

Table(3): Vegetative growth characters of sweet pepper plants as affected by N level and its application systems during the summer seasons of 2006 and 2007.

Treatments		2006 season				2007 season			
N rates (Kg N fed ⁻¹)	Systems of N application	Plant height (cm)	No. leaves plant ⁻¹	Leaf area (dm ²)	Foliage dry mass plant ⁻¹ (g)	Plant height (cm)	No. leaves plant ⁻¹	Leaf area (dm ²)	Foliage dry mass plant ⁻¹ (g)
60		50.3C*	74.2B	36.0C	55.4C	54.1C	78.4B	36.6C	60.5B
90		60.3B	79.8A	40.6B	73.4B	63.3B	83.3A	45.2B	78.7A
120		64.4A	79.5A	45.7A	75.9A	66.5A	85.5A	48.4A	77.2A
	3 doses	49.9D	67.5D	36.5D	59.3D	53.0D	72.5D	38.5D	63.5D
	4 doses	54.8C	74.1C	39.2C	64.6C	57.7 C	80.3C	42.1C	70.6C
	5 doses	62.6B	82.9B	42.7B	72.8B	65.5B	86.1B	45.6B	76.5B
	6 doses	65.9A	86.8A	44.6A	76.2A	69.0A	90.6A	47.4A	78.0A
60	3 doses	43.3j	62.7j	31.6h	49.5k	46.4i	66.3i	31.9i	51.6i
	4 doses	47.0i	73.9g	33.5g	52.6j	52.6h	76.3g	35.2h	56.6h
	5 doses	54.2g	78.9f	39.0f	56.2i	56.3f	83.3e	38.2g	65.4g
	6 doses	56.5e	81.3e	39.9e	63.4g	61.2d	87.6cd	41.0f	68.4f
90	3 doses	51.1h	68.4i	38.1f	61.9h	54.9g	73.9h	41.0f	67.7f
	4 doses	56.5e	79.4f	40.3de	68.3e	58.1 e	81.8f	43.8d	80.6c
	5 doses	66.1c	83.3d	41.0d	81.2bc	68.9c	86.3d	47.0c	82.9ab
	6 doses	67.6b	88.2b	42.9c	82.2ab	71.0b	91.0b	48.9b	83.7a
120	3 doses	55.3f	71.3h	39.9e	66.5f	57.6ef	77.3g	42.7e	71.2e
	4 doses	61.0d	69.1f	43.6c	73.0d	62.4 d	82.7ef	47.3c	74.7d
	5 doses	67.7b	86.4c	48.0b	81.1c	71.2b	88.7c	51.6a	81.2c
	6 doses	73.5a	91.0a	51.0a	83.1a	74.9a	93.1a	52.2a	81.9bc

* Values marked with the same alphabetical letter (s), within a comparable group of means, do not significantly differ, using revised L.S.D. test at 0.05 level.

Table(4): Fruit yield and its components of sweet pepper plants as affected by N level and its application systems during the summer seasons of 2006 and 2007.

Treatments		2006 season				2007 season			
N rates (Kg N fed ⁻¹)	Systems of N application	Early yield plant ⁻¹ (g)	yield plant ⁻¹ (g)	No. of fruits plant ⁻¹	Average fruit weight (g)	Early yield plant ⁻¹ (g)	yield plant ⁻¹ (g)	No. of fruits plant ⁻¹	Average fruit weight (g)
60		131.2C	806.3C	13.7B	58.5C	149.0C	845.4C	14.0B	60.3C
90		147.7A	947.4A	15.1A	62.5B	161.4B	1037.6A	15.2A	68.3A
120		143.4B	918.1B	14.3B	65.0A	165.1A	990.0B	15.4A	64.1B
	3 doses	152.7A	723.1D	12.7C	57.0D	163.7A	817.6C	13.4C	61.1C
	4 doses	143.7B	841.8C	14.7B	61.0C	159.9B	921.8B	14.6B	63.0B
	5 doses	136.3C	960.1B	15.1A	63.6B	156.4C	1057.7A	15.9A	66.5A
	6 doses	130.4D	1037.3A	15.6A	66.3A	154.1D	1033.4A	15.5A	66.4A
60	3 doses	142.7c	640.8j	12.0g	53.4f	155.7g	753.9j	12.8d	58.9g
	4 doses	132.7e	713.0i	12.8f	55.7e	150.4h	786.0i	13.1d	60.0fg
	5 doses	127.7f	893.5f	14.6d	61.2d	147.2i	954.0f	15.0bc	63.6de
	6 doses	121.9g	977.9d	15.4bc	63.5c	142.8i	887.7g	15.1bc	58.8b
90	3 doses	158.9a	741.5h	13.1f	56.6e	168.5a	889.6g	13.9d	64.0de
	4 doses	150.1b	908.5e	14.7d	61.8d	163.4de	996.6d	15.1bc	66.0c
	5 doses	143.2c	1024.0b	16.0ab	64.0c	157.6f	1130.5a	15.9af	71.1a
	6 doses	138.7d	1115.4a	16.5a	67.6a	156.1g	1133.5a	15.7ab	72.2a
120	3 doses	156.6a	786.9g	12.9f	61.0d	166.8b	809.4h	13.4d	60.4f
	4 doses	148.3b	903.9e	14.7d	65.5b	165.8c	982.8e	15.6b	63.0e
	5 doses	138.1d	962.9d	14.7d	65.5b	164.5d	1088.6b	16.8a	64.8d
	6 doses	130.6e	1018.5c	15.0cd	67.9a	163.3	1079.1c	15.8ab	68.3b

** Values marked with the same alphabetical letter (s), within a comparable group of means, do not significantly differ, using revised L.S.D. test at 0.05 level.