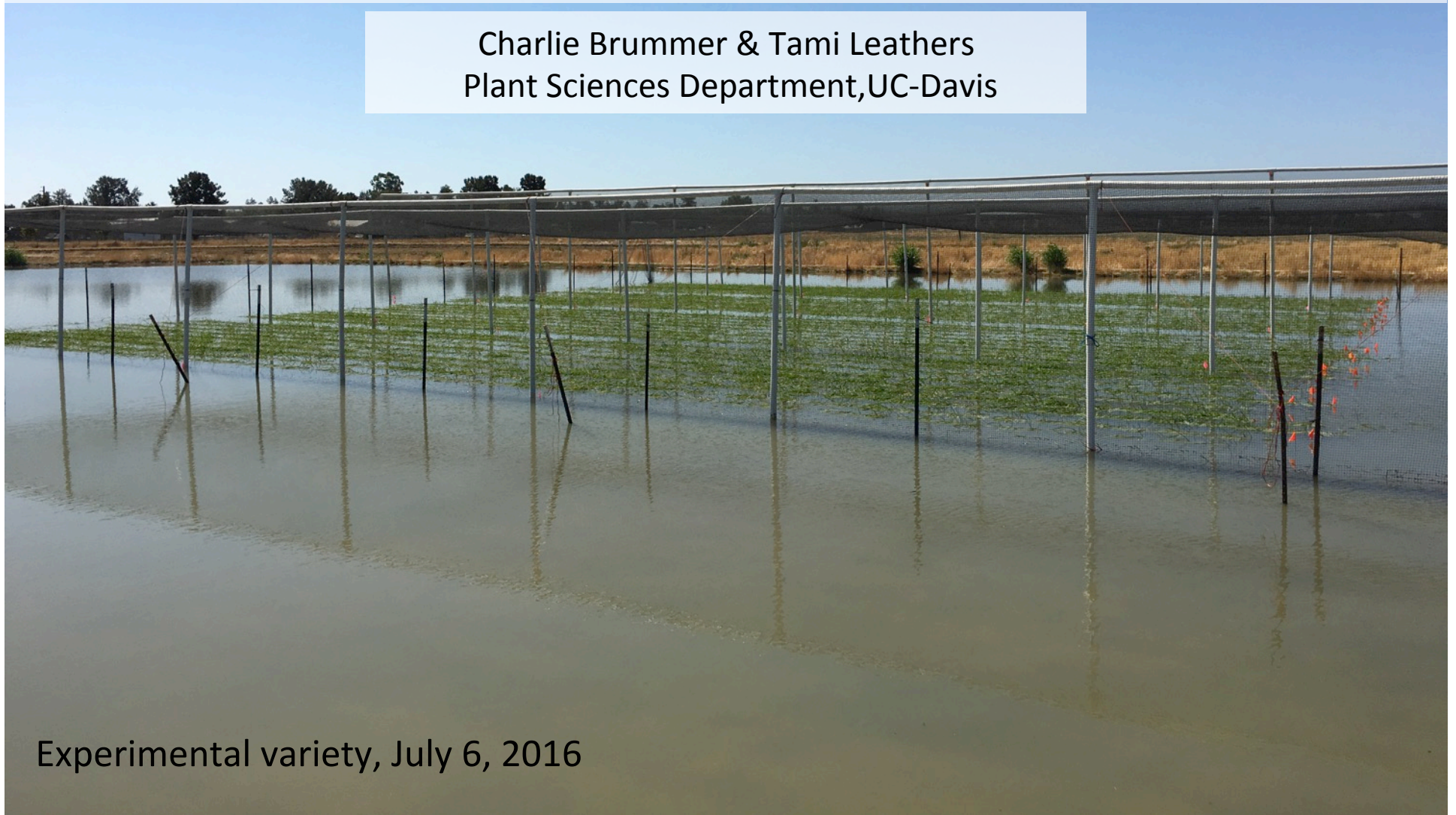


Wild Rice Breeding

“The Larry Teuber Seed Research Program”

