

# Development of Virus-Resistant Plants

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Viruses cause infectious diseases in various agricultural crops.



Tomato yellow leaf curl virus



Turnip yellow mosaic virus



Wheat streak mosaic virus



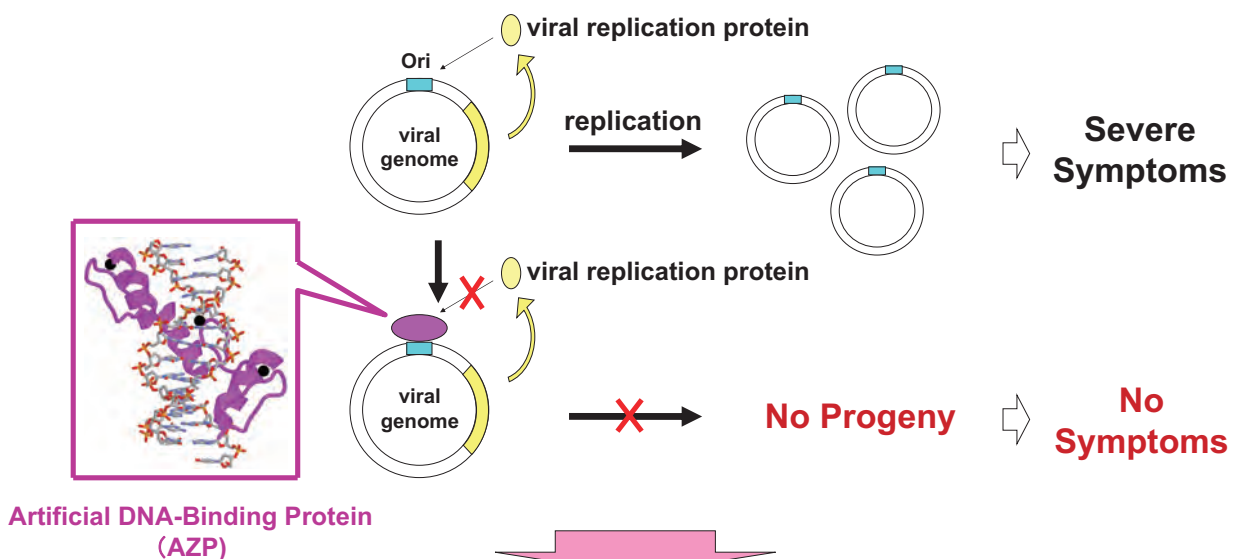
## How to Prevent Virus Infection?

1. Block virus invasion ?
2. Block virus replication even if viruses invade !



Block the binding of a viral replication protein to its ori !  
(the binding is required to initiate virus replication)

**Strategy: Inhibition of Virus Replication by Using AZP**



## AZP-Transgenic Plants