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INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS Geneva

TECHNICAL WORKING PARTY FOR FRUIT CROPS

Forty-Sixth Session Mpumalanga, South Africa, August 24 to 28, 2015

ADDENDUM TO

EXPERIENCES WITH NEW TYPES AND SPECIES

Document prepared by the Office of the Union

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1. The Annex to this document contains a presentation on the Argan tree (*Argania spinosa* (L.) Skeels) made by an expert from Morocco at the forty-sixth session of the Technical Working Party for Fruit Crops (TWF).

[Annex follows]

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ANNEX







 Morocco's Argan forests cover about 800,000 hectares near the Souss Valley, an area framed by the Atlas Mountains, Atlantic Ocean and Sahara Desert, which hosts roughly 21 million trees and has been given UNESCO protection as a 'biosphere reserve











- Leaves small, clustered, lanceolate, evergreen, tough, paler on the underside
- Inflorescence axillary; flower greenish-yellow, hermaphrodite





- The fruit of the argan tree is (as for walnut tree or almond tree) a stonefruit, with pulp covering a lignified endocarp (the nut) containing one to three kernels (the seeds) from which an highly appreciated edible oil is extracted by traditional, manual techniques
- Fruit green to yellowbrown at maturity















ta più diali Kana kanya Kana kanya	
ONSEA	
Leaf blade: length	
– Short	
– Medium	
– Long	
Leaf blade: width	
– narrow	
– medium	
– broad	
-	
Leaf blade: ratio length/width	
— small	
– medium	
– Large	
Leaf blade: stomatal density on the underside	
– Weak	
– Medium	
– Strong	
Petiole: length	
– Short	
– long	





- Stone: weight
 - low
 - Medium
 - High
- Stone: shape
 - rounded
 - Fusiform
 - Elliptic
 - sharp elliptical
- Stone: length
 - Short
 - Medium
 - Long
- Stone: width
 - small
 - Medium
 - Large

- Stone: ratio length/width
 - small
 - Medium
 - Large
- Stone: number of almond lodge
 - one
 - two
 - three
- Stone: resistance to cracking
 - Weak
 - Medium
 - strong
- Stone: shell: thickness
 - thin
 - Medium
 - Thick

CNSSA	
 Kernel: weight low Medium High Kernel: length Short Medium Long Kernel: width small Medium Large Kernel: ratio length/width small Medium Large Kernel: shape Kernel: shape Elliptic 	 Kernel: number one two three >3 Kernel: color White Light yellow Yellow others Kernel: Oil content Low Medium High Kernel: ratio kernel weight / Stone weight low Medium Light
– jlättened – Others	- mgn

[End od Annex and of document]