

Table (1) : Straw yield and its components as affected by the studied treatments.

Main effects and Interactions	Plant height (m)			Number of branches / pant			Straw yield ton / fad.		
	1 st season 2017/2018	2 nd season 2018/2019	Combined	1 st season 2017/2018	2 nd season 2018/2019	Combined	1 st season 2017/2018	2 nd season 2018/2019	Combined
Varieties (V):									
Serw 4	1.896	1.920	1.908	14.926 b	16.917 b	15.922 b	311.68 a	326.45 a	319.07 a
Serw 6	1.771	1.795	1.783	12.923 c	14.944 c	13.934 c	266.73 b	279.77 b	273.25 b
Pactol	2.331	2.081	2.206	22.019 a	24.028 a	23.024 a	318.09 a	333.44 a	325.77 a
F .test	N.S	N.S	N.S	**	**	**	*	*	*
Density (D):									
5 cm	1.798	1.822	1.810	13.472 c	15.481 c	14.477 c	184.66 c	199.95 c	192.29 c
10 cm	1.916	1.940	1.928	16.423 b	18.444 b	17.434 b	256.82 b	270.93 b	263.88 b
15 cm	2.065	2.034	2.049	19.972 a	21.963 a	20.968 a	455.03 a	468.82 a	461.93 a
F .test	N.S	N.S	N.S	**	**	**	**	**	**
Nitrogen levels(N)									
Control (N0)	1.713 b	1.737 b	1.725 b	14.176 c	16.185 c	15.181 c	249.75 c	262.76 c	256.26 c
40 Kg/fad.	1.761 b	1.748 b	1.755 b	14.878 c	16.889 c	15.884 c	298.63 b	313.27 b	305.95 b
60 Kg/fad.	1.879 ab	1.866 ab	1.873 ab	17.463 b	19.482 b	18.473 b	305.01 b	319.20 b	312.10 b
80 Kg/fad.	2.352 a	2.376 a	2.364 a	19.974 a	21.963 a	20.969 a	341.96 a	357.67 a	349.82 a
F .test	*	*	*	**	**	**	**	**	**
Interaction									
V*D	N.S	N.S	N.S	**	**	**	*	*	*
V*N	*	*	*	*	*	*	N.S	N.S	N.S
D*N	N.S	N.S	N.S	*	*	*	*	*	*
V*D*N	N.S	N.S	N.S	*	*	*	N.S	N.S	N.S

Table (2) :Seed yield ton /fad., and it's component as affected by studied treatments.

[illegible]

Table (3) : Protein % and Oil % of Canola seed as affect by varieties , density and nitrogen levels in two seasons and their combined .

Main effects and interactions:	Protein %			Oil %		
	1 st season 2017/2018	2 nd season 2018/2019	Combined	1 st season 2017/2018	2 nd season 2018/2019	Combined
Varieties (V)						
Serw 4	27.595 b	26.809 b	27.202 b	37.355 b	36.763 b	37.059 b
Serw 6	21.578 c	19.698 c	20.638 c	35.243 c	37.735 c	36.489 c
Pactol	28.743 a	27.203 a	27.973 a	41.656 a	45.542 a	43.599 a
F .test	**	**	**	**	**	**
Density (D)						
5 cm	25.486 c	24.085 c	24.786 c	37.065 c	39.195 c	38.130 c
10 cm	25.880 b	24.537 b	25.208 b	38.273 b	39.989 b	39.131 b
15 cm	26.550 a	25.089 a	25.819 a	38.916 a	40.856 a	39.886 a
F .test	**	**	**	**	**	**
Nitrogen levels(N)						
Control (N0)	24.611 d	23.539 d	24.075 d	37.306 d	38.744 d	38.025 d
40 Kg/fad.	25.611 c	24.211 c	24.911 c	37.790 c	39.572 c	38.681 c
60 Kg/fad.	26.442 b	24.972 b	25.707 b	38.368 b	40.386 b	39.377 b
80 Kg/fad.	27.225 a	25.558 a	26.391 a	38.874 a	41.352 a	40.113 a
F .test	**	**	**	**	**	**
Interaction						
V*D	**	N.S	**	**	**	**
V*N	**	**	**	**	**	**
D*N	*	N.S	*	**	**	**
V*D*N	**	**	**	*	*	*

Table (4) : Correlation coefficient among seed yield and its components and quality character.

characters	2	3	4	5	6	7	8	9
1- Seed yield ton / fad.	0.044	.360(**)	.450(**)	.857(**)	0.015	0.026	.190(*)	0.108
2- No. of pods / plant		.390(**)	.257(**)	0.158	0.027	.969(**)	.612(**)	.865(**)
3- No. of seeds / pod			0.093	0.088	0.047	.368(**)	.528(**)	.371(**)
4- 1000-seed weight				.296(**)	0.082	.210(*)	0.18	.353(**)
5- Straw yield ton / fad					0.021	0.167	0.118	0.029
6- Plant eight (cm)						0.024	0.02	0.019
7- No. of branches /plant							.612(**)	.788(**)
8- Protein%								.549(**)
9- Oil %								

** Correlation is significant at the 0.01 level (2-tailed).

* Correlation is significant at the 0.05 level (2-tailed)