

## **Red Flesh Apples and Breeding Studies**

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### **ABSTRACT**

Apple can be eaten in a large region of the world, due to factors such as have a wide field of growing, length of storage time, the plenty of early and late varieties. The first that comes to mind is the colored skin when this mentioned apple redness, but fruits red fleshy have been studied recently by breeders. Anthocyanins that consist of the apple skin and of the apple flesh redness have many benefits in terms of health. *MdMYB10* gene is responsible that is anthocyanin and the coloration of flesh and investigated numerous study about it. In this article, the introduction of apples fruit red fleshy, the benefits in terms of health, breeding studies and issues in future work were discussed.

**Key words:** Apple, fruit flesh, *MdMYB10*, anthocyanin, breeding.