Subsaharan Africa

postharvest losses -3 biotic and abiotic stresses (climate change, water) 4 Access to resources, inlcuding germplasm, seed (inputs) 4

l and ownership pol i cy human capacity development 9 postharvest losses - 3 4 market planning, connection/access 3 3 food safety 3 Postharvest top 3 areas are cold storage cooperative and shared facilities, lack of electricity, evaporative cooling, solar, training/education train the trainers, train the farmer field schools, include govt agencies in training, attach extension to farmers or develop separate system, distance education (not only via iinternet, computer programs), cell phones, radio, processing & drying combination of processing and packaging together, cooperatives, Appropriate Postharvest Technology packagi ng biotic and abiotic stress - top 3 Develop resistant germplasm resistance breeding, regional trials of existing germplasm, water management and irrigation Protected agriculture, drip irrigation, microsprinklers, tredle pumps, training/capacity buidling qual i fi ed breeders Access to resources (germplasm, seed, fertilizer, water) -top 3 Access to quality seed/seed handling Encourage entreprenership for seed production to make seed available without package deal with chemicals, maintain quality of farm collected seeds Trai ní ng Methods of seed selection, drying, storage, seed to seed knowledge Information access (cell phones, internet) textless media, information source in community (translation), for production information, market information, etc. Extension

time dimension is important.