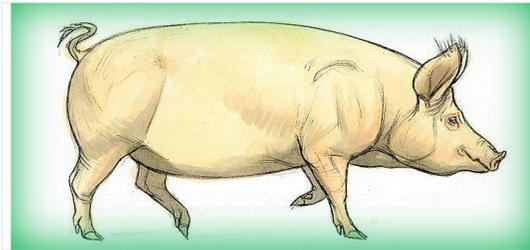
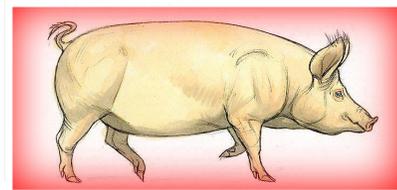
ALIMENTATION DES TRUIES EN GESTATION



(~ 115 jours)



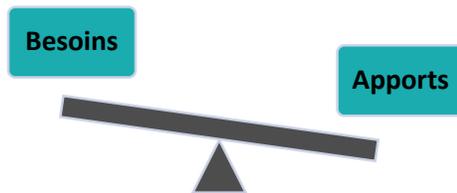
ALIMENTATION DES TRUIES EN GESTATION



Excès, Besoin, Carence

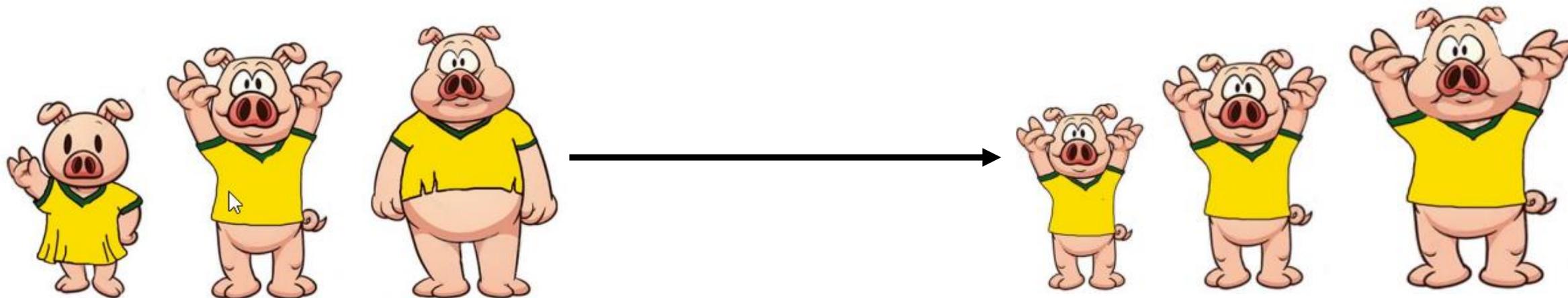
ALIMENTATION SUR MESURE

- Alimentation sur mesure: ajustement dynamique le plus fin possible des apports nutritionnels (en quantité et en qualité) aux besoins des animaux. (Pomar et al., 2009)



ALIMENTATION SUR MESURE

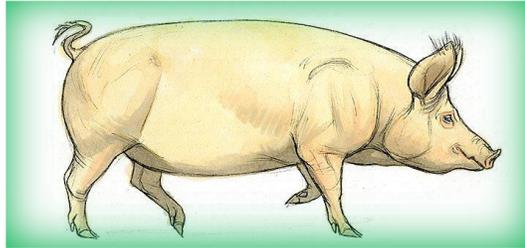
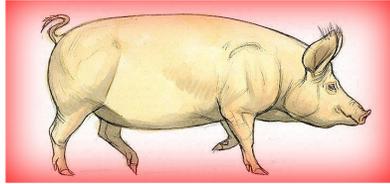
- Alimentation sur mesure: ajustement dynamique le plus fin possible des apports nutritionnels (en quantité et en qualité) aux besoins des animaux. (Pomar et al., 2009)



