

Supplementary Materials:

# A Multi-Site Evaluation of Winter Hardiness in Indigenous Alfalfa Cultivars in Northern China

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**Table S1.** List of 50 indigenous Chinese alfalfa cultivars used in the field experiment.

SN <sup>1</sup>	Cultivar	ASI	Source
1	Gongnong-1	0.6	Jilin Academy of Agricultural Sciences
2	Xinmu-1	1.1	Xinjiang Agricultural University
3	Caoyuan-2	2.9	Inner Mongolia Agricultural University (IMAU)
4	Caoyuan-3	0.7	IMAU
5	Gongnong-5	0.1	Jilin Academy of Agricultural Sciences
6	Caribou	1.7	Beijing Clover-Seeds, Inc.
7	Nongmu-801	0.1	Institute of Animal Husbandry, Helongjiang Academy of Agricultural Sciences (HAAS)
8	Zhaodong	0.2	Institute of Animal Husbandry, HAAS
9	Zhongmu-1	2.1	Institute of Animal Science, Chinese Academy of Agricultural Sciences (CAAS)
10	Zhongmu-5	1.5	Institute of Animal Science, CAAS
11	Zhongmu-3	2.6	Institute of Animal Science, CAAS
12	Xinjiang Daye	-	Tarim University
13	Zhonglan-1	3.9	Institute of Animal Science, CAAS
14	Zhongcao-3	1.4	Grassland Research Institute, CAAS
15	Zhungeer	1.4	Grassland Research Institute, CAAS
16	Xinmu-2	1.7	Xinjiang Agricultural University
17	Vernal	2.3	Beijing Rytway Ecotechnology Co., Ltd (BREC)
18	Legend	4	BREC
20	Maverick	0.9	BREC
22	UC-1465	10.6	BREC
23	5246	3.3	BREC
26	UC-1887	9.5	BREC
27	ABI700	6.2	BREC
29	DonaAna	6.9	BREC
31	Pierce	8.2	BREC
32	WL903	9.3	BREC
33	WL525HQ	8.1	BREC
34	WL363HQ	6.0	BREC

35	WL712	9.5	BREC
36	WL656HQ	9.0	BREC
37	WL440HQ	5.5	BREC
38	WL343HQ	5.3	BREC
39	WL319HQ	4.1	BREC
40	Gongnong-5	8.0	Gansu Agricultural University
41	Liangmu-1	8.2	Liangshan Bureau of Animal Husbandry
42	Rambler	0.1	Grassland Research Institute, CAAS
43	Lumu-1	1.4	Shandong Academy of Agricultural Sciences
44	Aohan	0.9	Linxi County Grassland Workstation
45	Victorian	4.3	Grassland Research Institute, CAAS
46	WL168HQ	1.9	BREC
47	54V09	4.5	DLF China
48	55V12	5.5	DLF
49	55V48	5.7	DLF China
50	56S82	5.8	DLF China
51	Target	4.9	National Feed Engineering Technology Research Center (NFC) and Forage and Silage Research and Promotion Center (FSC)
52	Adrenalin	4.4	NFC & FSC
53	Huaiyin	1.6	Yangzhou University
54	Yumu-1	6.7	Southwest University
55	Concept	3.8	NFC & FSC
56	Knight02	3.5	NFC & FSC

<sup>1</sup> SN: Serial number.