

# Perspectives for Danish plantbreeding.

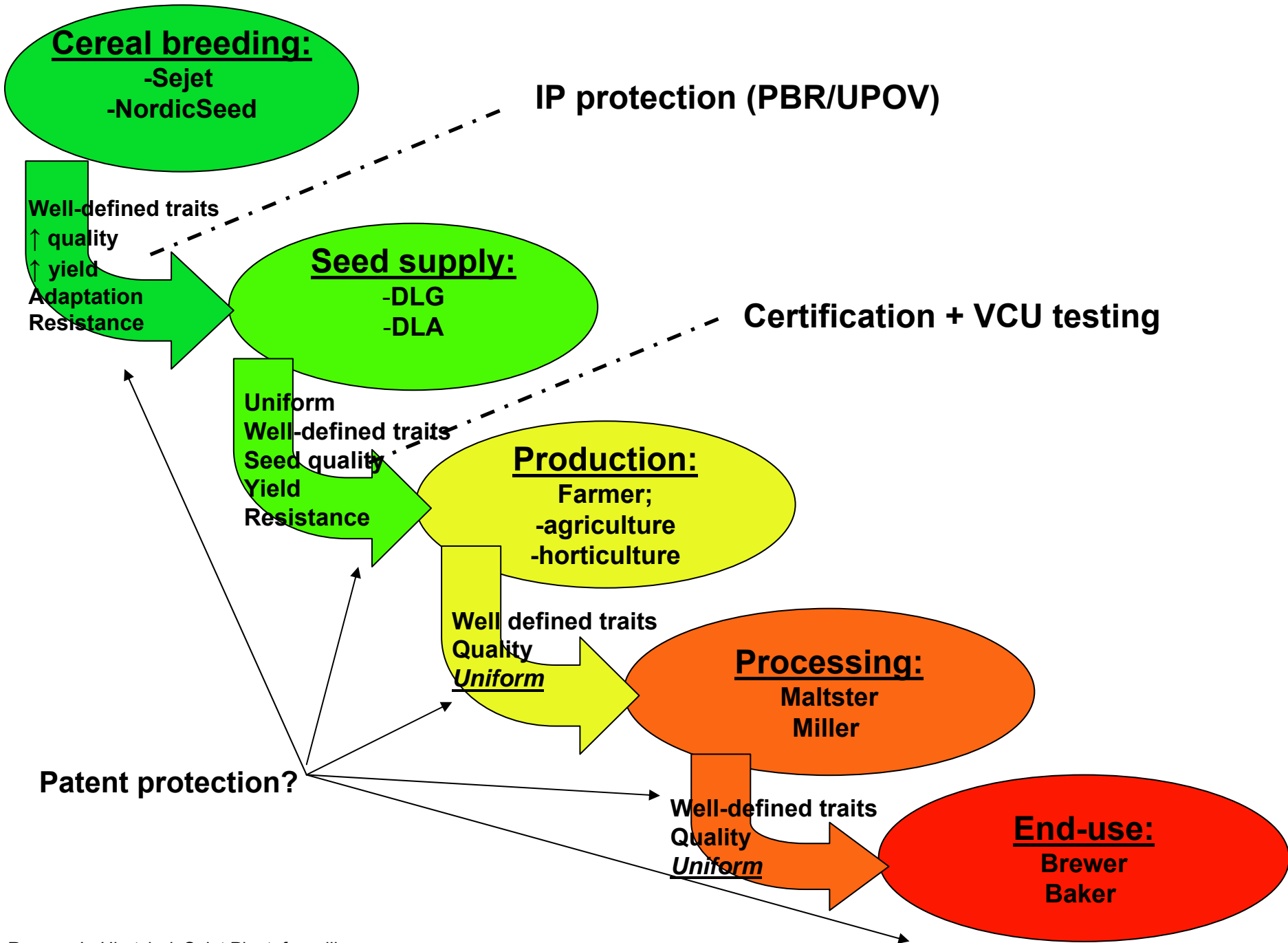
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# Why PVP-protection? Why seed certification?

