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631.4/.8(063)

07 – 09 2017 . – , 2017. – 345 .

(**10 19 2017**).

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, 2017 .

2.

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[1, 2].

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[5, 6].

[7].

80-100²,

- 20-50².

(. 1).

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4

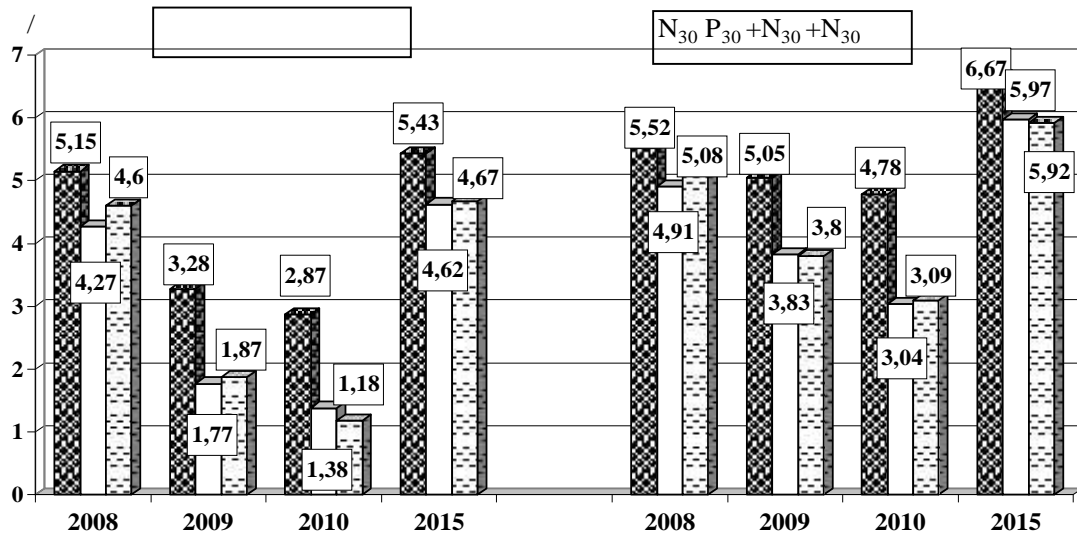
4,18 /

3,01,

- 3,08 / ,

5,51; 4,44 4,47 /

, 31,8; 47,5 45,1%.



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(,) /

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2014-2016 .

(,) , (,) ,

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– 3,14 3,04 / ,

– 3,98 3,94 /

(. 1).

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-		2008 .		2009 .		2010 .		2015 .	
		1	2	1	2	1	2	1	2
)	.(st)	1241,3	1110,5	1428,4	966,1	2599,1	1526,3	1072	900
		914,1	872,6	1226,1	785,5	1721,9	1055,6	798	668
		968,5	939,7	1284,3	838,8	1783,2	1113,1	831	684
		1058,1	1008,4	1396,1	843,7	1766,0	1086,8	903	697
		1081,5	980,8	1288,1	877,9	1953,9	1091,1	924	743
		1052,7	982,4	1324,6	862,4	1964,8	1174,6	906	740
	.(st)	1381,3	1226,4	2524,1	1161,6	3876,9	1868,7	1191	830
		1073,4	942,4	2175,0	1004,7	3440,4	1703,3	909	753
		1158,7	996,0	2107,7	999,8	3764,5	1638,8	922	784
		1280,2	1077,8	2336,6	1087,5	3965,6	1670,4	1028	795
		1309,0	1148,6	2463,2	1099,2	3764,5	1681,2	1124	802
		1240,5	1078,2	2321,3	1070,6	3762,4	1712,4	1035	793
	.(st)	1328,9	1195,4	2326,9	1143,8	4794,4	1810,5	1190	847
		1022,7	930,0	1902,8	1137,4	4142,4	1578,7	906	752
		1070,8	989,8	2109,8	942,6	4502,6	1638,6	937	781
		1140,7	1049,3	2300,6	1068,8	4542,1	1714,6	1016	798
		1174,0	1024,7	2287,6	1085,9	4045,3	1654,3	1054	832
		1146,9	1037,8	2185,5	1075,7	4405,3	1679,3	1021	802

: 1 -

, 2 -

27-30%

2 -

30-38%.

(. 2).

$N_{30}P_{30}$

1,72 2, 72 / .

N_{60}

(3,26 /) $N_{30}P_{30}$ + N_{30}

(3,30 /).

