**C:\Users\JJohnson.CGIARAD\Google Drive\EAG-D-17-00100\Revision 2\Supplementary material Fig. S1.tif**

**Fig. S1.** View of the tested weeders and their technical drawings

a = ring hoe; b = twisted-spike floating weeder; c = curved spike floating weeder; d = straight-spike floating weeder; e = straight spike weeder; f = simple rotary weeder