

2013 Winter Wheat - Recrop

Dickinson, ND

Variety	Heading Date	Seeds per Pound	Plant Height	Test Weight	Protein	----- Grain Yield-----			----- Average Yield-----		
						2011	2012	2013	Returns ¹	2	3
	June		in	lbs/bu	%	----bu/ac----			\$/ac	bu/ac	bu/ac
AC Broadview	23	17,222	31	58.7	11.7	--	70.3	64.8	156.42	97.2	--
Accipiter	25	17,720	30	58.8	11.8	40.6	60.3	65.0	159.93	62.7	55.3
Art	20	15,697	30	63.3	12.4	65.4	60.3	61.9	145.33	61.1	62.5
Boomer	24	17,214	31	58.1	12.5	37.0	66.4	60.8	138.16	63.6	54.7
Decade	20	13,646	30	60.6	12.4	48.6	70.1	75.6	227.81	72.8	64.8
Expedition	17	14,332	29	60.9	12.0	--	--	58.5	123.17	--	--
Falcon	23	17,149	30	59.3	12.2	48.6	68.3	66.1	169.31	67.2	61.0
Flourish	23	15,402	30	58.2	12.5	--	--	68.0	182.25	--	--
Ideal	22	14,609	31	62.4	11.4	46.7	62.7	71.1	190.95	66.9	60.2
Jerry	24	14,113	33	60.9	12.0	39.1	66.0	63.5	150.89	64.7	56.2
Lyman	20	12,830	31	64.0	13.0	55.6	67.9	64.5	162.87	66.2	62.7
McGill	21	15,723	31	59.7	11.7	--	60.0	55.5	100.94	72.2	--
Moats	24	15,906	33	56.2	11.7	--	--	66.1	163.84	--	--
Freeman	18	14,451	29	59.2	11.1	--	--	65.1	149.92	--	--
Overland	20	13,441	31	63.6	11.7	50.5	75.4	63.5	148.42	69.5	63.1
Peregrine	24	15,615	34	63.0	11.1	42.7	54.9	72.0	190.34	63.4	56.5
Robidoux	20	17,467	31	59.9	12.1	--	66.4	45.3	44.00	51.9	--
SY Wolf	20	14,873	29	57.6	11.8	61.8	65.8	72.0	199.13	68.9	66.6
Sunrise	22	15,230	31	59.9	11.5	--	--	74.5	210.91	--	--
WB Grainfield	16	14,356	28	60.8	11.8	--	--	50.0	70.11	--	--
WB-Matlock	24	15,653	31	60.5	12.6	28.8	70.6	64.3	159.29	67.4	54.5
Wesley	18	13,809	30	59.4	12.6	47.8	51.8	63.1	152.07	57.4	54.2
Trial Mean	21	15,293	31	60.2	11.8	46.7	64.6	64.7	156.02	--	--
CV %	0.0	3.2	7.9	3.9	12.5	--	9.5	10.1	--	--	--
LSD 0.10	1	850	NS	2.8	NS	--	7.3	7.7	--	--	--

Planting Date: October 1, 2012

Harvest Date: August 5, 2013

Previous Crop: Pea

Seeding Rate: 1 million live seeds/ac

¹Returns were calculated by multiplying the 2013 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on August 10. The price paid on this date was \$6.51/bu for a grain protein concentration of 12%. \$.01/bu was paid for each additional 0.2% increase in grain protein up to 15%, above which an additional premium was not paid. Grain was discounted \$0.04/bu for each 0.2% reduction in grain protein from 12% to 9%, below which no additional discount was assigned. Returns factored in discounts for grain with a test weight < 60 lb/bu [-\$.01/bu for 0.5 lb/bu between 60 and 58 lb/bu; -\$0.02/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$0.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$0.04/bu for 0.5 lb/bu between 55 and 54 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 54 and 52 lb/bu]. Returns also deduct \$229.42, the sum of all listed costs from the December 2012 Farm Management Planning Guide Projected 2013 Crop Budgets South West North Dakota for winter wheat.