



21-22 November 2024

# The Influence of June-bearing and Everbearing Strawberry Varieties on Crop Productivity

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**Abstract:** Strawberries are a key global crop, valued for their nutrition and economic impact. This study compares the performance of June-bearing and everbearing varieties in western Romania, and aims to guide growers in selecting the best varieties.

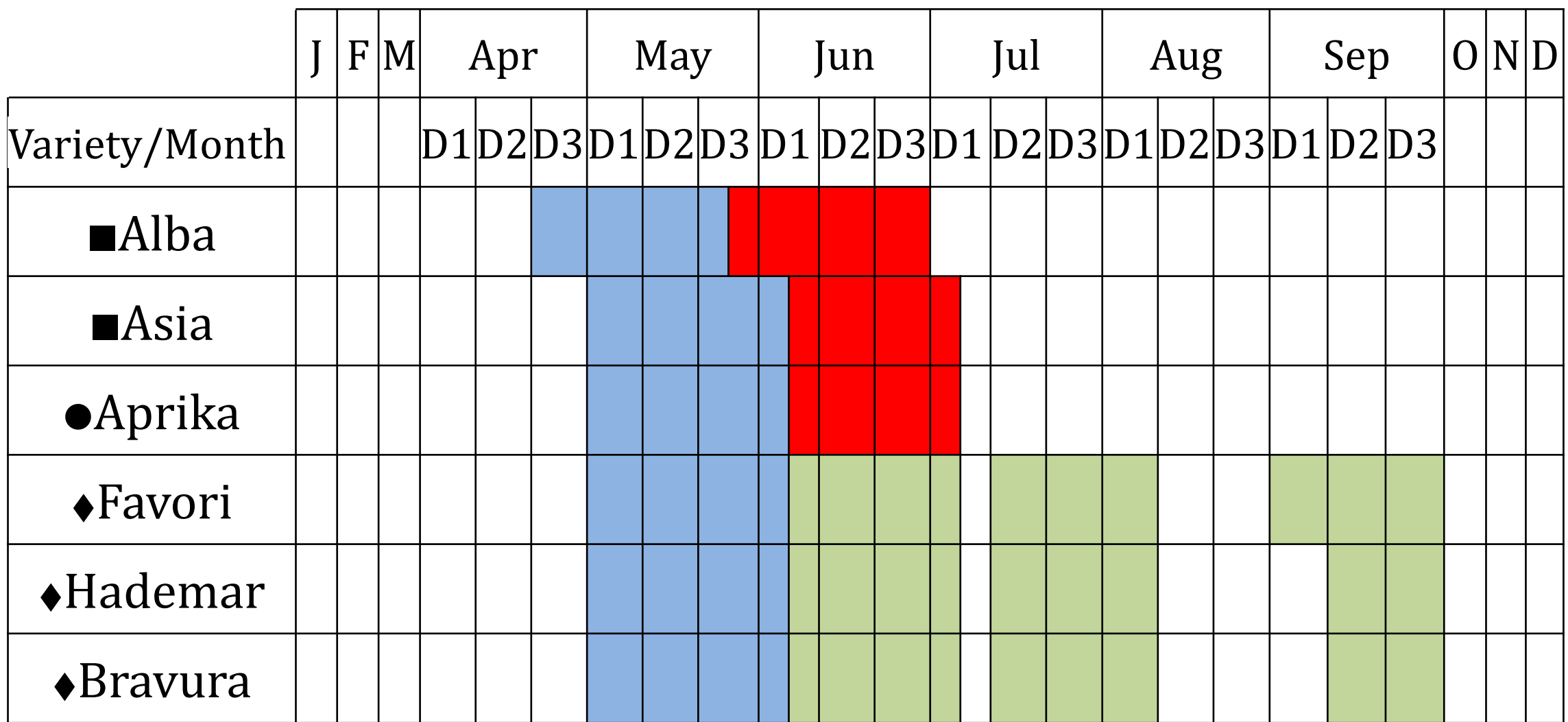
### • Introduction

New cultivation practices are being developed to enhance strawberry yield and resilience.

### • Material and method

The study, conducted in Cetariu (2020–2021), evaluated six cultivars for productivity, resistance, and adaptability. Three June-bearing varieties (Alba, Asia, Aprika) and three everbearing varieties (Favori, Hademar, Bravura) were tested in a monofactorial design with three repetitions of 30 plants each. ANOVA analysis identified significant yield differences, with the control being the average yield of all cultivars.

Phenological stages



Conventional Signs:  
■ Early Season Variety  
● Mid Season Variety  
◆ Everbearing Variety

■ Blooming period  
■ Harvesting period  
■ Highest yield period

### • Results and discussions

Alba: Highest yield (15.9 t/ha, 78.7% above control).

Asia and Aprika: Yields slightly above experimental average.

Favori, Hademar, Bravura: Yields below experimental average.

Favori: Lowest yield (47.2% of control).

Quality Analysis:

Alba and Asia: High proportion of extra-quality fruit.

Bravura: Notable versatility with balanced yield.

### • Conclusions

June-bearing varieties outperformed in yield and quality compared to everbearing varieties.

The strawberry yield from the first harvest

| Nr. crt. | Variant | Absolute production t/ha | Relative production % | ± d t/ha | Semnification |
|----------|---------|--------------------------|-----------------------|----------|---------------|
| 1        | Average | 10,72                    | 100,0                 | 0,00     | Mt            |
| 2        | Alba    | 15,90                    | 148,3                 | 5,18     | xx            |
| 3        | Asia    | 12,20                    | 113,8                 | 1,48     | -             |
| 4        | Aprika  | 11,50                    | 107,3                 | 0,78     | -             |
| 5        | Favori  | 6,73                     | 62,8                  | -3,99    | 00            |
| 6        | Hademar | 10,70                    | 99,8                  | -0,02    | -             |
| 7        | Bravura | 7,30                     | 68,1                  | -3,42    | 0             |

DL 5% = 2.45  
DL 1% = 3.49  
DL 0,1% = 5.05