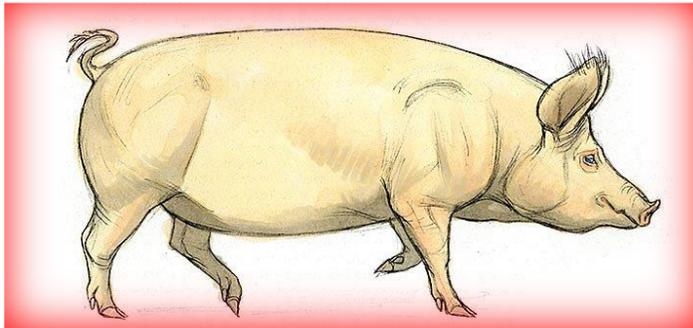
Ajuster les apports aux besoins

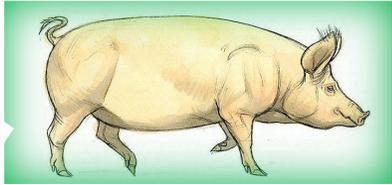


ALIMENTATION SUR MESURE



*Suivez-nous
dans notre
alimentation*

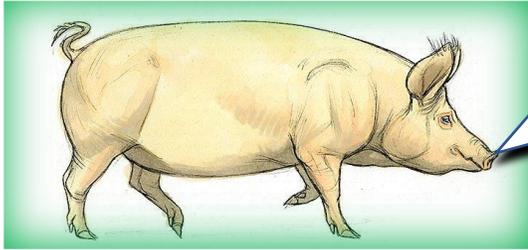




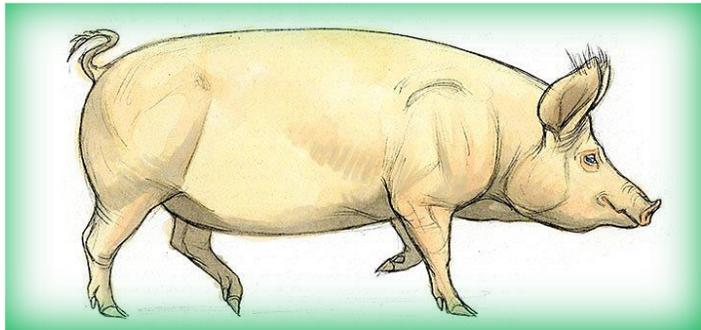
Pauvre en
acides aminées

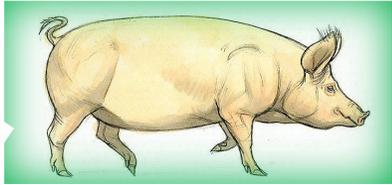


*Chouette!
2 aliments
différents*



Riche en
acides aminées

