

The development of non-detriment findings for *Galanthus* in Turkey

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Cancun

TURKEY



TURKEY

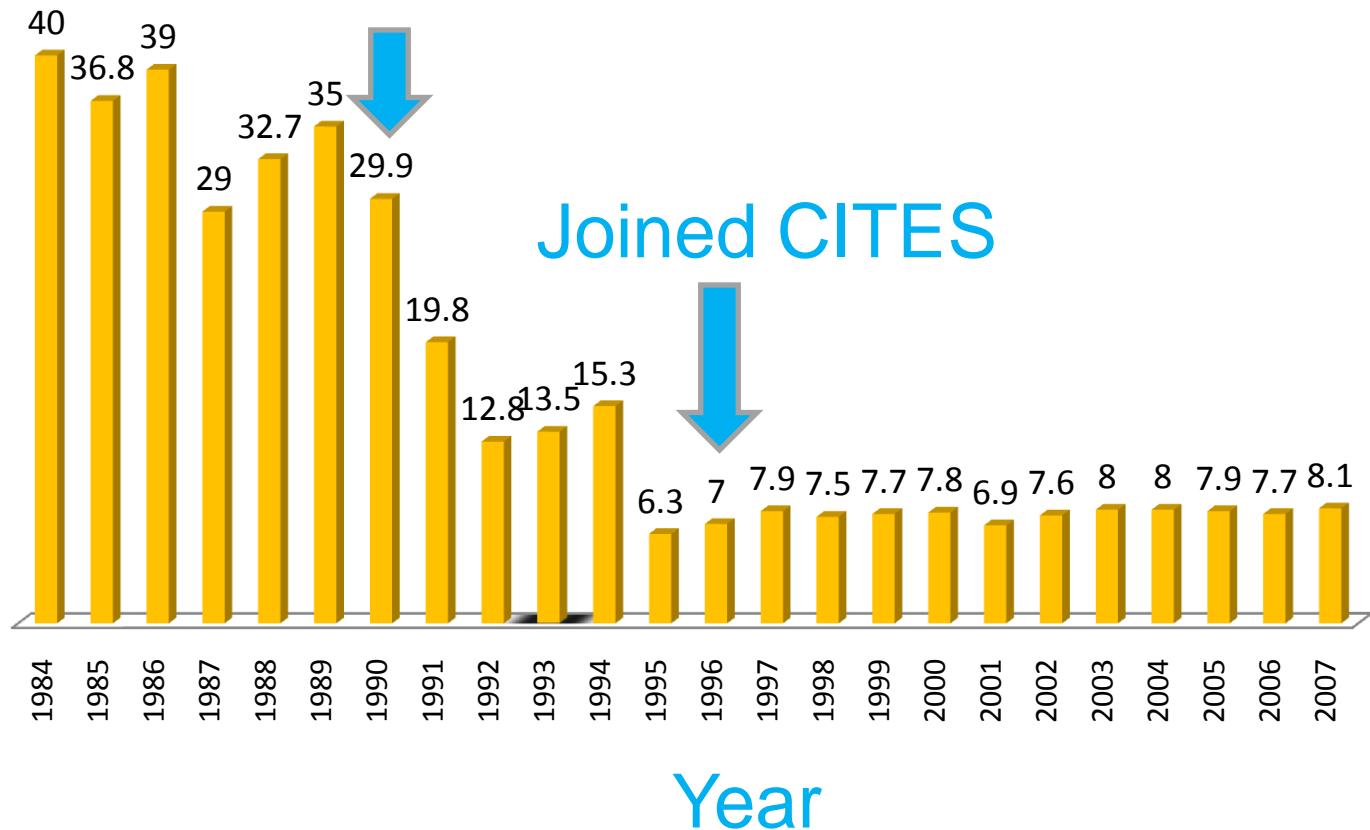
Taurus
Mountains

Turkey has regulated exports of wild collected *Galanthus* for years

New legislation
regulating collection

Exports of
Galanthus
spp.
(millions)

Joined CITES



The NDF process combines population monitoring with a quota system

March



Advisory Committee

- Scientists, government, NGOs



Technical Committee

- Scientists and government
- Sets quota
- Divides quota amongst bulb companies



Bulb companies

- Identify collection localities
- 3 year rotation
- Request permission from TC

May



COLLECTION

- Local collectors paid by bulb companies
- Occurs AFTER seed and bulb set



Interim warehouse

- Bulbs combined
- Inspection



Bulb companies

- Take quota to own warehouse
- Export

October



Technical Committee

- Discuss issues raised and strategy for next year
- General review

The Technical Committee sets the annual quota

Key elements

- Expert knowledge
- Knowledge of history of bulb harvesting
- Inspection of collection and non-collection sites
- Inspection of collected bulbs at interim warehouse



