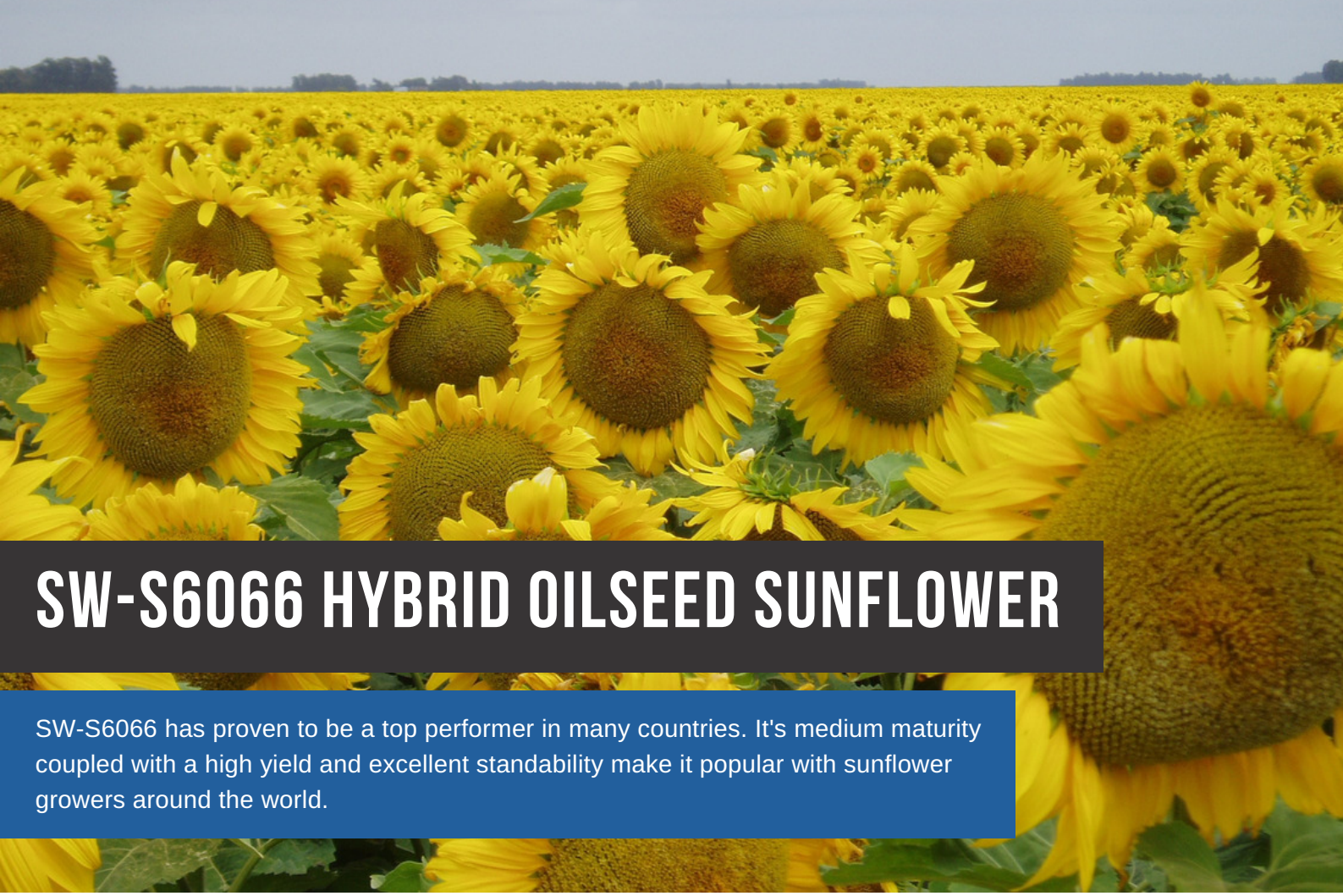

SW-S6066 HYBRID OILSEED SUNFLOWER

SW-S6066 has proven to be a top performer in many countries. It's medium maturity coupled with a high yield and excellent standability make it popular with sunflower growers around the world.

Medium/full season maturity	SW-S6066 is a medium to full season maturity variety which enables it to maximize yield in a wide range of conditions.
Excellent yield potential	SW-S6066 has shown excellent yield potential in testing and production throughout the world since commercial release.
Excellent disease resistance	SW-S6066 has an excellent level of resistance to the major sunflower diseases including Leaf Rust, Albugo White Blister, P18 Downy Mildew and Alternaria.
Very good oil production	SW-S6066 produces a very good oil percentage of high level poly-unsaturated oil. It also has many other desirable agronomic traits including high levels of lodging resistance from its thick stalks.
Semi-pendulous heads	SW-S6066 has semi-pendulous heads which helps to reduce sunburn, head rot and bird problems.

