

Annex 2. Agronomic data for wheat landraces selected for promotion with the farmers and tested on-stations in Turkey, Iran and Afghanistan in 2016 and 2017.

17ENTRY	LOCAL NAME	SPECIES	2016	2017	2016	2016	2016	2016	2016	2016	2017	2017
			HAY-PATH			ESKISEHIR	KONYA-IRR		KONYA-RF		KONYA-RF	
			Stripe rust	Leaf rust	Stem rust	Common bunt	KG/HA	RANK	KG/HA	RANK		
1	UVEYIK BUGDAYI	DW	40MS	0	0	S	2935	10	18	20	2543	10
2	UVEYIK BUGDAYI	DW	20MS	0	TMS	S	3027	9	30	17	3152	9
3	SOFU BUGDAYI (BEYAZ)	DW	10MS	10MS	TMS	S	3278	5	30	17	3857	7
4	UVEYIK BUGDAYI	BW	70S	100S	20MS	S	3485	2	597	2	4520	2
5	CAM BUGDAYI (BEYAZ)	BW	30MS	100S	20MS	R	2983	17	740	1	4120	5
6	CAM BUGDAYI (KIRMIZI)	BW	20MS	100S	30MS	R	3000	3	658	1	4335	4
7	AKBUGDAY	BW	70S	100S	0	S	3695	7	420	10	4548	1
8	AKBUGDAY	BW	0	100S	0	R	3855	7	562	12	3865	6
9	TOPBAS/TOPBAS	Cross		100S							3792	8
10	KILCIKLI BUGDAY/ALTAY 2000	Cross		80S							4397	3
1	AKBASAK	DW	30MS	60S	TMS	S	2775	6	30	16	3418	9
2	IRI TAHIL (SOFU)	DW	0	30MS	TMS	S	1968	20	50	15	3372	10
3	SOFU BUGDAYI	DW	5MS	40MS	0	S	2837	13	70	14	4143	8
4	ORMECE	BW	0	70S	50S	S	3708	4	385	7	4590	5
5	CAM BUGDAYI	BW	30MS	90S	10MS	R	3433	8	582	3	4450	7
6	ORMECE	BC	100S	100S	30MS	S	2817	18	63	22	4962	3
7	ORMECE	CW	10MS	90S	20MS	S	2813	5	52	13	5273	2

8	CALIBASAN	BC	70S	90S	5MS	S	4077	1	402	13	5305	1
9	TOPBAS/SARIBUGDAY	Cross		60S							4652	4
10	GODEREDI/SARI BUGDAY	Cross		100S							4453	6
1	ANKARA YAZLIGI	DW	5MS	20MS	5MS	S	3792	10	547	14	4148	8
2	KIRMIZI KUNDURU	DW	10MR	40MS	5MS	S	2748	19	182	25	4127	9
3	KUNDURU	BW	80S	100S	20S	MR	3445	13	807	5	5502	1
4	AGBUGDAY	BW	0	100S	80S	R	3895	3	747	1	4762	3
5	CAKMAK	BC	30MS	100S	10MS	S	4130	4	632	16	4738	5
6	CAKMAK	BC	80S	100S	20MSS	S	3425	14	490	23	5117	2
7	KUNDURU	BC	100S	100S	5MS	S	3967	5	695	12	4470	6
8	CAKMAK	CW	70S	100S	30MSS	S	3618	12	685	7	4755	4
9	TOPBAS/GODEREDI	Cross		100S							4348	7
10	KIRIK/AKBUGDAY	Cross		100S							3738	10
1	OHLEMAZ	DW	80S	30MS	10MS	S	3067	17	415	20	3469	9
2	OHLEMAZ	DW	70S	40MS	5MS	MR	3413	13	283	23	2840	10
3	AKBUGDAY	BW	90S	100S	5MS	S	4188	2	670	5	5108	2
4	CIRPUZ	BW	100S	100S	10MS	S	3478	9	588	10	4265	7
5	CIRPUZ	BW	0	100S	60S	R	3142	15	442	18	4323	6
6	SIVEREK	BW	70S	100S	50S	S	3267	12	523	13	5300	1
7	KIRMIZI KUNDURU	BC	70S	100S	TMR	MR	3570	10	392	24	4375	5
8	SIVEREK	BC	10MS	50MS	10MSS	S	3960	6	772	8	4535	4
9	SARI BUGDAY/KILCIKLI BUGDAY	Cross		50MS							4158	8

