

# Egyptian Seed Potato Importation

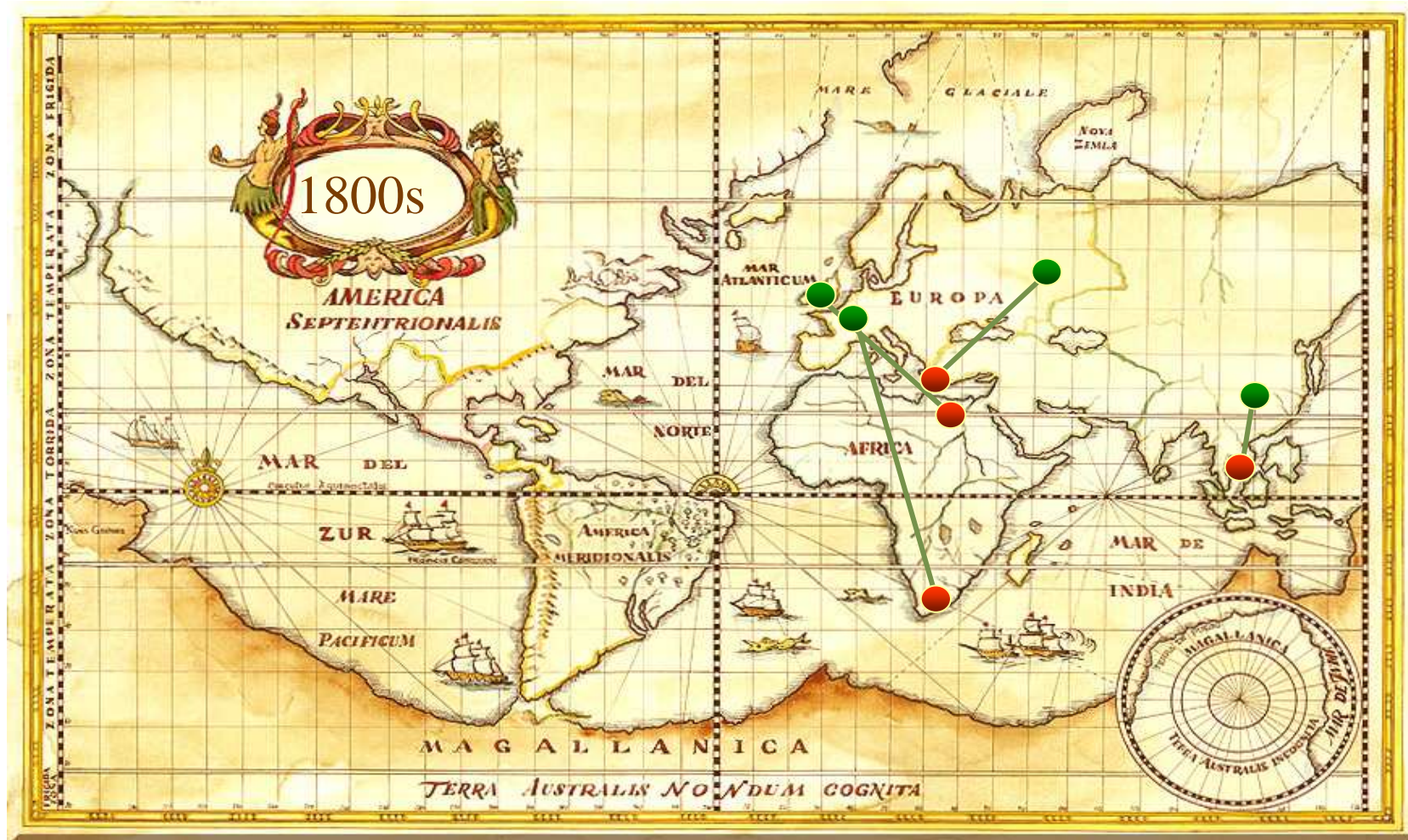


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# Contents

- 1) History, potato facts (all over the world, Egypt)
- 2) Quantity
- 3) Origin
- 4) Class & Multiplication process
- 5) Variety & purpose
- 6) Quality requirements
- 7) Summary