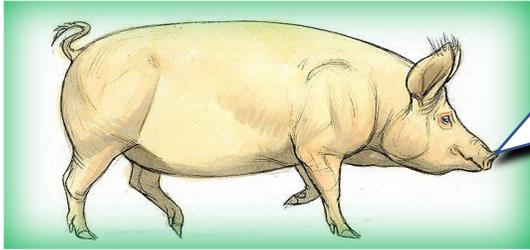




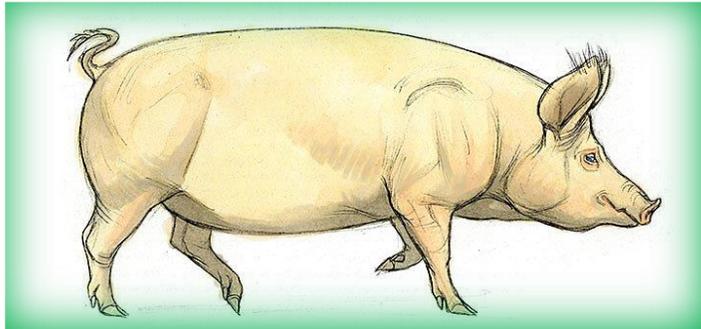
Pauvre en acides aminées



Chouette!
2 aliments différents

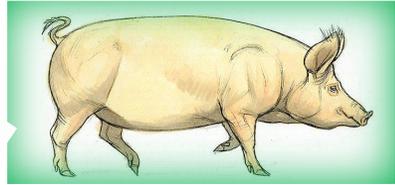


Estimation
des besoins
via un
modèle
nutritionnel



Riche en acides aminées



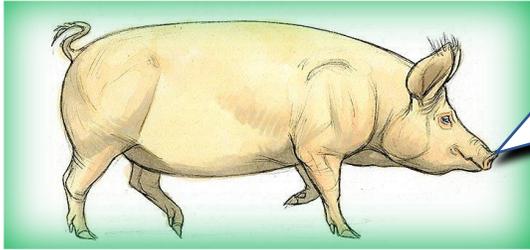


Pauvre en acides aminées

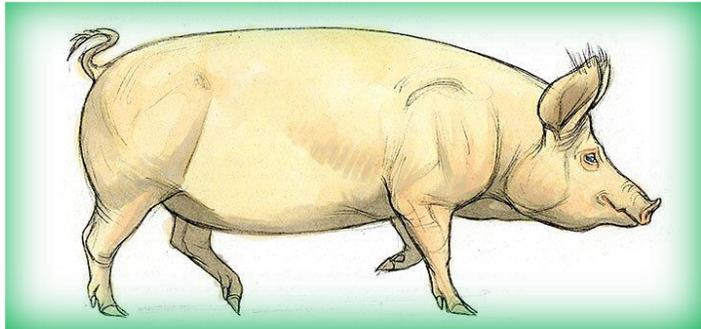
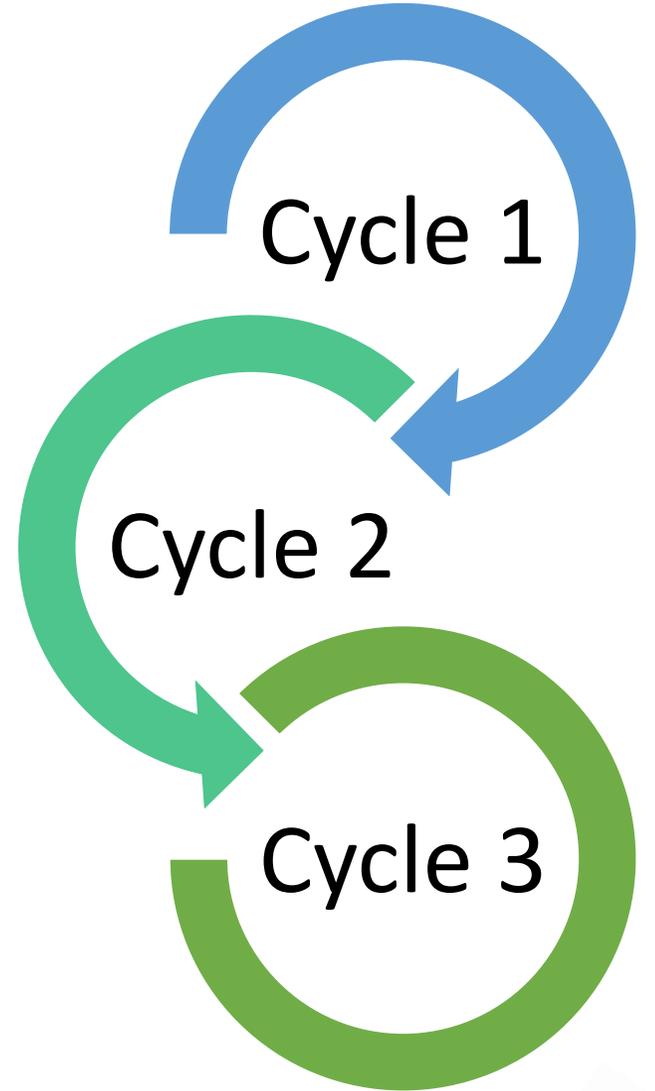