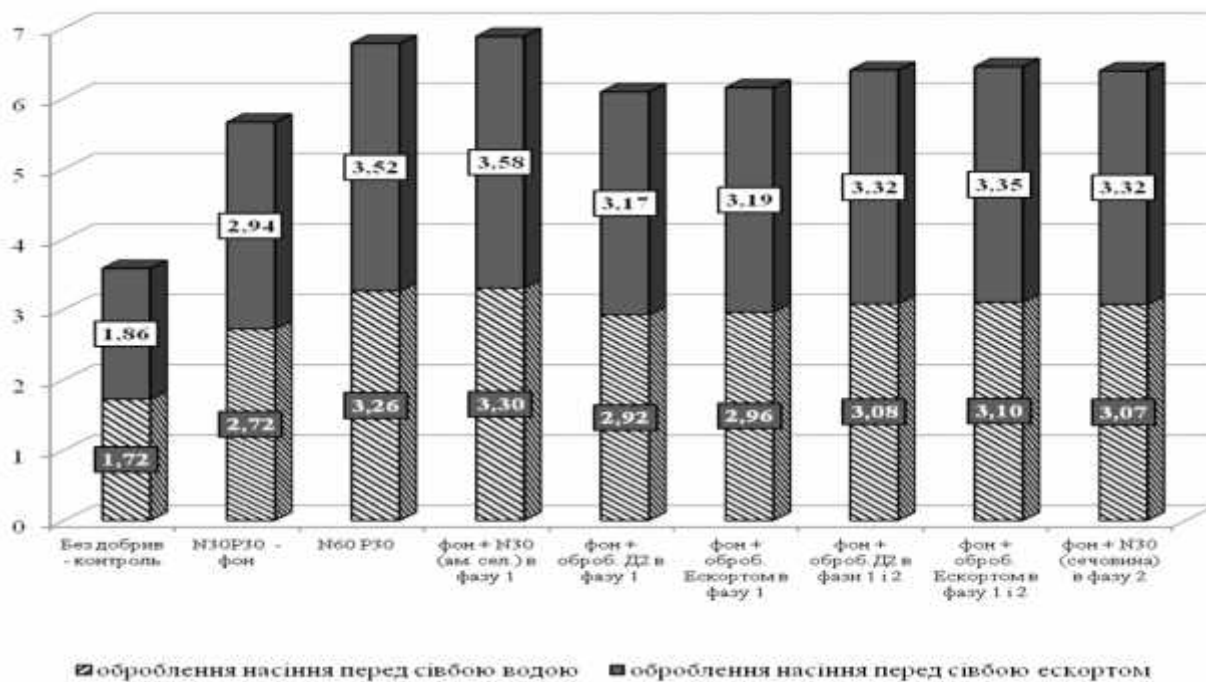
$N_{30}P_{30}$

$2(3,08 /)$

(3,10 /).

1,72 1,86 / . ,

2,90, - 3,14 / , 8,3% .



■ оброблення насіння перед сівбою водою ■ оброблення насіння перед сівбою ескортом

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; 2 -

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, / (2014-2016 .)

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80-92%.

(2013-2015 .)

28-30%.

2,45 / ,

N₁₅P₁₅K₁₅ 2,94 / ,

8-10

- 3,02 3,48 / .

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15-20%

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. 74-75.
3. . . .
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(30 -4 2014 ., .). - , 2014. -
1. - . 38-47.
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. - 2. - 2012. - . 203-206.
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6. . . . ,
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« . - . 3 (27), 2014. - . 192-196.
7. . . .

Gamayunova V. V, Litovchenko A. O, Dvoretzky V. F, Music N. N, Tuz M. S., Kudrina V. S, Iushko . V. Ways to improve the efficiency of the modern agricultural area on the principles of resource conservation.

In state over of modern manage is brought, the necessity of return of plant-grower industry is reflected to implementation of basic laws of agriculture, in particular reasonable duty of agricultural in a crop rotation and improvement of their structure. In connection with reduction of volumes of the use of organic and mineral fertilizers at growing of agricultural cultures and impoverishment of soils on humus and basic nourishing elements, offered optimization of feed of plants on principles of resource. On the row of, leguminous and oil-bearing grain-crops efficiency of application of modern growth regulators substances is investigational on the background of moderate doses of mineral fertilizers by reseed treatment of seed and sowing of plants in basic periods of vegetation. Influence of the offered measures is shown on the level of harvest of the investigated cultures, separate indexes of quality and substantial increase of the effective use by the plants of moisture, that are exceptionally important for the droughty terms of south Steppe of Ukraine.

Key words: winter cereals, spring wheat, peas, sunflower seeds, crop rotation, growth regulators substance, optimize nutrition consumption.

631.85

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