# When potato introduced to Egypt ?



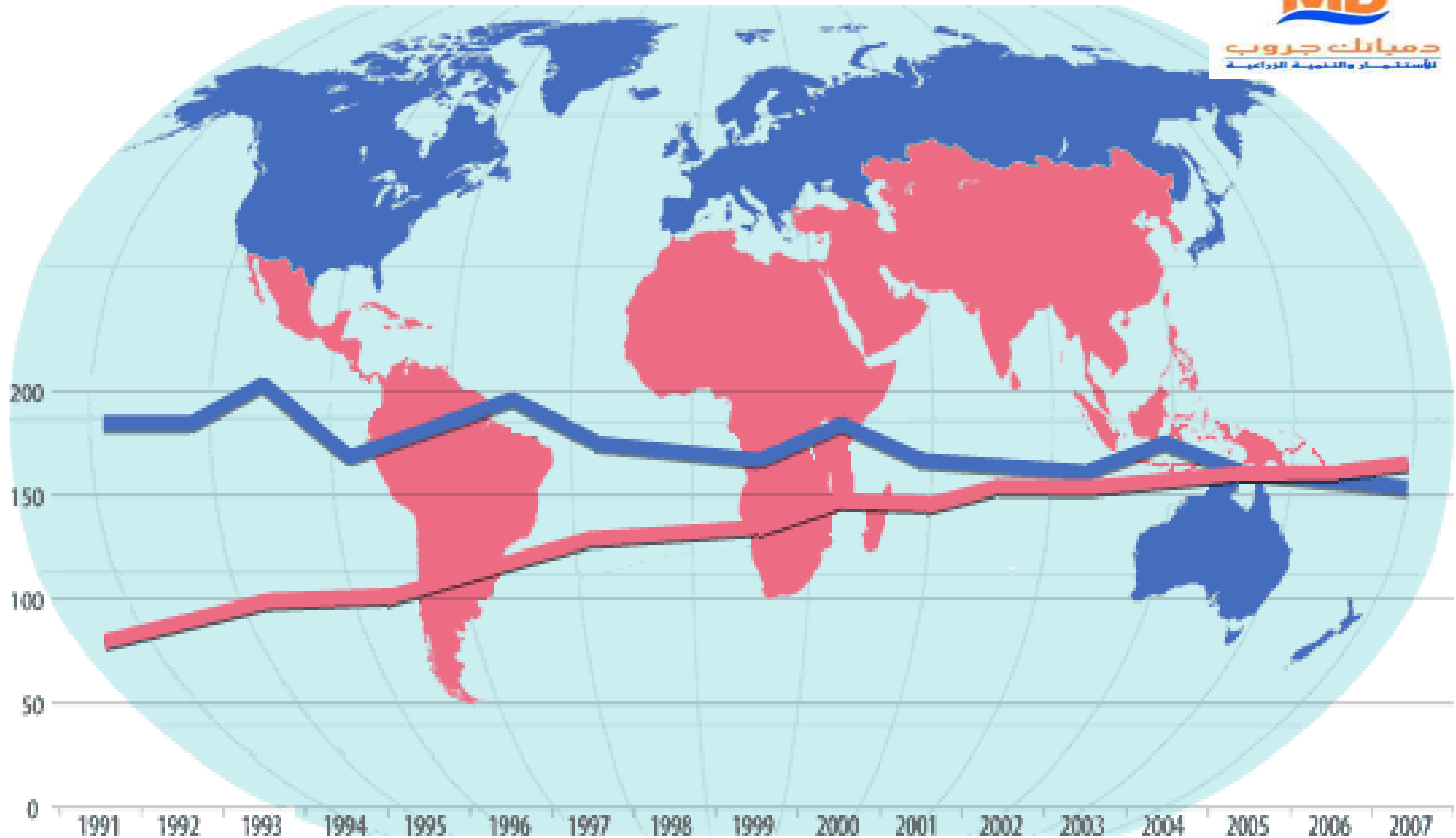
FROM ● UK China USSR France  
TO ● Egypt Thailand Greece Lesotho

# Potato facts

- **No. 1 in the world in energy production.**
- **No. 2 in the world in carbohydrate and protein production.**
- **No. 3 as the most important food crop in the world.**
- **No. 4 in food production after Wheat, corn and rice.**

# Potato facts

- **Grown on 18 million hectares in more than 130 countries producing about 320 million tons.**
- **Potatoes are one of the world's most important vegetable crop.**
- **Staple food crop in European countries.**
- **One hectare of potato can yield 2 to 4 times the food value of grain crops.**
- **A crop that is worldwide grown by different levels of farmers.**