10	SARI BUGDAY/5/RINA-6/..F900K	Cross		80S							4977	3
1	KIRMIZI KUNDURU	DW	0	0	TMR	R	4507	2	403	21	3787	7
2	SARI BURSA	DW	20MS	0	TMR	MR	4233	5	257	24	3745	8
3	SARI BUGDAY	DW	30MS	10MR	0	MR	3560	9	112	22	3113	10
4	KIRMIZI EVLEK	DW	40MS	0	0	R	3835	2	30	24	3403	9
5	KILCIKSIZ BUGDAY	BW	80S	70S	20MS	S	4060	2	812	4	4490	4
6	AKYARNAZ	DW	40MS	60S	20MS	S	3995	3	1013	1	4860	2
7	KOCA BUGDAY	CW	80S	20MS	20MS	S	3783	7	703	10	3952	5
8	GODEREDI	CW	70S	40MS	5MS	S	4250	1	357	22	5057	1
9	YORUK BUGDAYI/AKBUGDAY	Cross		30MS							3873	6
10	AKBUGDAY/KIRIK	Cross		50S							4547	3
1	UVEYIK BUGDAYI	DW	0	5MS	TMS	R	1978	19	32	16	2805	10
2	GICIK BUGDAY	DW	0	TMS	0	R	3615	8	110	23	2742	11
3	AKBUGDAY	DW	30MS	10MS	TMR	R	2913	20	525	8	3193	9
4	SARI BUGDAY	DW	10MS	30MS	5MS	R	2948	19	508	9	3282	8
5	BUGDAY	BW	0/60S	100S	30MS	MR	3233	17	505	19	4585	2
6	KUNDURU	BW	100S	100S	10MS	S	3170	18	542	15	4490	4
7	AKBUGDAY	CW	80S	100S	10MS	S	3373	14	380	20	4068	7
8	SARI BUGDAY	CW	40MS	100S	20MS	S	3702	6	552	6	4455	5
9	SARI BUGDAY	BW	0	80S	5MS	MR	3743	9	852	4	4182	6
10	KUNDURU/SARI BUGDAY	Cross		80S							4565	3
11	KUNDURU/SARI BUGDAY	Cross		100S							4870	1
1	KIRMIZI BUĞDAY	DW	10MS	80S	10MS	S			2550	4	2995	10

2	SORGÜL	DW	30MS	90S	30MS	MR			2580	5	2977	11
3	HAVRANI	DW	10MS	100S	0	S			3178	5	3592	9
4	KIRMIZI BUĞDAY	BW	0	100S	70S	S			2793	8	4750	3
5	SORİK	BW	5MS	100S	80S	R			3093	2	4398	6
6	ZINEBE	BW	0	100S	70S	S			3270	2	4413	5
7	SORGÜL	BC	5MS	100S	40MS	S			4135	1	5357	1
8	HINTA	BC	60S	100S	10MS	MR			3990	2	5165	2
9	KIRMIZI BUĞDAY	BC	0	100S	20MS	S			2323	10	3825	8
10	AKBUGDAY/SUZEN	Cross		100S		S					4370	7
11	AKBUGDAY/GODEREDI	Cross		100S		S					4447	4
12	SORGÜL	DW	20MS	0	0	MR			1670	8	2920	12
1	HACIALİ	DW	80S	70S	30MS	MR			2703	7	2420	11
2	KIRMIZI BUĞDAY	DW	10MS	80S	5MS	S			2788	3	2738	10
3	KIRMIZI BUĞDAY	DW	50S	80S	10MS	MR			2728	4	3342	9
4	KIRMIZI BUĞDAY	DW	0	90S	80S	S			3370	2	4898	4
5	ŞERGUN	BW	0	100S	60S	MR			3915	2	5388	1
6	KIRMIZI BUĞDAY	BW	60S	100S	70S	S			4295	1	4675	7
7	HACIALİ	BC	0	100S	80S	S			3480	9	5053	3
8	HACIALİ	BC	10MS	100S	80S	S			3863	4	5118	2

