



Figure 1. Greater basal root whorl number (BRWN) and longer and denser root hairs were selection targets to improve common bean production for small-holder farmers in Mozambique. a) Root on left shows a typical older variety with fewer basal roots and short root hairs. Image on right represent the improved varieties with more BRWN and longer root hairs. b) Bean seedling 4 days after imbibition showing 1 BRWN (top) and 3 BRWN (bottom). c) Improved beans in hands of smallholder farmers generating certified seed. d) Seed distribution in a Mozambican village as part of a pilot promotional campaign studied seed distribution, adoption and sharing. Image credits: a) still of movie sponsored by the CCRP and Mcknight Foundation (available at roots.psu.edu), photos of long and short root hairs courtesy of Anica Masas, b) courtesy of Katy Barlow, c) photo by Magalhaes Miguel, d) photo of seed distribution by James Burrridge.