Countries	1993	1995	1997	2001	2003	2005	2007
Developed	199.31	177.47	174.63	166.93	160.97	159.97	159.89
Developing	101.95	108.5	128.72	145.92	152.11	160.01	165.41
World	301.26	285.97	303.35	312.85	313.08	319.98	325.30

# Why growing Potato in Egypt



- **Good environmental factors such as suitable temperature, moisture, light and soil texture type "sandy - clay" has good response on the growth and quality.**

# Why growing Potato in Egypt ?

- Potatoes are cropped into two seasons: summer crop & winter crop.
- Potatoes are the 1st important export vegetable crop.
- Potatoes are the 2nd important economic vegetable crop after Tomatoes.
- Produced in reclaimed lands and new large projects.
- Responds to new agriculture modern technology

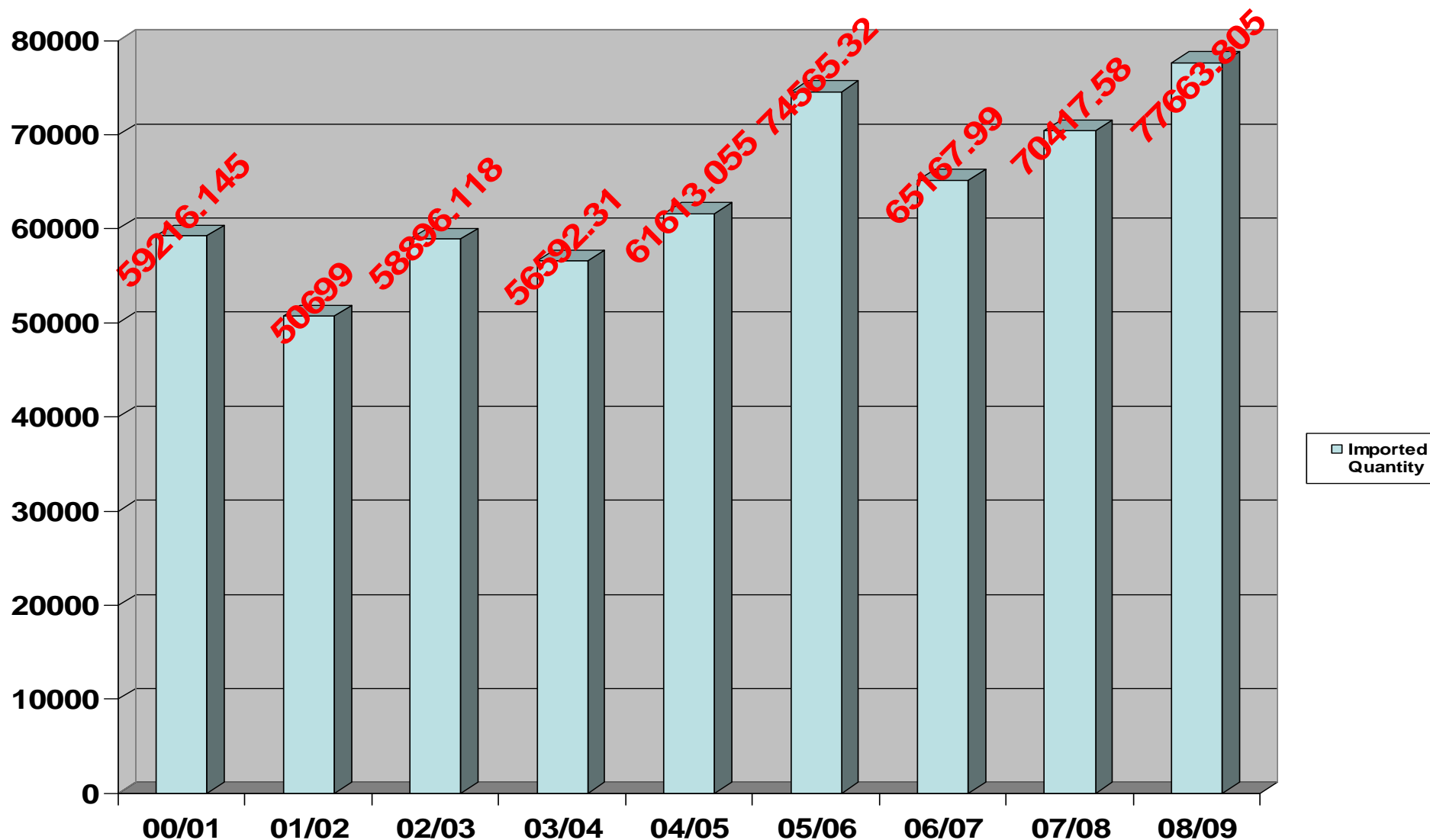


# Potato In Egypt

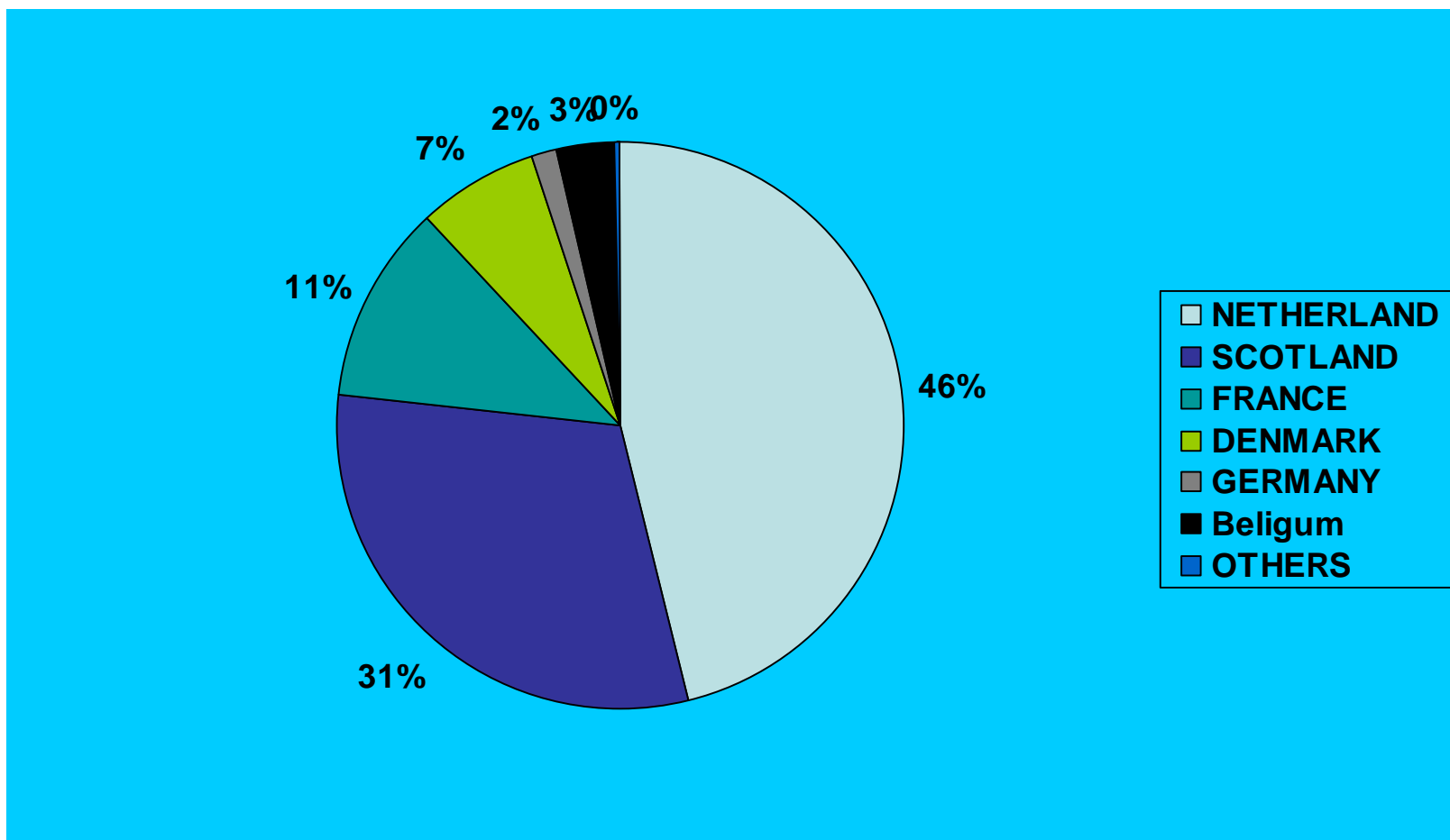
## Production in 2007

- **Harvested Area: 105000 ha.**
- **Quantity: 2.6 million ton.**
- **Yield: 24.8 t/ha .**
- **Egypt is the major producing country in Africa.**

