



Data Management and Availability

































Guiding Principles

 Develop processes to streamline data collection, analysis, and access

• Build the ship as we sail...

Release data annually

Data Commons

About Data Store Discovery Environment Atmosphere

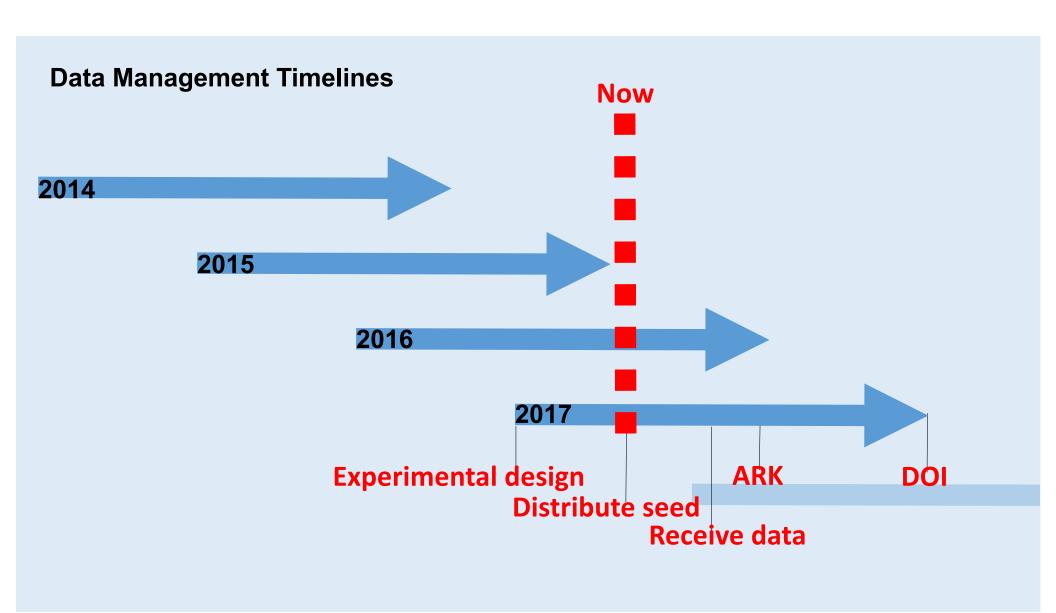
shared / commons_repo / curated / Carolyn_Lawrence_Dill_G2F_Nov_2016

DOI for 2014: http://dx.doi.org/10.7946/P2201Q

DOI for 2015: http://dx.doi.org/10.7946/P24S31

Field Season	Release to Collaborators (ARK)	Release to Public (DOI)
2016	February 2017	March 2018
n	February of n+1	March of n+2

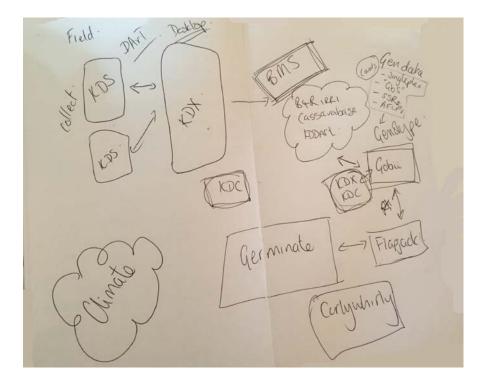
a2014_hybrid_phenotypic_data	
■ b2014_gbs_data	
c2014_weather_data	
d2014_inbred_phenotypic_data	
z2014_supplemental_info	



Additional Data Management Goals for 2017

 Deploy data extraction mechanism via **Advanced Variation Search** Set Up Criteria Check the boxes next to the fields you want to search; if you just want to find records that have any value for that attribute, check the box and leave the criteria alone. You can use % or * as a wildcard in the text fields. Show only variations NOT of this type: All valid types Show only variations of this locus: Show only variations with this viability: Any valid viability Show only variations from this progenitor stock: Any valid progenitor stock Show only All valid dominance values variations. Show only variations caused by this mutagen: All valid mutagens Show only variations of this mutation type: All valid mutation types Show only variations that express this phenotype (AND) Show only variations that express this phenotype: Show only variations available in this stock: (check the box and leave the text field blank for all variations with a stock) Limit number of results to 100

 Define a shared data collection, collation, access, and analysis platform with colleagues at Cornell, CIMMYT, and the Earlham Institute







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