Data from Official South African National Cultivar Trials 2008/2009

Mean seed yield of cultivars at the different localities in kg ha^{-1} 2008/2009

Cultivar	Delareyville	Fochville	Hoopstad	Kroonstad	Potchefstroom	Potchefstroom	Vyfhoek	Vyfhoek	Senekal	Settlers	Wesselsbron	Mean	Rank
Agsun 5383	1.18	1.41	2.25	2.12	1.2	1.65	2.37	1.82	1.6	1.26	1.88	1.7	14
Agsun 5551	1.61	1.47	2.68	3.27	1.82	2.39	3.11	2.04	1.31	1.42	1.86	2.09	3
Agsun 8251	1.14	1.76	2.69	2.56	1.31	1.94	3.06	2.18	1.83	1.54	1.37	1.94	5
DK 4040	1.38	1.36	1.47	2.44	1.71	2.16	2.5	2.33	1.11	1.32	2.06	1.8	8
DKF 68-22	0.83	1.44	2.23	2.37	1.49	1.92	2.53	1.58	1.37	1.4	2.02	1.75	13
NK Armoni	1.48	1.55	2.14	2.54	1.28	1.83	2.53	1.8	1.25	1.56	1.35	1.76	12
NK Ferti #	1.2	1.46	1.59	2.06	1.24	2.03	2.26	1.93	0.86	1.4	0.97	1.55	16
PAN 7033	1.25	1.71	2.21	2.07	1.45	1.88	2.25	1.93	1.57	1.37	1.99	1.79	9
PAN 7049	1.43	1.79	2.34	3.19	2.52	2.21	2.75	2.14	1.99	1.52	2.17	2.19	2
PAN 7050	1.56	1.72	2.34	2.9	1.45	1.96	2.44	2.22	1.91	1.59	1.97	2	4
Agsun 5671 #	1.34	1.6	1.89	2.02	0.85	1.49	2.27	1.71	1.2	1.46	1.39	1.57	15
Sirena	1.3	1.39	1.91	2.14	0.98	1.85	2.03	1.84	0.9	0.86	1.55	1.52	17
Experimental	1.28	1.51	2	2.59	1.45	2.19	2.67	1.97	1.47	0.99	2.15	1.84	7
PAN 7057	1.64	1.77	2.74	2.77	1.98	2.47	2.73	2.02	1.94	1.46	2.54	2.19	1
Hysun 333	1.51	1.52	1.99	2.09	1.68	1.78	2.28	1.67	1.36	1.4	2.07	1.76	11
KKS 318	1.56	1.38	2.51	2.33	1.37	1.98	1.96	1.79	1.42	1.25	2.08	1.78	10
SW-S6066	1.42	1.5	1.98	2.87	1.75	2.34	2.29	1.72	1.45	1.46	2.02	1.89	6
Mean	1.36	1.55	2.17	2.49	1.5	2	2.47	1.92	1.45	1.37	1.85	1.83	
CV	20	15	18	17	20	17	14	16	14	19	14		

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SW-S6066 HYBRID OILSEED SUNFLOWER

Data from Official South African National Cultivar Trials 2008/2009

The oil yield of the seed of the cultivars at the different localities (kg ha^{-1}), 2008/2009

Cultivar	Potchefstroom	Potchefstroom	Potchefstroom	Potchefstroom Vyfhoek	Potchefstroom Vyfhoek	Makwassie	Rustenburg	Senekal	Kroonstad	Mean
Agsun 5383	0.675	0.54	0.692	0.812	1.006	0.33	0.661	0.553	0.92	0.688
Agsun 5551	0.781	0.844	1.148	0.823	1.38	0.384	0.516	0.471	-	0.793
Agsun 8251	0.58	0.534	0.791	-	1.359	0.349	0.603	0.634	1.11	0.745
DK 4040	0.698	0.744	0.942	0.931	1.146	0.353	0.648	0.578	1.117	0.795
DKF 68?22	0.562	0.743	0.841	0.669	1.085	0.231	0.767	0.776	1.012	0.743
NK Armoni	0.551	0.602	0.853	0.79	1.175	0.388	0.767	0.468	1.073	0.741
NK Ferti*	0.599	0.575	0.995	0.848	0.961	0.108	0.843	0.261	0.868	0.673
PAN 7033	0.592	0.623	0.823	0.884	1.087	0.544	0.592	0.529	0.912	0.732
PAN 7049	0.64	0.961	0.856	0.97	1.152	0.568	0.753	0.849	1.369	0.902
PAN 7050	0.478	0.638	0.843	0.917	1.175	0.584	1.011	0.763	-	0.801
Agsun 5671*	0.609	0.379	0.733	0.682	0.976	0.309	0.572	-	0.962	0.653
Sirena	0.59	0.413	0.879	0.733	0.954	0.45	0.608	0.339	0.982	0.661
Experimental	0.602	0.688	1.071	0.841	1.13	0.196	0.823	0.783	1.195	0.814
PAN 7057	0.463	0.862	1.173	0.844	1.178	0.551	0.601	0.72	1.196	0.843
Hysun 333	0.734	0.781	0.837	0.708	1.037	0.322	0.607	0.46	0.881	0.707
KKS 318	0.606	0.596	0.867	0.722	0.878	0.508	0.675	0.605	1.008	0.718
SW-S6066	0.681	0.742	0.992	0.712	1.114	0.599	0.676	0.528	1.366	0.823
Mean	0.614	0.663	0.902	0.805	1.105	0.398	0.69	0.582	1.065	0.758