# Quantities of Imported seed potato to Egypt seasons 2000 till 2008



# Origin of imported seed potatoes season 2008/2009



# Class “Elite”

- We know there is 3 main categories of seed potatoes according UNECE standards:
- Pre Basic: TC “tissue culture” , S “class”
- Basic: “Class” SE, E
- Certified: “Class” A

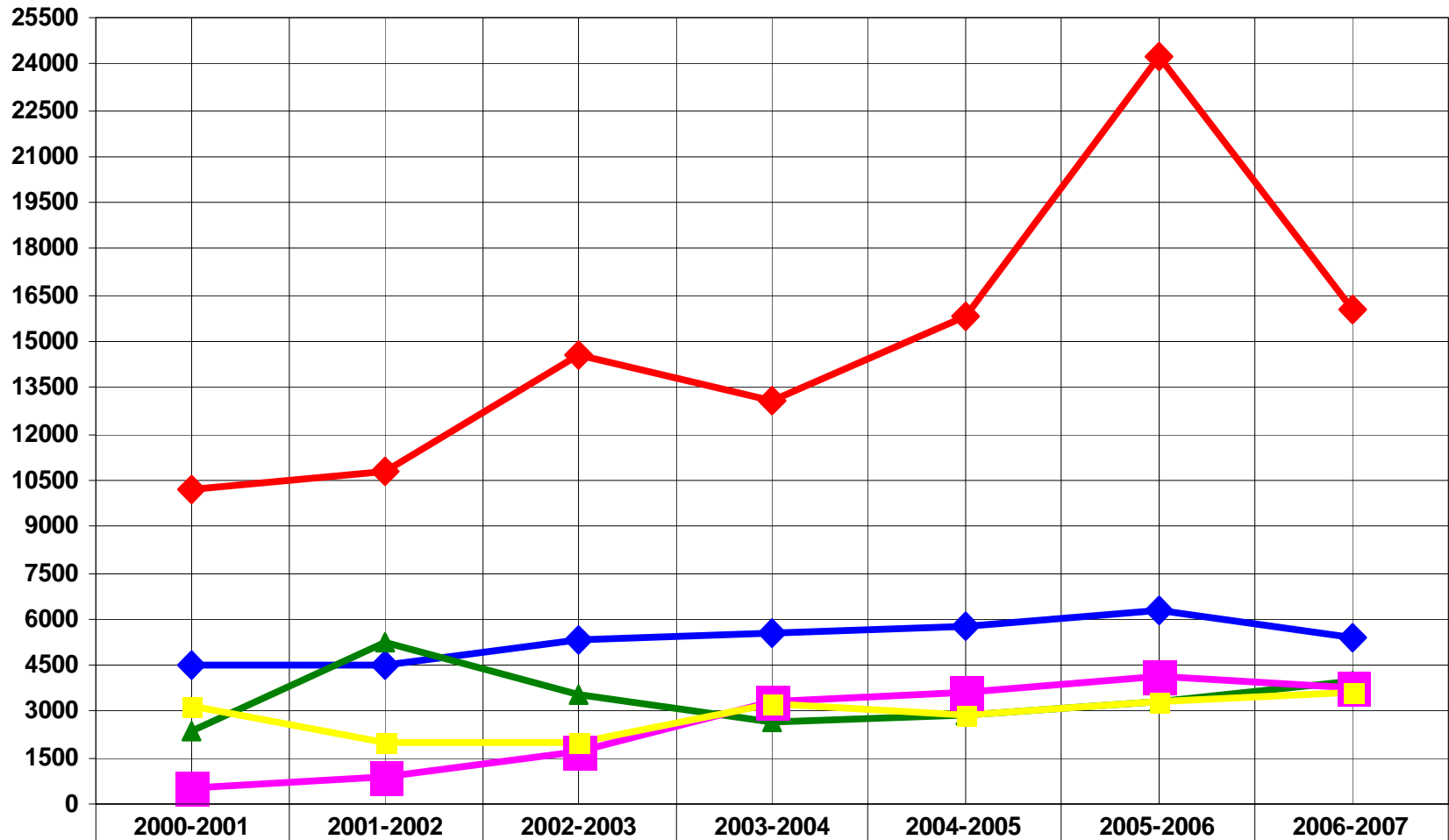
# Multiplication process

- Imported seed to Egypt should be class “Elite” as basic seeds mainly from West Europe for summer crop planting ,to be able to produce local certified seed for our plantation in winter crop for export, processing & local consumption.
- CASC is the official authorities of Ministry of Agriculture in Egypt which decide that local seed can meet the required health standards.

