

615.322:582.734.4

- 1
- 1
- 2
- 3

- 2
- ”

CYDONIA OBLONGA L. CHAENOMELES L.

- ; - - 2010 . 2010

- [7], -

1534 ., 1,0 (), (3+).

[8]. - (80%) 0,25 , 50 70% , -

[9]. - , , -

1,5 [10,11]. 80° 30 . -

- 70% . -

- 2000-3000 / . 0,1 10-15 . -

- 0,9 70% , 6 50 50 ,

- (950), 0,2 25 2 (0,5 -

-). -

- 80° 50 . -

- 550 -

[1-6]. 10 , , 1 70% , -

- 6 , 0,2 -

Ch. speciosa (Sweet) Nakai « » (3+). -

« », ; () -

. oblonga L. « » « : -

18» , -

: -

Ch. japonica (Thunb.) Lindl. . (-) -

ex Spach. « », -

Ch. japonica (Thunb.) Lindl. ex Spach 136 - , -

Ch. speciosa (Sweet) Nakai « » - , - ; -

Ch. superba (Frahm) Rehd. -

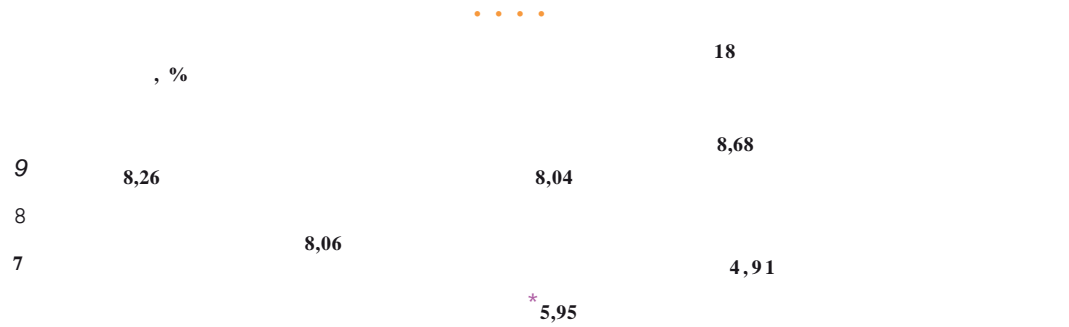
« ».

(. 1).

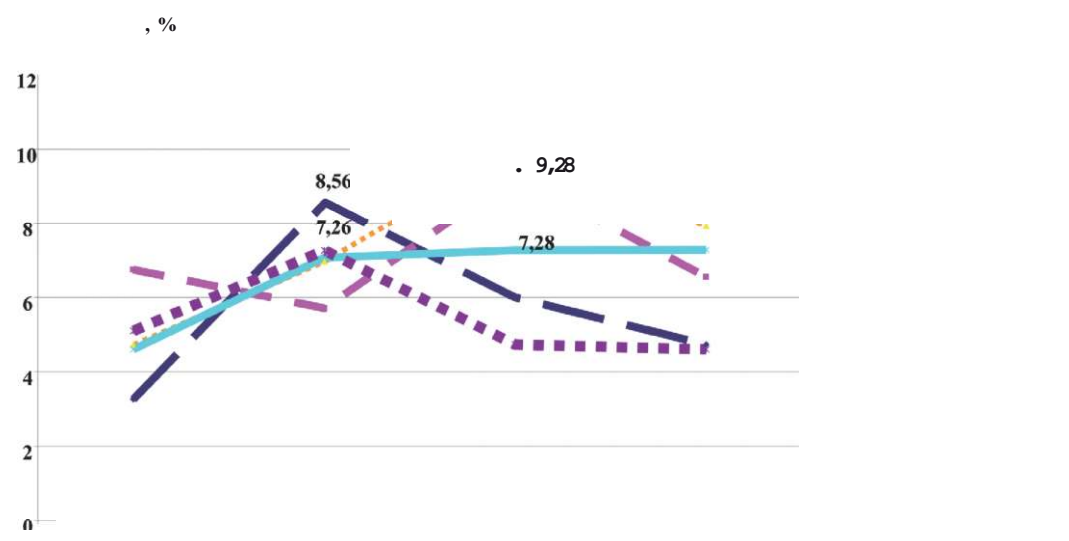
Ch. *superba* (Frahm)

Rehd. « », Ch. *speciosa* (Sweet) Nakai

	, %	Rehd. « », Ch. <i>speciosa</i> (Sweet) Nakai
12.55±0,12	10,85±0,12	3,02±0,03%
7,12±0,07	7,80±0,09	4,41±0,05%
8,39±0,09	6,83±0,08	18»
9,30±0,10	7,70±0,09	
6,22±0,07	3,03±0,04	



1. (%)
 « » », « » « », (. 2).
 « 18»
 « » - japonica (Thunb.) Lindl. ex Spach Ch. *speciosa* (Sweet) Nakai,
 « » (Sweet) Nakai « » « » Ch. *speciosa*



2. (%)

1. 2. 3. 4.

^ *superba* (Frahm) Rehd. « » - 12.55±0,12% (Thunb.) Lindl. ex Spach *Ch. japonica* *Ch. speciosa* (Sweet) Nakai - 9,99±0,12% ().

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THE STUDY OF PROCYANIDINS CONTENT IN LEAVES AND FRUITS OF VARIOUS CHAENOMELES L. AND CYDONIA OBLONGA L. SPECIES

Key words: *Cydonia oblonga* L., *Chaenomeles* L., varieties, procyanidins

The results of the study of procyanidins content in leaves and fruits of various *Chaenomeles* L. and *Cydonia oblonga* L. species were adduced. It was shown that in the process of fruit ripening of *Chaenomeles* L. procyanidins content had decreased. The maximum content of procyanidins in the leaves of *Chaenomeles* L. and *Cydonia oblonga* L. was noted in the period of intensive shoot growth. The content of procyanidins in fruits and leaves of *Chaenomeles* L. did not depend on the type of *Chaenomeles* L.