

# BOUNDERING THE FRUIT GROWING AREAS FROM SOUTH COMPARTMENT OF THE SUCEAVA PLATEAU

## DELIMITAREA ZONELOR POMICOLE DIN COMPARTIMENTUL DE SUD AL PODIȘULUI SUCEVEI

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***Abstract:** The natural and economical conditions from South Compartment of the Suceava plateau which is situated along a two counties has led us to bound in Iași county of a fruit growing basin laying across Deleni – Hârlău – Cotnari – Ceplenița.*

*Areas with a total of 1150 ha. For Suceava county meeting the same climatic and soil conditions it has been bounded a second basin of 1290 ha, situated into a traditional fruit growing area of Fălticeni – Rădășeni – Vulturești.*

*The high rate of favorability in the fruit growing bounded areas is conferring for the apple kind ideal conditions for grow. As a result of the research working from this area (SCDP Fălticeni) have been created and homologated two kinds of apple (Fălticeni and Rădășeni) with superior features of production (resistance to cold and drought) and uppermost under the aspect of taste quality.*

***Rezumat:** Condițiile natural economice din Compartimentul de Sud al Podișului Sucevei situat pe raza a două județe ne-au condus la delimitarea în județul Iași a unui bazin pomicol care se întinde în zona Deleni – Hârlău – Cotnari – Ceplenița în suprafață de 1150 hectare. Pentru județul Suceava cu aceleași condiții pedoclimatice a fost delimitat al doilea bazin pomicol în suprafață de 1290 hectare, fiind cantonat într-o zonă pomicolă tradițională Fălticeni – Rădășeni – Vulturești.*

*Gradul ridicat de favorabilitate în bazinele pomicole delimitate conferă speciilor de măr condiții ideale de cultură. Rod al muncii de cercetare din această zonă (SCDP Fălticeni) au fost ceate și omologate două soiuri de măr (Fălticeni și Rădășeni) cu însușiri superioare de producție (rezistență la ger și secetă) și deosebite sub aspectul calităților organoleptice.*

The fruit growing heritage from our country continue to be under concentration and specialization actions within fruit growing basins, although it is diminishing speaking about the areas occupied. Zonation workings of fruit growing were made at national level, but delimitation of fruit growing at regional level are scarce. That's why is occring the neccessity of delimitation of fruit growing basins of Fălticeni – Rădășeni (Suceava) and Hârlău – Deleni – Cotnari – Ceplenița (Iași)

## MATERIAL AND METHOD

The natural and economical conditions existent in the South compartment of the Suceva plateau lain on Iași and Suceava counties led us to make a delimitation of two fruit growing basins> the first one is situate in Iași county is stretching in Hârlău – Deleni – Cotnari – Ceplenița area on a surface of 1150 ha. The second one, was delimited in Suceva county and is comprising Fălticeni – Rădășeni – Vulturești villages with a surface of 1290 ha having old tradition in apple growing.

## RESULTS AND DISCUSSIONS

The Suceava plateau is a structural unit very large with lined and consolidated bedding, covered with a blanket un lined. The bedding consist of cristalline schist banking towards west and is submerging under flysch, which is gushing over the platform. Some authors afirm that the bedding of Suceva plateau of pre - Cambrian age is corrsponding with the area in which took place the maximum submerging of Podolic platform.

Geological deposits in which is situated the area relief are formed from an alternance of clays, sandy clays and sands in which are more level of sandstone and chalkstone. On all over these, along of the main valleys is layng over quaternary deposits tipically for meadows and terraces, and the large interfluviatile spaces are covered very often by eluvial and coluviale loessoid clays, of reduced thickness.

In detail, the Suceva plateau presents some differencies concerning the heights and the relief modelling extent. This permit to divide it in several subunits. In the followings are made refferings to only to the micro zones belonging to the south compartment of the suceva plateau – situated as a geographical settlement on a range of 42 villages from Suceava and Iași counties.

*Tabel 1*

**The micro zones of the south compartment of Suceava plateau**

<b>Nr. crt.</b>	<b>Name of the micro zone</b>	<b>County</b>
<b>1</b>	Fălticeni	Suceava
<b>2</b>	Depression Liteni	Suceava
<b>3</b>	Suceava valley	Suceava
<b>4</b>	Siret alley	Suceava
<b>5</b>	Moțca	Iași
<b>6</b>	Pașcani	Iași
<b>7</b>	Lespezi	Iași
<b>8</b>	Hârlău	Iași