Estimation des besoins via un modèle nutritionnel

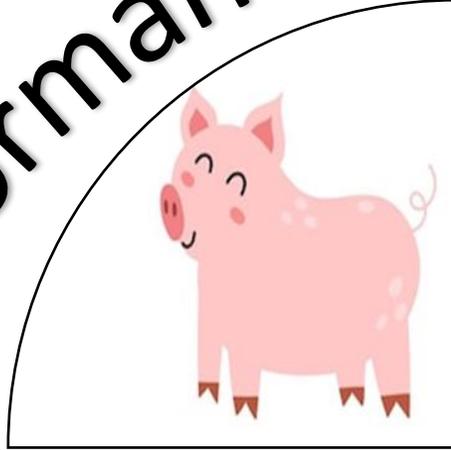
Chouette! 2 aliments différents



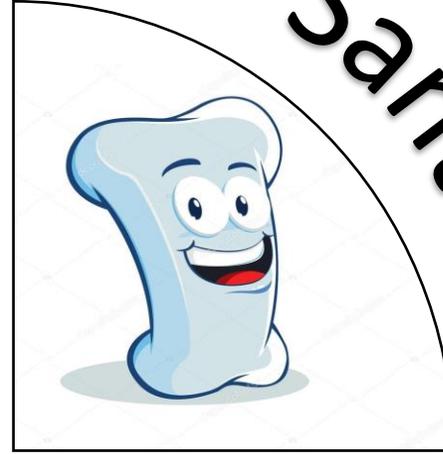
Riche en acides aminées



Performances

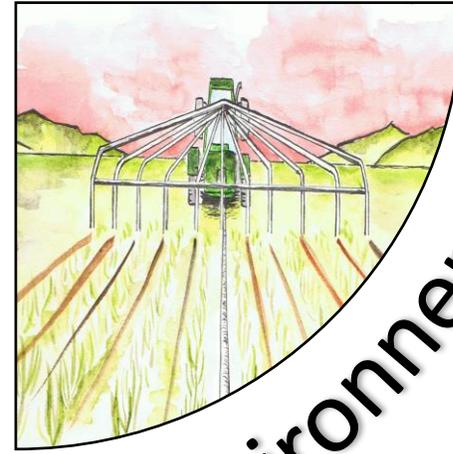


Santé



ALIMENTATION SUR MESURE

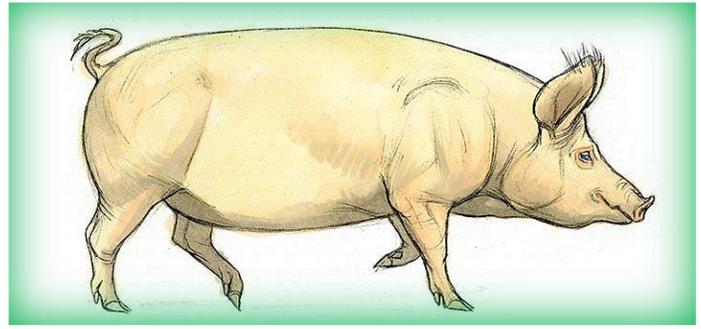
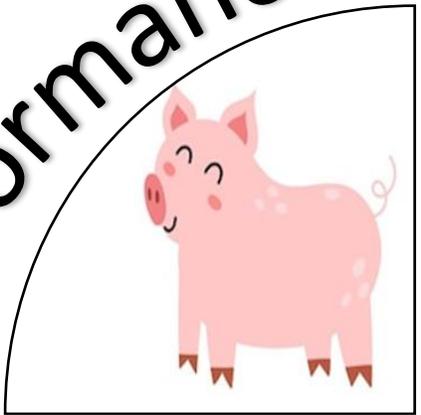
Economie