2016 Research Board Meeting

Charlie Brummer & Tami Leathers
Plant Sciences Department, UC-Davis



Experimental variety, July 6, 2016

2015 Review

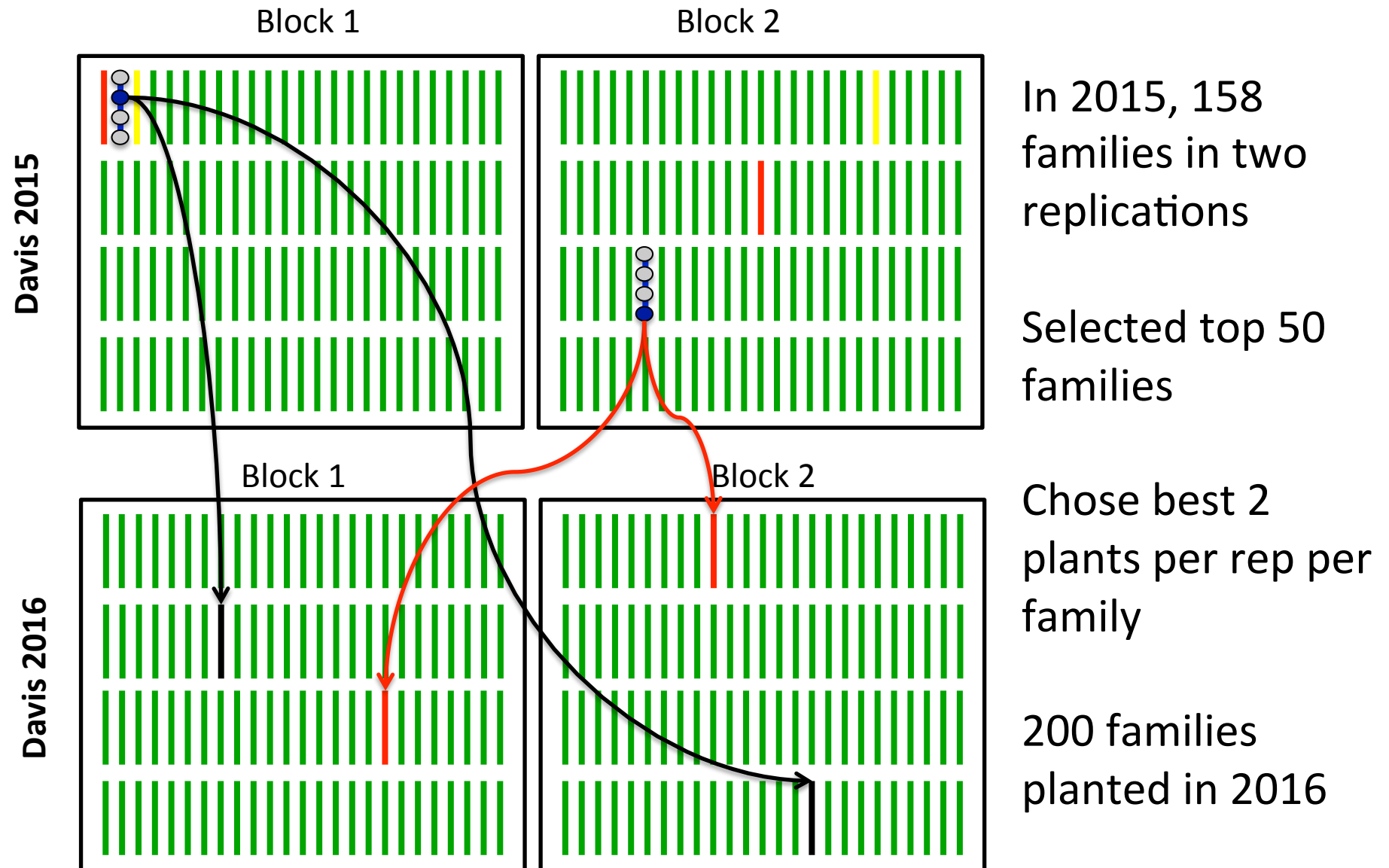
158 half-sib families planted in Davis in 2015 – two replications of ~10 plants each
3278 plants harvested for seed



Seed weight per plant (g)