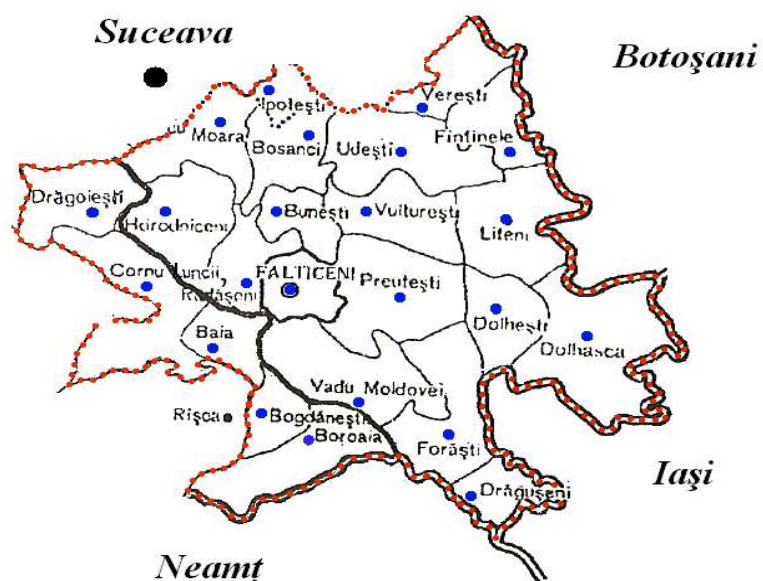


Fig. 1 Delimitation of fruit growing basin Fălticeni – Rădășeni – Vulturești

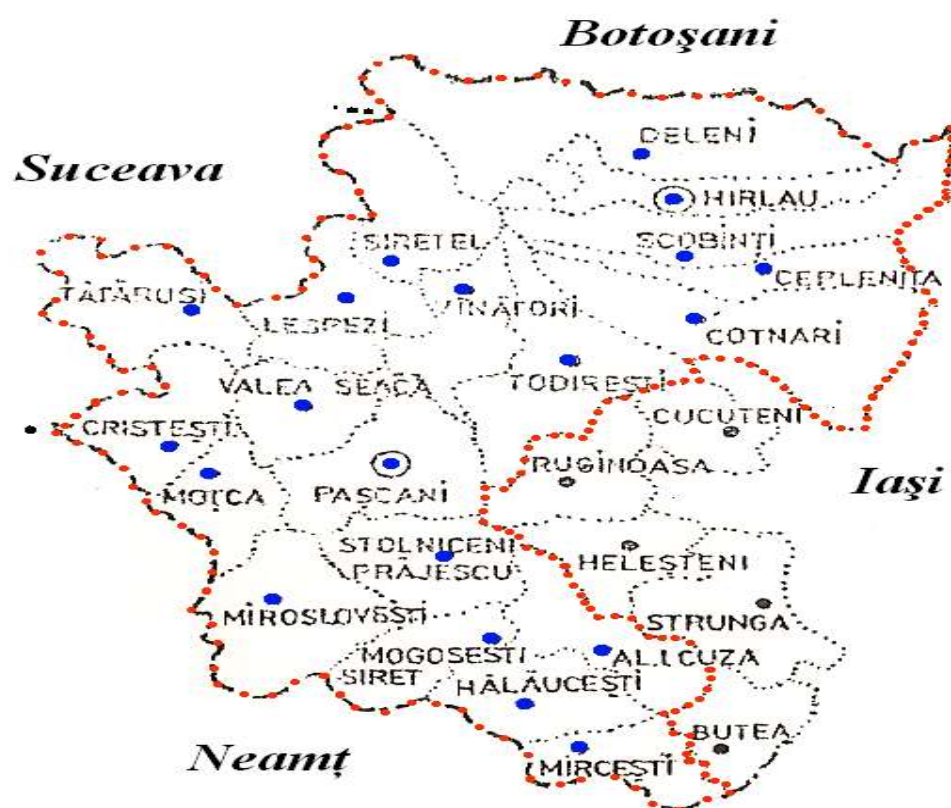


Fig. 2 .Delimitation of fruit growing basin Deleni –Hârlău –Cotnari

## CONCLUSIONS

1. The natural and economical conditions from south compartment of the Suceava plateau situated in a range of two counties led us to a delimitation in the Iași county of a fruit growing basin laying in Deleni – Hârlău – Cotnari – Ceplenița area with a surface of 1150 ha.

For Suceava county with similar pedoclimatic conditions have been delimited the second fruit growing basin with a surface of 1290 ha situated into a fruit growing traditional area Fălticeni – Rădășeni – Vulturești.

2. The high extent of favorability in the delimited fruit growing basins are conferring to the apple kind ideal conditions of growing. As a result of research working in this area (SCDP Fălticeni) there were created and registered two kinds of apple (Fălticeni and Rădășeni) with superior features of production (cold and drought resistance ) and especial organoleptic qualities.

In the fruit growing basin of Deleni – Hârlău – Cotnari – Ceplenița, although the main growing is apple, the sweet cherry is very common, beeing cultivated for hundreds of years known as Boambe de Cotnari.

SCDP Iași is multiplying this kind of fruit in order to respond for higher demand of domestic and external market.

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