

GENETIC DIVERSITY

After reading the “Genetic Diversity Considerations” document, consider the following questions:

- Do wild populations exist where the GM plant will be distributed?
- What is the likelihood of outcrossing or introgression?
- What is the genetic load of the genetic modification?
- Will barriers be established to prevent gene flow to non-GM plants?
- Has population modeling been employed to predict how the gene drive system will function in the wild?

- ADDITIONAL RESOURCES:

- Zhu, Y., Chen, H., Fan, J., Wang, Y., Li, Y., Chen, J., ... & Mundt, C. C. (2000). Genetic diversity and disease control in rice. *Nature*, 406(6797), 718-722.