# Varieties and Purpose

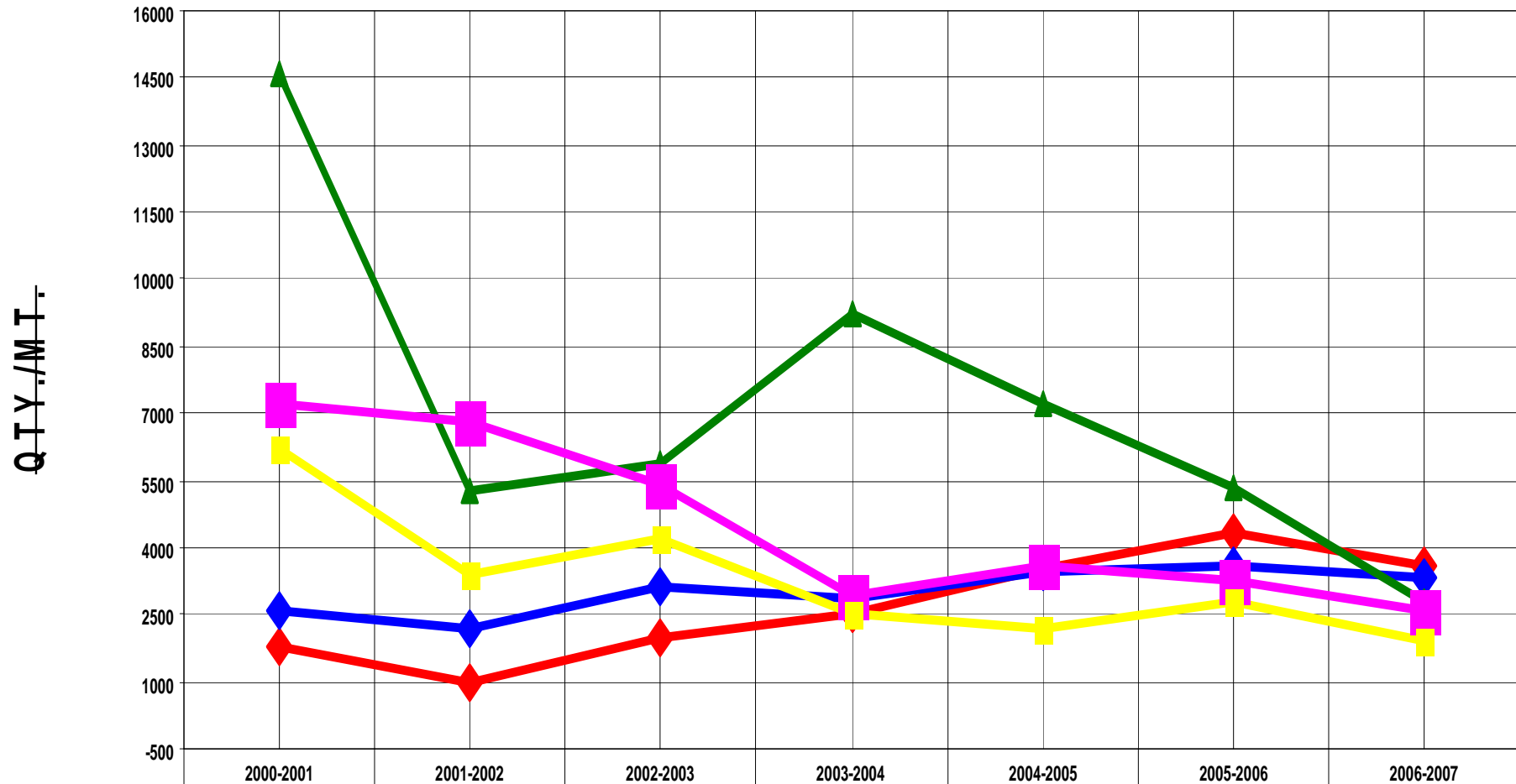
- Egypt imports around 80 commercial and semi commercial varieties for different purposes.






