**Appendix 2**Table A2.1 Listing of interviews and participatory observations

Number	Kind	Position / Organization / Occasion	Topic	Time
1	OI	Head of breeding program (private)	Breeding business overview	Feb 16
2	OI	Head of breeding program (private)	Breeding business overview	Apr 16
3	OI	Product manager	Selling seed to multipliers	Apr 16
4	SI	Multiplying farmer / farmer	Variety choice and farming	Apr 16
5	OI	Farmer	Plant protection	Apr 16
6	PO	Meeting sales management btw. breeding and multiplication firm	Selling seed to farmers	Mar 17
7	PO	Plant breeders' rights admission meeting	Plant breeders' rights admission	Mar 17
8	PO	Head of breeding program/head of sales	Variety admission	Mar 17
9	OI	Public breeder	State Variety Trials	Mar 17
10	PO	Plant breeders in training	Plant breeding general	Apr 16
11	PO	Farmer	Inspecting winter wheat	Apr 16
12	OI	Public breeder	Prebreeding	Apr 16
13	PO/OI	Public breeder	Back-crossing	Apr 16
14	PO	Public breeder	Hybrid breeding	Jun 16
15	PO	Plant breeders in training	Double-haploids	Jun 16
16	S	DLG-Field days	Farming winter wheat and plant protection strategies	Jun 16
17	PO	Public breeder	Field inspection	Jun 16
18	PO	Plant breeders in training	Tubers and mutation breeding	Jun 16
19	PO	Breeding assistant (private firm)	Crossing	Jun 16
20	PO	Plant breeders in training	Field inspection	Jun 16
21	PO	Plant breeders in training	Seed certification	Jul 16
22	OI/PO	Public breeder	Population breeding	Jul 16
23	РО	Meeting state variety recommendation announcements	State variety recommendation announcements	Aug 16
24	SI	Scientific plant pathologist from a University	Resistances, farming behavior and breeding	Mar 16
25	SI	Public breeder	Worldwide prebreeding	Jun 19
26	PO	Public breeder	Selection early generations	Jul 16
27	PO	Head of breeding program (private)	Planning of crosses	Feb 17
28	PO	Public breeder	Field inspection prebreeding	Jun 16
29	PO	Private breeders	Field inspection and new technologies	Jun 19

30	PO	Head of breeding program	Selection of later stage generations	May 17
31	PO	Talk in expert panel for breeders	Farmers demands on breeding goals	May 17
32	OI	Researcher at LFL	Maintenance breeding	Apr 16
33	SI*	Head of breeding program (private)	Variety pricing	Dec 17
34	SI*	Head of breeding program (private)	Variety pricing	Dec 19
35	PO	Farmer	Plant protection heuristics	Jun 19
36	OI	Cereal researcher at LFL	Breeding system	Mar 16
37	OI	Researcher in crop pathology	Host-pathogen-human interactions in cereal cropping	Sep 16
38	OI	Researcher at Julius-Kühn Institut	Resistance breeding wheat diseases	Mar 17
39	OI	Researcher at Julius-Kühn Institut	Phytopathology	Jan 16

OI = Interview; SI = Semi-structured Interview; PO = participatory observation; S = survey

<sup>\*</sup>Brief conversation with only field notes available