

Final Results for Oklahoma 2016 Winter Canola Trials: Yield Performance



Research Trials Conducted By OSU Personnel (29 Total Entries)

Data Analysed by Caldbeck Consulting, 270-316-4316

State Rank on Yield	Table 1. Summary of yields results for the OSU conventional winter canola variety trials in 2016: lbs/ac adjusted to 10% moisture												Mean		Non-GM State	Overall State	
	Variety	Company	El Reno	Kingfisher	Fort Cobb	Perkins- CT	Perkins- NT	Fairview	Lamont	Miami	Dacoma	Lahoma	lbs/ac	bu/ac	Mean %	Mean %	
1	Hekip	Photosyntech	1919.6	1249.0	1762.2	981.5	1320.4	2009.3	3497.1	2281.7	3363.3	2697.1	2108.1	42.2	108.8	118.9	
2	Mercedes	Rubisco Seeds	1933.2	1526.4	1732.2	1348.3	1461.8	2052.3	2984.5	2001.1	3425.2	2524.1	2098.9	42.0	108.3	118.3	
3	Reflex CL	DL Seeds/Rubisco	2408.9	1245.4	1898.1	789.3	1379.3	2311.0	3065.1	1836.2	3106.4	2831.6	2087.1	41.7	107.7	117.7	
4	Inspiration	Rubisco Seeds	1768.8	1566.9	1923.6	1229.2	1094.0	1685.2	2593.4	2205.6	3286.1	3293.8	2064.7	41.3	106.6	116.4	
5	WRH 458CL	DL Seeds/Rubisco	1936.9	1331.6	1947.7	1165.6	1394.5	1543.8	3184.9	1953.1	3468.4	2689.4	2061.6	41.2	106.4	116.2	
6	Arsenal	Limagrain	1962.1	1557.3	2143.1	1042.2	1416.3	1683.7	2490.4	2211.0	3366.2	2692.4	2056.5	41.1	106.1	115.9	
7	Atenzo	Limagrain	1878.3	1416.4	1981.6	1174.3	1395.7	1676.1	2378.0	2546.9	3358.6	2646.2	2045.2	40.9	105.6	115.3	
8	Edimax CL*	Rubisco Seeds	1828.7	1122.8	1913.5	1069.6	1279.5	1717.3	2166.5	2081.5	3244.2	2499.2	1892.3	37.8	97.7	106.7	
9	Popular	Rubisco Seeds	2016.5	1448.2	1511.4	1175.3	920.3	1966.4	2476.7	1930.6	2990.8	2272.3	1870.9	37.4	96.6	105.5	
10	KS 4506	KSU	1485.3	1950.0	1581.6	1143.5	1353.4	1870.7	2241.7	1694.1	2786.8	1996.0	1810.3	36.2	93.4	102.1	
12	Wichita	KSU	1849.6	1522.4	1581.9	1059.9	1267.8	1976.2	2318.2	1874.1	2478.8	1905.0	1783.4	35.7	92.0	100.5	
13	Sumner	KSU	1933.8	1323.4	1604.1	1117.9	1252.3	1939.7	2287.1	1808.3	2500.9	1930.5	1769.8	35.4	91.3	99.8	
14	KSUR 1211	KSU	1584.6	1697.3	1588.3	1011.1	1288.0	2020.2	2296.4	1518.2	2885.0	1807.7	1769.7	35.4	91.3	99.8	
16	Riley	KSU	1517.5	1359.8	1520.5	1121.8	1392.3	1882.8	2063.2	1635.4	2609.3	1967.2	1707.0	34.1	88.1	96.2	
14 Non GM Canola Entries												Non GM State Mean		1937.5	38.8	100.0	109.2
Table 2. Preliminary yields results for the OSU glyphosate resistant winter canola variety trials in 2016: lbs/ac adjusted to 10% moisture												Mean		GM State	Overall State		
Variety	Company	El Reno	Kingfisher	Fort Cobb	Perkins- CT	Perkins- NT	Fairview	Lamont	Miami	Dacoma	Lahoma	lbs/ac	bu/ac	Mean %	Mean %		
11	46W94	Pioneer	1894.8	1134.6	1613.0	1187.9	1073.5	1817.9	2527.9	1729.9	2887.2	2104.1	1797.1	35.9	110.9	101.3	
15	KSR 4652	KSU	1734.1	1385.1	1514.9	1065.5	919.2	2045.9	2362.2	1704.8	2634.6	1781.7	1714.8	34.3	105.8	96.7	
17	HC 225W	CROPLAN	1633.2	1390.5	1930.6	1050.4	893.2	1649.9	2281.9	1589.1	2611.1	1780.8	1681.1	33.6	103.7	94.8	
18	KSR 4653S	KSU	1800.6	1561.7	1570.1	916.0	999.9	1905.5	2221.4	1533.9	2081.4	1722.4	1631.3	32.6	100.6	92.0	
19	DKW 44-10	Dekalb	1594.8	1152.7	1590.1	1163.8	1033.3	1751.7	2856.6	1430.6	2637.3	1824.8	1703.6	34.1	105.1	96.0	
20	HC 220W	CROPLAN	1728.7	1151.9	1389.2	997.1	863.3	1516.1	2462.0	1646.5	2611.1	1810.9	1617.7	32.4	99.8	91.2	
21	HC 115W	CROPLAN	1710.6	1260.6	1447.1	875.4	822.2	1847.8	2522.6	1626.8	2554.2	1485.2	1615.3	32.3	99.7	91.1	
22	HC 125W	CROPLAN	1583.4	1582.8	1533.0	958.6	871.9	1522.1	2003.2	1674.3	2346.6	1893.9	1597.0	31.9	98.5	90.0	
23	Star 915W	Star Speciality	1693.0	1306.2	1533.3	985.0	964.3	1841.5	1941.7	1090.9	2258.2	2258.2	1587.2	31.7	97.9	89.5	
24	KSR 07363	KSU	1695.0	1150.9	1593.3	967.5	835.5	1835.7	2851.7	1766.2	2699.9	1735.2	1713.1	34.3	105.7	96.6	
25	DKW 46-15+DAP	Dekalb	1680.3	1498.6	1537.8	937.6	886.7	1776.2	2261.6	1510.5	2477.8	1717.2	1628.4	32.6	100.5	91.8	
26	DL 14001	DL Seeds	1332.6	1442.5	1372.0	822.2	941.9	2122.9	1975.2	1704.7	2078.1	2019.2	1581.1	31.6	97.6	89.1	
27	DKW 45-25	Dekalb	1667.8	1248.5	1565.3	958.1	966.0	1597.0	2173.7	1486.4	2542.3	1233.9	1543.9	30.9	95.3	87.0	
28	DKW 46-15	Dekalb	1534.6	1257.5	1589.8	816.4	940.9	1712.8	1999.2	1447.7	2383.8	1453.4	1513.6	30.3	93.4	85.3	
29	DKW 41-10	Dekalb	1535.5	1552.5	1210.5	822.7	930.3	1595.4	1661.6	1516.5	1538.1	1507.9	1387.1	27.7	85.6	78.2	
15 GM Canola Entries												GM State Mean		1620.8	32.4	100.0	91.4
29 Total Canola Entries												Overall State Mean		1773.7	35.5		100.0