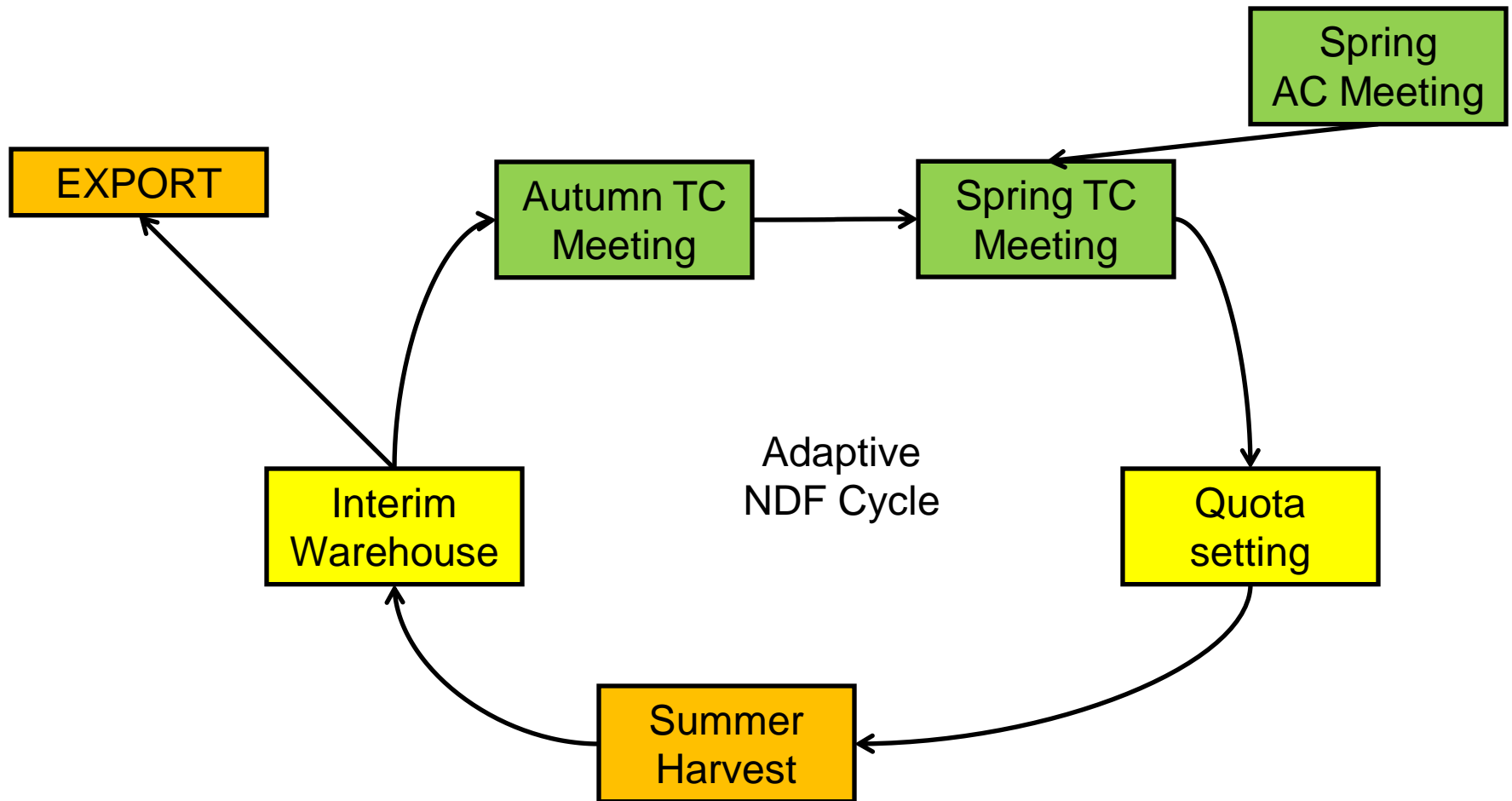
The interim warehouse allows more detailed inspections to take place

Key elements

- Near collection sites
- All bulbs brought there
- Quality and quantity of bulbs from collection sites inspected
- Period of time taken to achieve collection quota assessed
- Log-books kept



The harvest is annually monitored, assessed and, if necessary, adjusted



Info. about the species, the sites, and the harvest is needed to make the NDF

- History of bulb harvest – what has and hasn't been detrimental?
 - Knowledge about what WAS detrimental in the past
- Condition of bulbs at sites and collected
 - Bulb condition
 - Bulb size
 - Concern raised if bulbs small or poor condition
- Period of time taken to complete harvest
 - Currently takes around 2 weeks
 - Concern raised if starting to take too long

This process allows NDFs to be made with reasonable confidence

- Recommendations based on this process
 - Implement an adaptive NDF setting methodology: a feedback process so that quotas can be adjusted
 - Inspect harvested and unharvested populations and the harvested products themselves
 - Monitor the time to fulfil quota
 - Try to harvest AFTER reproduction
 - Centralise the monitoring to allow overall assessments and comparisons to be made
 - Maintain a history of monitoring and expert knowledge
 - Acquire knowledge on what IS detrimental

Problems

- Maintaining and updating expert knowledge
 - Few quantitative records
 - Difficulties in attending inspections
- Obtaining quality information from local collectors and bulb companies
- Clarity of process to outside parties
- Understanding of the population dynamics and the variation in site productivity throughout the collection range not complete