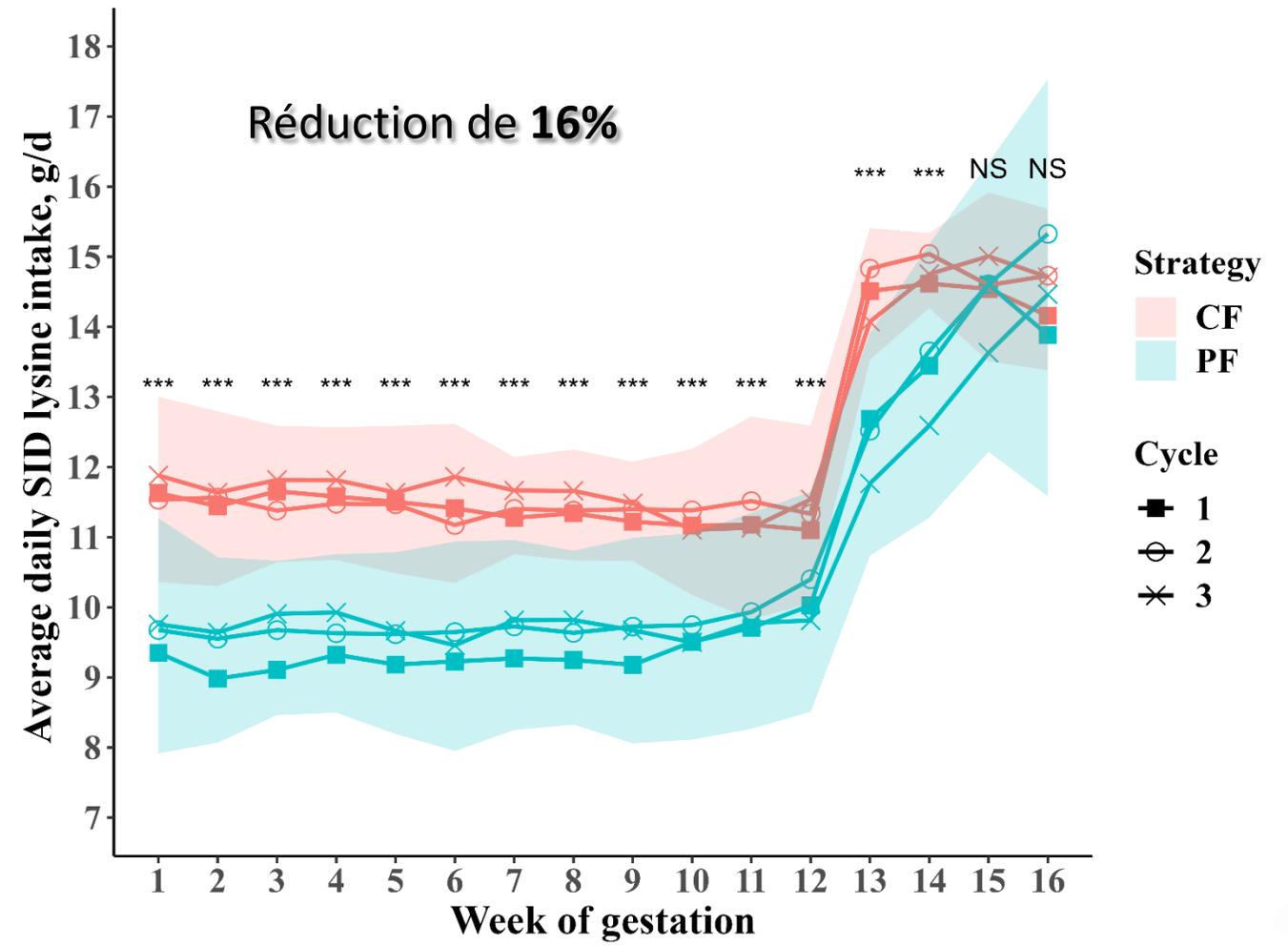
Environnement



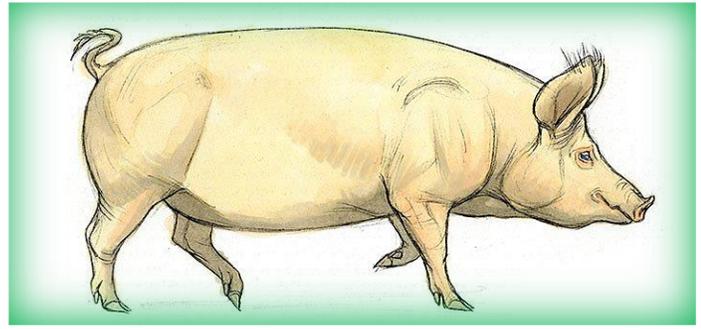
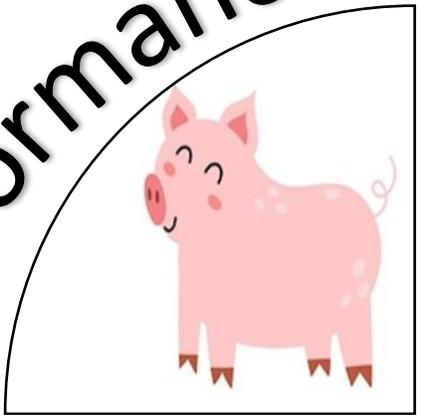
Performances