## DEVELOPMENT OF TOP 5 "FIVE" VARIETIES SEASON06/07



	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007
<span style="color: red;">◆</span> SPUNTA	10,198.100	10,826.000	14,538.450	13,099.450	15,781.300	24,266.850	16,016.500
<span style="color: blue;">◆</span> CARA	4,486.250	4,494.250	5,349.600	5,554.800	5,745.400	6,259.800	5,364.300
<span style="color: green;">▲</span> HERMES	2,351.900	5,241.150	3,554.000	2,670.800	2,893.400	3,312.500	3,987.200
<span style="color: magenta;">■</span> BURREN	551.000	900.600	1,677.250	3,300.000	3,603.600	4,125.200	3,759.400
<span style="color: yellow;">■</span> LADY ROSETTA	3,200.000	2,000.000	2,000.700	3,251.900	2,908.500	3,340.700	3,622.100

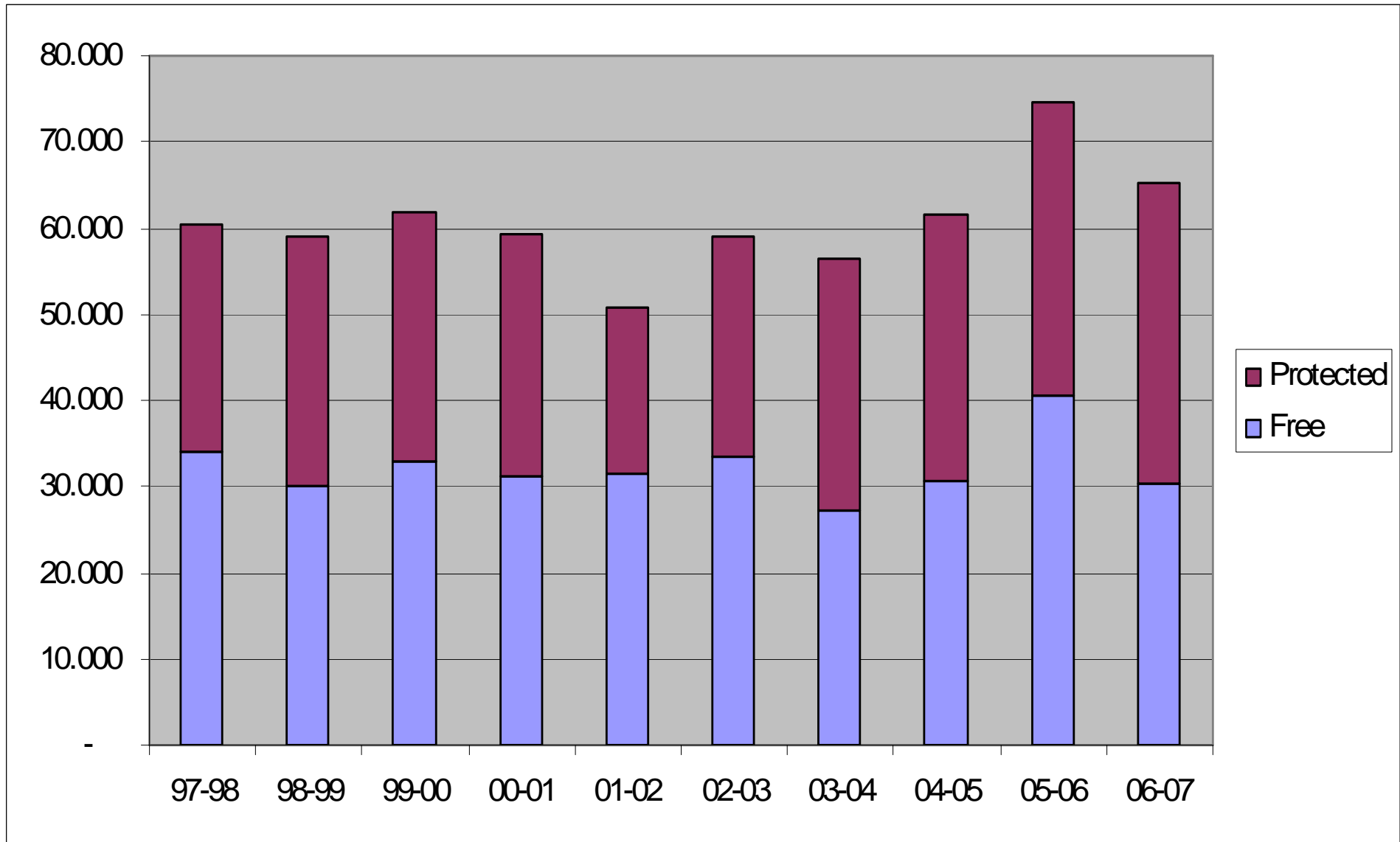
## DEVELOPMENT OF 5 till 10 "FIVE" VARIETIES SEASON06/07



