

... , ... , ...

2010 . -

(*Chaenomeles* Maulei). -

(*Chaenomeles* Maulei) – 2,5

2010 . -

6–13 7 20 -

(3,4–7,2%), (2–6,5%, - 4,5–4,9 , ... 84,3 90,97 %.

(8–20%), (50–230 %), (1–3%), (1,5–3,5%), (800–1200 %), F, - 1000 – 25,0–40,0 . 56–70.

2008–2009 . 486–696,5 / (. 1). 2010 .

[1, 2, 5, 6, 10]. - 1, 2, 4, (.

2). 11 12.

[5, 7, 8]. -

1.

	/				%
2008–2009 .					
1	494,2	46,15	61,15	38,92	84,33
2	696,5	43,42	59,85	39,30	90,51
4	486,3	29,81	55,80	26,64	89,36
05		5,45	1,78	4,22	2,06
2009–2010 .					
1	250,0	45,38	70,33	38,98	85,89
2	210,0	38,07	58,00	33,24	87,31
4	326,0	43,00	63,00	39,12	90,97
11	782,0	49,97	69,00	43,68	87,41
12	886,0	56,18	61,33	50,24	89,42
05		3,62	2,46	3,40	1,01

1,0 1,0 . - 39 , -

(.), (.) (2008–2010

12

5 .

[9]. 3–5-

12 (14,99 %).

[3]. 2008 . 1,36 3,04 %.

2009 .

1–2 - 88,3 88,0 , - 4,42 5,43 %.

(),

2.

, % (2008–2010 .)

1	1,72	1,31	12,37	1,58	4,48
2	1,63	1,30	12,25	1,46	4,89
4	1,87	1,32	13,37	3,04	4,42
11	1,73	1,31	13,06	2,97	5,43
12	1,96	1,43	14,99	1,36	4,89
05	0,07	0,02	0,55	0,33	0,20

[4, 7, 8]

2 6,5%.

1,63 1,96%

1 4 (. 3).

3.

, /100 (2008–2010 .)

		1	2			-	Fe	Na	Ca	Mg	K	P ₂ O ₅
1	0,45	0,43	0,06	19,20	3,52	<0,50	0,33	2,03	16,10	6,52	120,0	10,60
2	0,39	0,03	0,12	11,66	0,59	0,32	1,36	1,68	15,35	3,93	223,4	12,64
4	0,27	0,45	0,07	16,30	3,03	<0,50	0,38	1,92	22,00	6,83	116,0	10,70
11	0,25	0,40	0,06	15,20	2,92	<0,50	0,40	2,03	18,10	5,64	110,0	9,00
12	0,18	0,24	0,05	12,80	2,53	<0,50	0,58	2,16	38,10	8,80	150,0	14,80
05	0,05	0,08	0,01	1,51	0,58		0,20	0,09	4,55	0,97	22,68	1,16

. – 2003. – 3. – . 24–26. 5.

XXI

6. (Chaenomeles japonica (Thunb.) Lind)

: 1, 4, 11, 12, . 7. / . 2003.–18

. 1994. – . 289–304. 8. / . 2004. – 64 . 9.

1. : , 2001. – 48 . 2. / . –

(Chaenomeles Maulei) . //

. 281, . 2009 ., . 222–224. 10. .

(Chaenomeles maulei)

// : . . – . 9. – ., 2003. – . 208–

215. 3. . . 2- , . . ., 1972. 4. 889 . , – 2009. –

FRUIT YIELD AND QUALITY OF THE PROMISING FORMS OF FLOWERING QUINCE (*CHAENOMELES MAULEI*) IN THE MOSCOW REGION

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Promising early-prolific, productive, large-fruited, high-vitamin forms of flowering quince (*Chaenomeles maulei*) were selected and analyzed in three-year-long studies. Quality parameters of fruits were characterized, and the biochemical analysis of fruits for biologically active substances was performed.

Keywords: flowering quince, biologically active substances, fruit yield and quality.