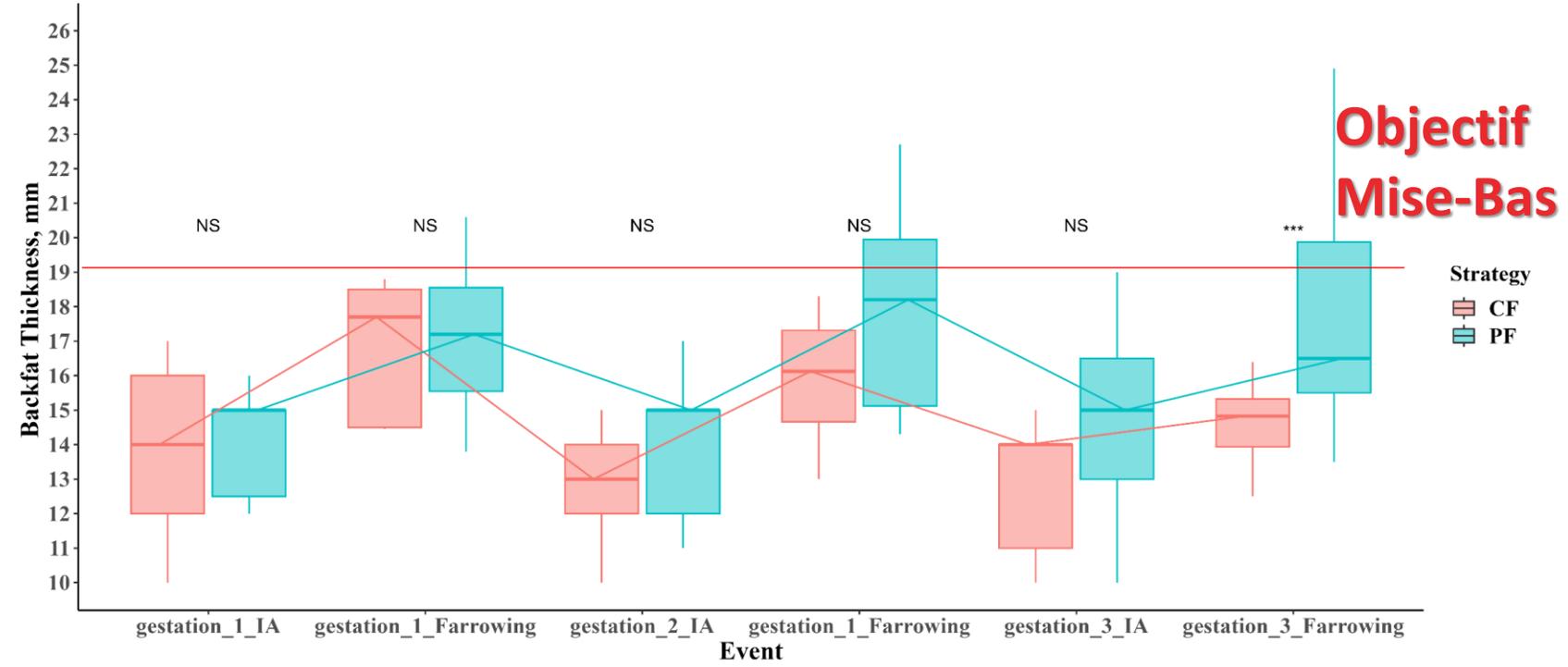
ALIMENTATION SUR MESURE : Consommation d'acides aminées