9	KOCABUGDAY/AKBUGDAY	Cross		40MS		S					4875	5
10	TOPBAS//KS82142/PASTOR	Cross		80S		S					3667	8
11	HACIALI	BW	0	100S	60S	S			2313	7	4783	6

Data from Darulaman Station, Kabul, Afghanistan, 2016

Entry No	Name/Pedigree	Seed Source	Yield, Kg/Ha	Yield, Rank	Grain Color	Yellow rust	1000 kernel weight, gr
1	Local Check (Chonte#1)	Check	6582	2	Amber	0	40
2	Attaye	Balkh	4902	3	Amber	5R	35
3	Surkhak Mahali	Balkh	3146	5	Amber	40MS	40
4	Safedak kalak bdon dasa	Herat	1606	10	Amber	80S	40
5	Omid bedon dasa	Herat	2188	9	Amber	60S	48
6	Lalmi Safidak	Balkh	1562	11	White	60S	35
7	Kalak Robot Sangi	Herat	2274	8	Amber	40MS	40
8	Zardcha Kalak Robot Sangi	Herat	3988	4	Amber	10R	40
9	Kalak Bor Khosha	Balkh	2740	7	White	20MR	40
10	Omid sorkh khosha bedon -e-dasah	Herat	2874	6	Amber	10MR	40
11	Loal Chek (Mazar-99)	Check	6690	1	Amber	0	40
	Mean		2874			40MS	40
	Max		6690			80S	48
	Min		1562			5R	35
	C.V. (%)		5.597				
	S.E.M		5.60				
	LSD (p<0.05)		322.625				
	LSD (p<0.01)		440.073				

Data from Margheh, Iran, 2016

Station: Maragheh 2015-16 Test: Landracesi Plot Size:7.2M2 Check : Baran LSD5%:792.8 kg/ha LSD1%:1075.9 kg/ha CV%:12									
gen	L-P.No	Source	Variety / Line	Vig	DH	PH	DM	G.Y.kg/ha	G.Y.Rank
1		Check	Sardari	5	145	87	181	2921	20
2			Germezghen- Varzghan	5	157	98	185	3226	13
3			Gerdish- Ahar	5	150	102	184	3199	15
4			Chehel Daneh	4.5	150	94	183	2524	23
5			Paresht- Kordestan	3.5	160	81	188	2363	24
6		Check	Azar2	6	145	98	181	3662	1
7		Check	Homa	5	145	98	181	3662	2
8		Check	Ohadi	5	146	96	182	3360	9
9		Check	Baran	5.5	146	95	182	3599	5
10	40	Sardari (92-93)	Rasad	6	148	95	183	3613	4
11	49	Sardari (92-93)	Sardari (92-93)- 49	5	145	83	181	3388	7
12	48	Sardari (92-93)	Sardari (92-93)- 48	5	145	89	181	3449	6
13	51	Sardari (92-93)	Sardari (92-93)- 51	5	148	80	182	2560	22
14	38	Sardari (92-93)	Sardari (92-93)-38	5	145	93	182	3228	12
15	141	Sardari (92-93)	Sardari (92-93)-141	5.5	147	88	183	3219	14
16	18	Sardari (92-93)	Sardari (92-93)- 18	5	145	96	182	3116	16
17	76	Sardari (92-93)	Sardari (92-93)-76	5	145	93	182	3642	3
18	29	Sardari (92-93)	Sardari (92-93)-29	5.5	147	90	184	3059	18
19	62	Sardari (92-93)	Sardari (92-93)- 62	5.5	146	87	183	3388	8
20	132	Sardari (92-93)	Sardari (92-93)- 132	5.5	147	92	184	3256	10
21	64	Sardari (92-93)	Sardari (92-93)-64	5	147	88	182	2747	21
22	26	Sardari (92-93)	Sardari (92-93)- 26	5	146	89	182	3235	11
23	84	Sardari (92-93)	Sardari (92-93)- 84	5	144	88	183	3115	17
24	143	Sardari (92-93)	Sardari (92-93)- 143	4.5	146	85	184	3011	19