 MONDIAL	1,748.250	975.200	2,000.000	2,500.000	3,500.000	4,334.350	3,603.300
 SLANEY	2,597.850	2,210.900	3,096.500	2,880.800	3,439.200	3,566.600	3,349.200
 DIAMANT	14,584.350	5,281.300	5,889.400	9,252.750	7,219.000	5,337.200	2,756.250
 NICOLA	7,222.400	6,843.400	5,414.250	2,918.050	3,585.350	3,282.500	2,557.250
 DRAGA	6,210.350	3,388.700	4,207.300	2,500.000	2,200.000	2,804.050	1,936.900

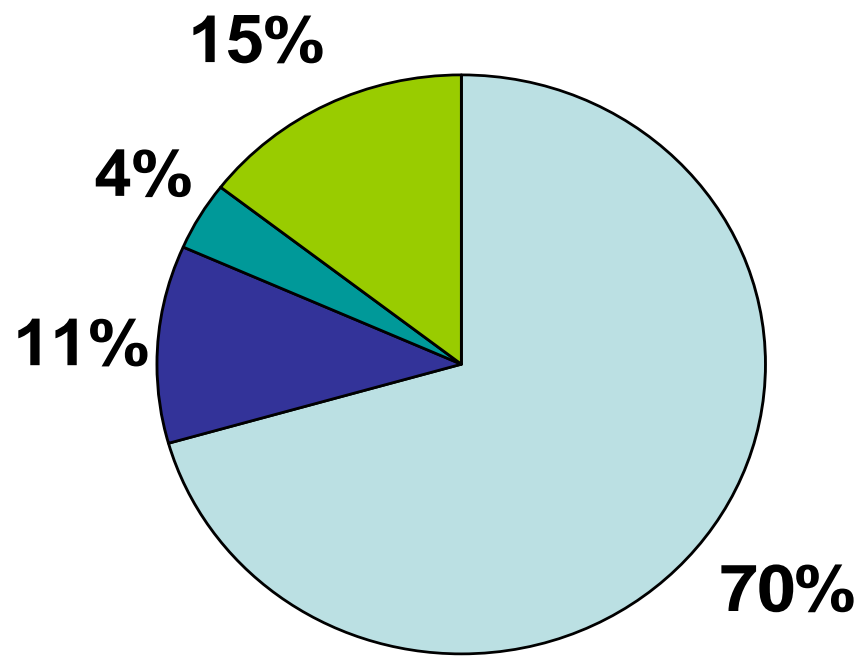


# The Egyptian seed potato import is roughly half-half between protected and free varieties



- Egypt at present have serious approach to be a member in UPOV.
- In this concern the breeder right will be insured for protected varieties introduced for Egypt.

# Egyptian market segment



# Quality requirements

- Free of cultivar mixture.
- Within established tolerance levels for certain diseases & pests for imported seed “Class Elite” stated by the Ministerial Decree for year 2008.
- Free of bacterial ring rot, brown rot, root knot nematodes and pests quarantine.
- Physically sound, with minimal mechanical & cold injury.

- Properly sized of 28-60 mm (Natural proportional).
- Free of excess soil, stones & other debris.
- Of the desirable physiological age.
- Properly inspected & certified in the country of origin.

# Summary

- Private sector “importer” should increase the income for the Egyptian farmer by providing them more & better varieties.
- Plant breeder in Europe should work to introduce variety with tolerance to heat and drought to meet with global climate changes.

Thank You