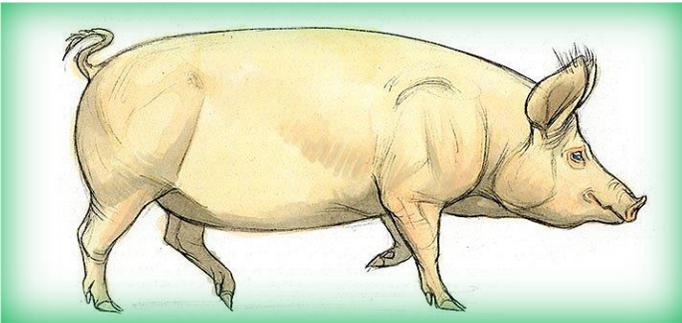
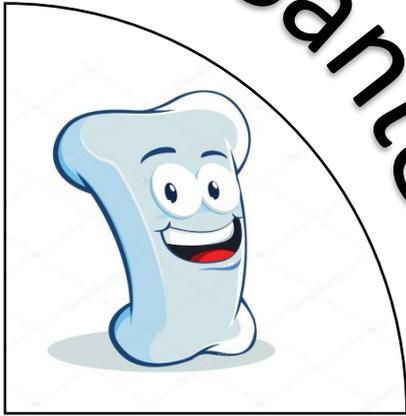
Performances



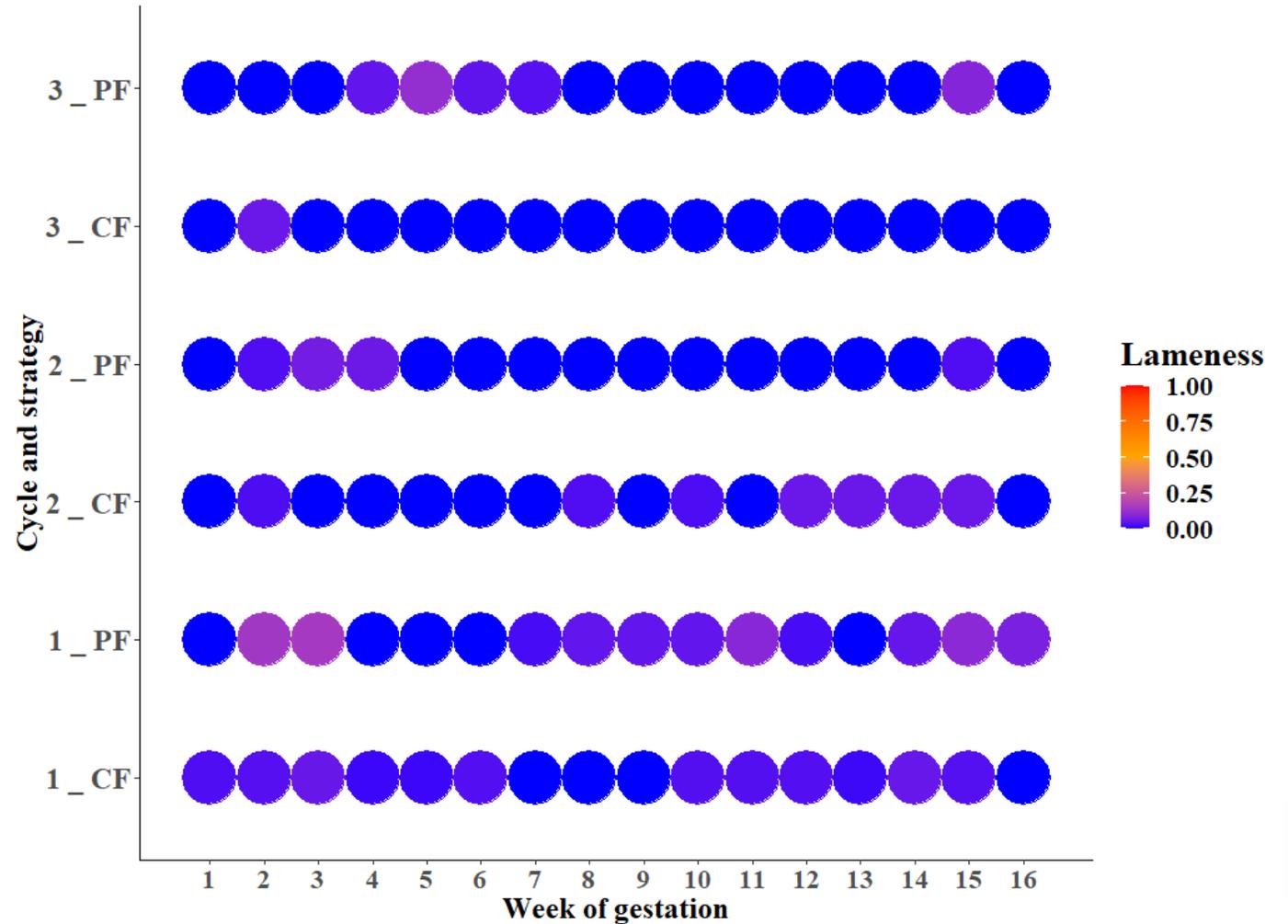
ALIMENTATION SUR MESURE : Réserves corporelles