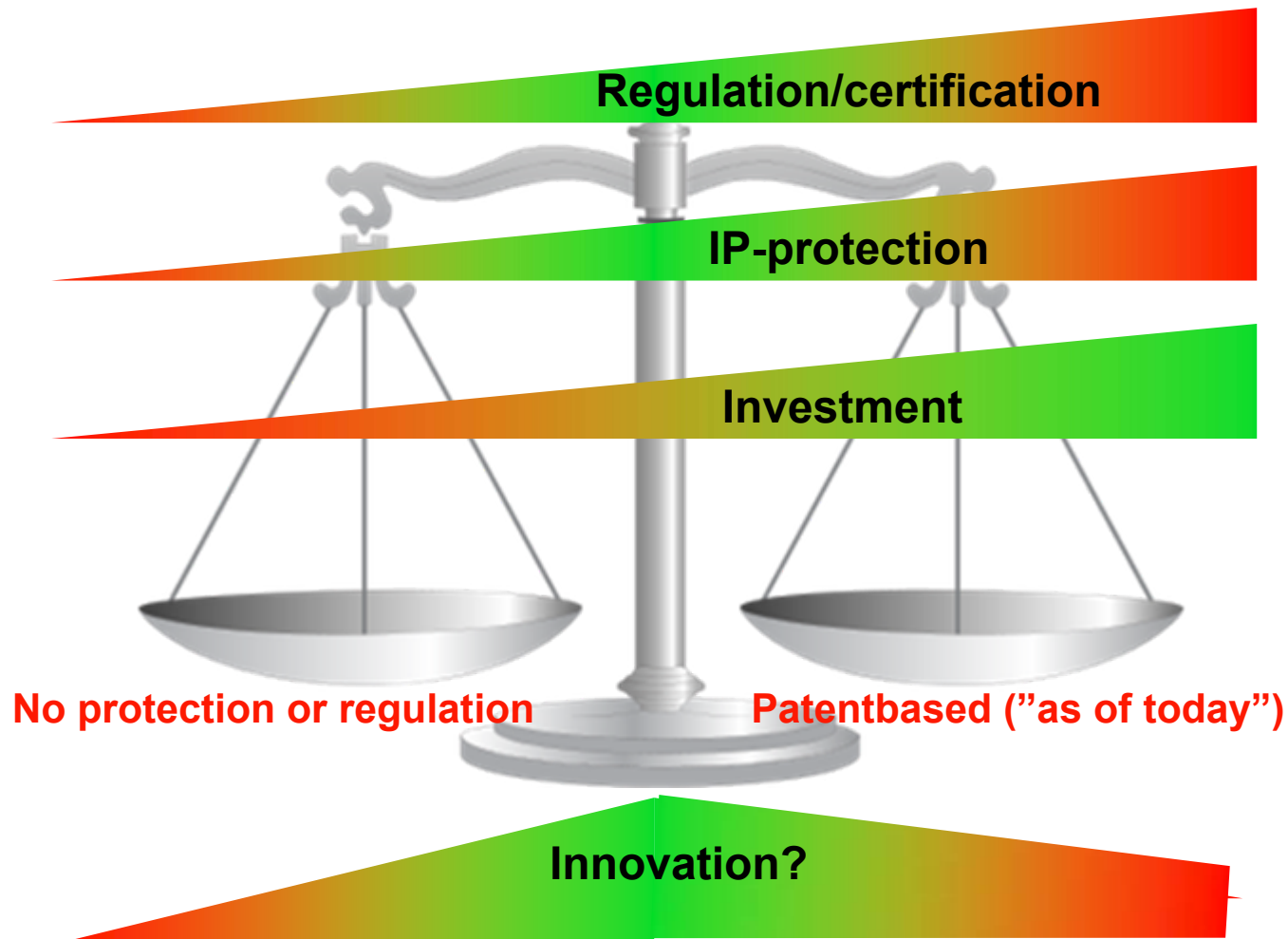




# Perspectives related to choice of technique

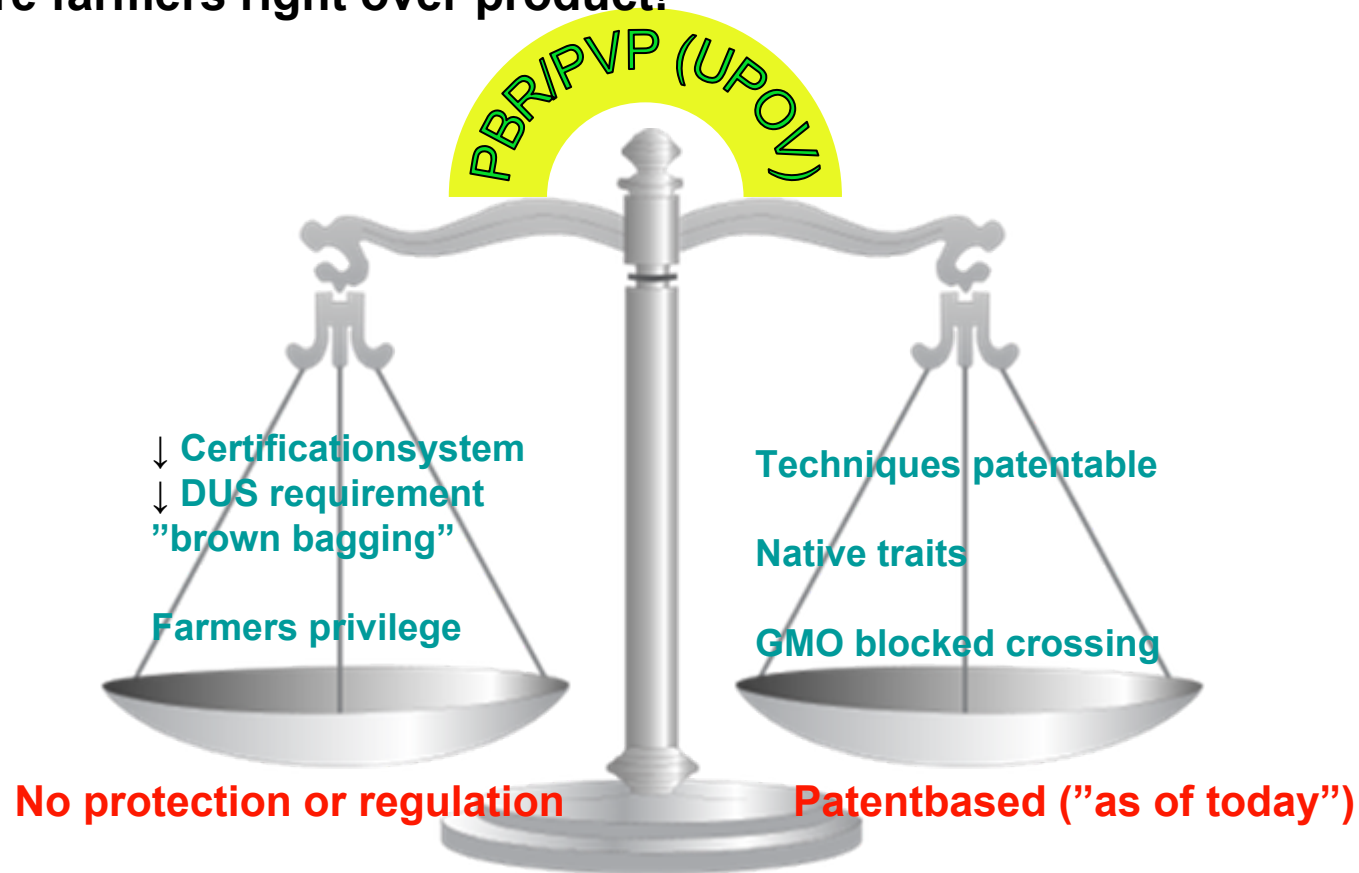
	Conventional	Biotech assisted	Biotech using GMO
Biological process	Limited (almost) within same species. Genomic linkage. General enhancement of the genome.	As conventional, but targeted towards single genes and traits. Includes mutation techniques & DH	So mainly single-gene traits. Possibility for pyramiding genes. Independent of genomic linkage.
Registration	DUS + VCU – established	DUS + VCU - established	DUS + VCU – value difficult, special testing.
IP & protection	Europe – PVP + trademarks	Europe – PVP + trademarks. Methodbased patents	Patents – based on trait and/or method
Regulation & stewardship	Regulated via PVP, varietylisting and seed certification	As conventional	As conventional + special regulation and stewardship (ex co-existence)
Monitoring & labelling	Usually none	Usually none	High demands
Insurance	Normal	Normal	COMPACT solution demands restoration of biodiversity – almost impossible to calculate risks and compensations! = very high premiums.
competition- monopolization	Breeders exemption garantie competition/prevent monopolization	Depends on future IP system!	So far limiting competition and enhancing monopolization – based on current patent law!
Return of investment	Possible – requires good breeding programme and royalty collection	Depends on future IP and royalty collection systems.	Good chance under patent practice – depends on trait development.

# Future demands for a balanced protection system!?



# Future demands for a balanced protection system!?

- Prevent monopolization – increase competition.
- Protect developments and secure future innovation.
- Increase investments.
- Secure farmers right over product!





**Thank you for your attention!**

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