Data from Official Pakistan National Cultivar Trials 2008/2009

Table :Seed yield (kg/ha) of sunflower hybrids tested under NUYT during Autumn 2008

Code	Hybrid	NARC	D.I.Khan	Tandojam	Dhadar	ICI-H.abad	Faisal	Syng	RARI	ICI-Mitan	Skrnd	Average
1	FSS 64	3359	1867	1133	2065	1417	813	1347	553	735	1969	**1526**
2	SW-S6066	3208	2044	1062	1817	1506	918	1103	655	1172	2111	**1560**
3	Ausi-Gold-62	2259	1622	1178	1785	1411	672	993	489	229	2620	**1326**
4	XIYU-12	3107	1600	1089	1900	1035	612	1131	416	201	1622	**1271**
5	Petunia	2585	1933	1144	1963	1600	437	1649	644	411	2820	**1519**
6	LG 56-65	2249	1489	1051	1897	1066	382	1625	400	303	2413	**1288**
7	S-5026	1360	1124	1071	1853	247	148	939	151		1444	**926**
8	NK-S-278 (Check)	2116	1733	1011	1878	940	741	503	727	374	1491	**1151**
9	FH-37	1390	1772	1211	2027	1622	232	1287	316	237	1722	**1182**
10	AG SUN-5383	2479	1478	1087	1870	1218	183	994	249		2413	**1330**
11	FSS 50	1306	1533	1111	1763	1733	143	1065	142		2376	**1241**
12	Ausi-Gold-61	1672	1556	1067	2017	742	561	1551	187	391	2084	**1183**
13	XIYU-14	1209	1489	1256	1955	846	297	809	307	129	2638	**1093**
14	Isabella	2233	1667	1000	1713	1646	597	1337	655	479	2453	**1378**
15	LG-Tregor	2379	1546	1189	1772	1728	275	783	409	309	2422	**1281**
16	Hysun-33 (Check)	2520	1734	1011	1732	1309	517	892	489	558	2776	**1354**
17	AG SUN-8251	2354	1622	1022	1805	1326	527	1139	551	292	2367	**1301**
18	NX-00997	2483	1756	1056	1673	1478	668	500	698	524	1940	**1277**
19	Hyolic-41	2770	1933	1011	1590	1924	1166	917	889	1244	2282	**1573**
20	FH-106	1208	1658	1089	1860	1515	442	436	473	227	2096	**1101**
21	AG SUN-5551	2552	1524	1067	1912	1280	600	772	640	268	1711	**1233**
22	FH-259	1296	1600	1000	1530	849	193	947	231	159	1889	**969**
23	Golden-I	2254	1680	1100	1687	1422	424	650	409	402	2898	**1293**
24	SMH-0802 (LHC-2)	1740	1644	1078	1763	1560	349	862	551		2420	**1330**
25	FH-331	1662	1622	1056	1892	1742	342	1051	420	163	1876	**1183**
26	SMH-0804 (LHC-4)	2260	1547	1029	1763	1326	610	476	640	506	1656	**1181**
27	NX-00989	2184	1667	1133	1787	1215	593	527	804	399	2867	**1317**
28	64 S 99	2352	1600	1033	1579	1353	373	1064	662	848	2322	**1319**
	Location m	**2162**	**1644**	**1084**	**1816**	**1323**	**493**	**977**	**491**	**440**	**2203**	**1263**
	CV %	**18.59**	**10.14**	**2.33**	**3.28**	**15.07**	**12.32**	**12**	**27.77**	**20.51**	**23.74**	**15**
	LSD (0.05)	**658**	**273.1**	**41.35**	**97.64**	**326.6**	**99.5**	**191.8**	**223.4**	**148.3**	**856.3**	**292**

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