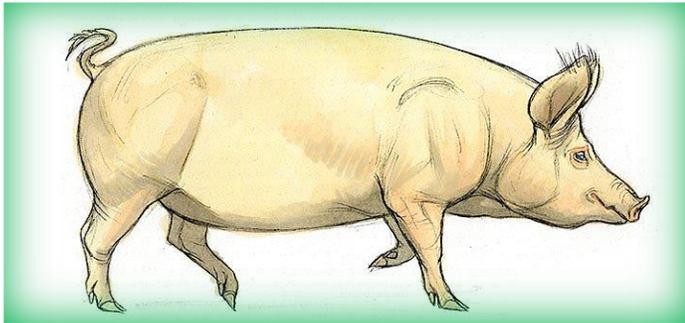
Santé



ALIMENTATION SUR MESURE : Occurrence des boiteries



ALIMENTATION SUR MESURE



Gain de 11€ / T d'aliments



Pauvre en
acides aminées



Riche en
acides aminées

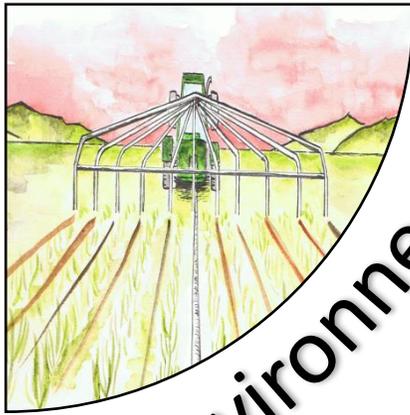
Vs.



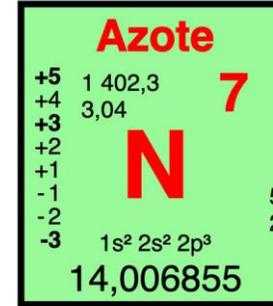
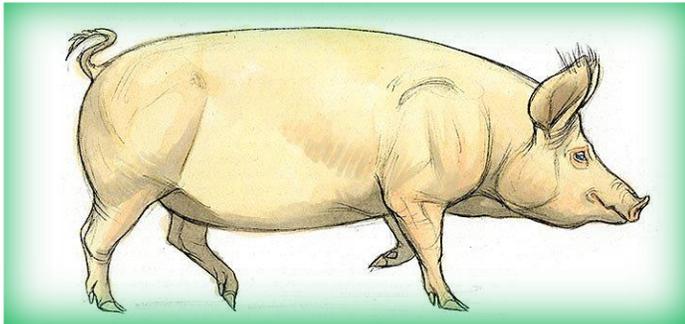
Standard en
acides aminées

Pas de gains au regard des quantités apportées par
stratégie d'alimentation

ALIMENTATION SUR MESURE



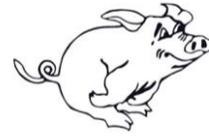
Environnement



Amélioration de 4 % de l'efficacité de l'utilisation de l'azote

Réduction de 5% de l'excretion d'azote

PERSPECTIVES



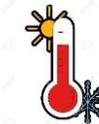
Prise en compte de l'activité physique individuelle



Ajustement aux besoins en minéraux



Prise en compte des pesées journalières



Prise en compte des températures





The 75th EAAP Annual Meeting

1/5 September 2024 - Florence, Italy

session 89 "Free communications in animal nutrition " : *'Impact of long-term precision feeding based on energy and lysine on the productive, economic and environmental performance of gestating sows'*



*Je vous remercie
de votre soutien !*



Bourse Crédit Agricole Ile de France Mécénat – Académie d'agriculture de France

28/05/2024 RIBAS Clément