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( 40 80) – 21 / .

2. ) , 1993-2008 .

	% ,	% ,	/ ,	% ,	% ,	/ ,	<sup>137</sup> Cs, /
1	17,1	2,74	85,35	21,4	1,73	365	345
2	17,8	2,85	97,45	22,4	1,92	357	181
3	17,7	2,83	98,35	21,9	1,94	399	159
4	17,7	2,83	93,00	21,3	1,91	371	176
5	18,2	2,91	94,85	21,7	1,98	421	133
6	18,4	2,94	100,9	22,7	2,06	438	99
7	18,4	2,94	98,05	21,8	2,03	429	144
8	17,6	2,82	92,70	21,8	1,93	395	165
9	17,9	2,86	95,25	21,9	2,10	468	133
10	18,3	2,93	99,1	22,5	2,21	474	98
05	0,9		8,0			38	24

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365-474 /

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[3].

-137

## YIELD AND QUALITY OF LUPINE GREEN MASS DEPENDING ON FERTILIZING SYSTEM

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*The effect of the integrated application of fertilizers and plant-protecting agents on the yield and quality of blue lupine green mass was studied in a field experiment on soddy-podzolic soil. Optimal application rates of fertilizers ensuring the steady yield and ecological safety of crop were revealed.*

*Keywords: lupine, fertilizing system, crop yield, cesium-137, crop quality.*