	Families	Individuals
Number	158	3278
Mean	18	18
Maximum	41	144
Minimum	5	0.2

Among and Within Half-sib Family Recurrent Selection





May 24, 2016 – Planting selection nursery

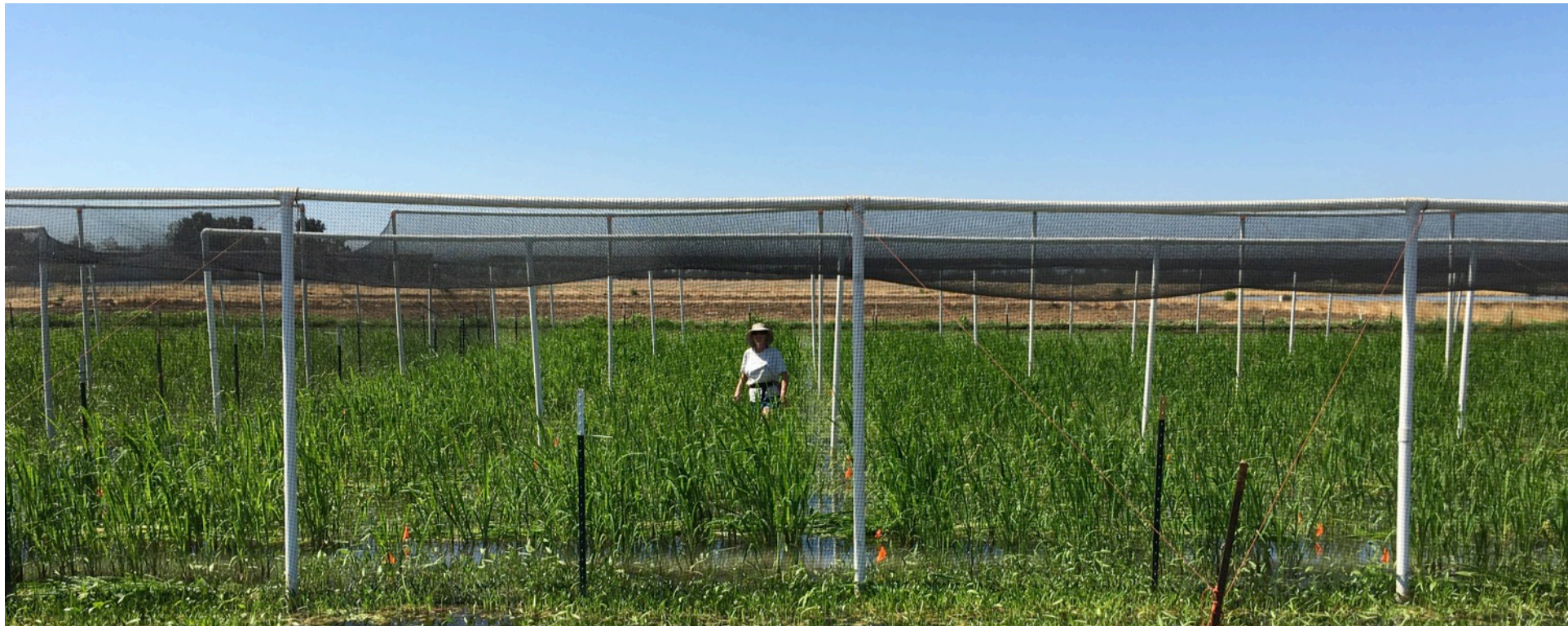


June 18, 2016 – Nursery planted 5/24/2016



June 18, 2016 – Increase planted 6/15/2016
Seeded with remaining seed from top 30 families (of 158)





July 6, 2016



August 2, 2016

Plans for remainder of 2016

- Measure plant height and seed yield
- Select best families and best individuals within families for next year's nursery
- Retain seed of top entries for another new experimental next year
- Harvest experimental variety for yield testing next year

Plans for 2017

- Continue with among and within family selection
- Test experimental along with families to assess genetic progress
- Produce 2016EXP variety from this year's selection nursery in isolation
- Increase seed of 2015EXP variety in isolation



Thank you for your support!