

**NDSU North Central Research Extension Center
2017 Faba Bean Variety Trial - Minot**

Variety	Seedling	Seedling		Harvest			Plant	Lodging	Height of
	Emergence	Stand	Stand	Days to	Days to	Days to	Height		1st Pod
	DAP ¹	# / sq ft	# / sq ft	DAP ¹	DAP ¹	DAP ¹	inches	0-9 ²	inches
Fanfare	13	4.8	4.8	47	73	93	21	0	9
Tabasco	13	4.1	4.1	48	72	92	21	0	7
Boxer	13	4.8	4.4	46	72	93	22	0	8
Fabelle	13	5.8	5.1	47	72	91	20	0	9
Trial Mean	13	4.9	4.6	47	72	92	21	0	8
C.V.%	0.0	19	20	2.7	1.3	1.8	9.9	0.0	12.2
LSD 5%	NS	NS	NS	NS	NS	NS	NS	NS	NS
LSD 10%	NS	NS	NS	NS	NS	NS	NS	NS	NS

¹ DAP = Days after planting.

NS = no statistical difference between varieties.

Variety	Grain	Test	1000	Seed Yield			Average Yield	
	Protein	Weight	KWT	2015	2016	2017	2 year	3 year
	%	lbs/bu	g	pounds per acre				
Fanfare	25.5	58.9	462	5045	5537	1798	3667	4127
Tabasco	22.8	55.8	363	3952	5330	1653	3492	3645
Boxer	24.6	57.8	472	4837	6100	2079	4090	4339
Fabelle	26.3	56.6	429		4462	1915	3189	
Trial Mean	24.8	57.3	432	4359	5402	1861	--	--
C.V.%	1.4	1.1	5.6	6.0	3.4	19.9	--	--
LSD 5%	0.7	1.3	48	395	324	NS	--	--
LSD 10%	0.5	1.0	38	325	265	NS	--	--

Trial was planted on April 28 with a seeding rate of 200,000 pls/A and harvested on August 28.

Previous Crop: 2014 & 2015 = Spring wheat, 2016 = canola

Tillage System: Transitional No-till (2nd year)

Soil Type: Williams Loam

Note: The 2017 trial sustained severe drought.