

Collecting Cucumis melo L. in Spain

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During 1984 and 1985 a collection of Cucumis melo L. was carried out in Spain. The project, designed for collecting several vegetable crop species germplasm, was partially supported by I.B.P.G.R./F.A.O. The accessions of muskmelon collected, were indicated in the C.G.C. Report 9(1986):10-11. Since then, we have collected new accessions of different crop species. Among them, 130 accessions are of muskmelon from the following sampling areas: Murcia (MU), Andalucía (AN), Valencia (V), Castilla-La Mancha (CM), Extremadura (E), Cataluña (C), Baleares (B), Castilla-León (CL), Aragón (A).

We have grouped the accessions according to several fruit characteristics observed. The abbreviations for the observations are: C=Cracked fruits; W=Wrinkled; E-"Escriturado" (In Spain the work "escrito" is used to describe the set of lines or marks that generally appear on the fruit skin and which look like letters or features made by a pen or some other very thin cutting object).

GROUP 1: "PIEL DE SAPO" .-Predominant skin colour at maturity: green. Secondary skin colour: yellow or dark green. Design produced by secondary skin colour: speckled and spotted. Fruit skin texture: firm. Fruit shape: elliptical. Observations: MU-C-24, CM-C-51, E-C-37 and C-C-21 show some of E; V-C-127 shows C.

<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>
MU-C-7	Toatana	AN-C-116	Gabia	CM-C-51	Illescas
MU-C-11	Balsicas	AN-C-152	Cartama	E-C-36	La Haba
MU-C-18	Torre Pacheco	V-C-9	Venta Del Moro	E-C-37	La Haba
MU-C-24	Corvera	V-C-125	Novelda	E-C-39	La Codosera
MU-C-26	Balsa-Pintada	V-C-127	Petrel	C-C-21	Campillonc
MU-C-42	Lorca	CM-C-13	Villatoya	C-C-25	Ripoll
MU-C-43	Lorca	CM-C-15	Filanco	C-C-38	Artesa de Segre
MU-C-45	Mazarrón	CM-C-20	Tolosa	CL-C-4	Carracadelo
AN-C-85	Sabiote				

The local names are: AN-C-58= escrito; AN-C-116= alagartado; V-C-9, CM-C-20= piñoncillo; E-C-36= cocio; E-C-37= verdejo; E-C-39= verde pinto; C-C-21= sucre; All of the other accessions= piel de sapo or pinta sapo.

GROUP 2: "AMARILLO" . - Skin colour at maturity: yellow. Fruit skin texture: superficial wrinkled (except MU-C-23); some of the accessions show E; V-C-119 shows C. Flesh colour: white. Flesh texture: firm. Fruit shape: globular.

<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>
MU-C-10	Balsicas	MU-C-32	Cuevas del	ANC-122	Jauja
MU-C-12	Balsicas		Reyllo	AN-C-151	Santo Tome
MU-C-17	Torre Pacheco	MU-C-35	Cartagena	V-C-116	Guardamar
MU-C-23	Los Marinez	MU-C-37	Torreaguera	V-C-119	Cox
MU-C-27	Lobosillo	MU-C-40	Totana	V-C-136	Masamagrell
MU-C-28	Lobosillo	AN-C-88	Sabiote	E-C-38	Don Benito
MU-C-31	La Aljorra	AN-C-108	Alcaudete	E-C-42	Don Benito
MU-C-33	Palas				

The local names are: MU-C-17, MU-C-23, MU-C-28, MU-C-40 and V-C-116= amarillo oro; MU-C-27, MU-C-35 and E-C-42= amarillo canario; MU-C-37= amarillo tardio; V-C-19= amarillo alicantino; all of the other accessions=amarillo.

GROUP 3 : "TENDRAL". - skin colour at maturity: green or dark green. Fruit skin texture: intermediate or deep wrinkled; MU-C-13, MU-C-47, V-C-109, V-C-115, V-C-122, CM-C-52 and E-C-41 show some of E. Flesh colour: white Flesh texture: firm. With difficult fruit abscision. Fruit shape: oblate, except B-C-2 which has globular fruits

<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>
MU--13	San Pedro	AN-C-101	Alcalá la Real	V-C-121	Crevillente
MU-C-15	Dolores de Pacheco	AN-C-117	Santa Fe	V-C-122	Elche
MU-C-16	Torre Pacheco	AN-C-140	Cartagena	CM-C-52	Daimiel
MU-C-20	La Puebla	AN-C-156	Lucena del Puerto	CM-C-55	Arcicollar
MU-C-25	Valladolises	V-C-109	Pilar de la	E-C-41	Santa Amalia
MU-C-47	Aquillas		Horadada	C-C-33	Montiró
AN-C-86	Sabiote	V-C-115	San Fulgencio	B-C-2	Favaritx

The local names are: MU-C-16, B-C-2 = de todo el año; AN-C-86, AN-C-117, AN-C-156 = verrugoso; AN-C-140 = de invierno negro; V-C-115 = verde; V-C-121 = negro de Elche; CM-C-55 = negro escriturado; E-C-41 = verdejo; C-C-33 = valencià; all of the other accessions = tendral.

GROUP 4 : "ROCHET" . - Skin colour at maturity; green. Fruit skin texture: superficial wrinkled; "escrito" with variable intensity; AN-C-157 shows C. Flesh colour: white or white-green. Fruit shape: oblate-globular.

<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>
MU-C-6	Murcia	AN-C-157	Moguer	V-C-123	Elche
MU-C-14	Dolores de Pacheco	V-C-108	Pilar de la Horadada	CM-C-50	Rielves
MU-C-30	Fuente Alamo	V-C-118	Callosa de Segura	C-C-36	Puigcercos
MU-C-41	Totana			CL-C-2	Toro

The local names are: MU-C-6 = flor de Murcia; AN-C-157, CL-C-2 = escrito; V-C-118 = verde valenciano; CM-C-50 = mochuelo; C-C-36 = valenciano; all of the other accessions = rochet.

GROUP 5 : "BLANCO" . - Predominant skin colour at maturity: white, Secondary skin colour: green. Design produced by secondary skin colour: spotted (poligonal shape). Flesh colour: white or white-green. Flesh texture: firm. Fruit skin texture: superficially wrinkled; some of "escriturado". Fruit shape: globular.

<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>	<u>Label</u>	<u>Locality</u>
AN-C-90	Canena	AN-C-93	Canena	A-C-19	Sadaba

The local names are: AN-C-90 = tempranillo; N-C-93, A-C-19 = blanco.

GROUP 6 : OTHER TYPES . - The abbreviations used for the observations are: Skin colour G = green, Y = yellow, H = white; design produced by secondary skin colour S = spotted, K = speckled; fruit skin texture N = netted, R = ribbed, E = "escriturado" (SE = some of "escriturado", IE = intermediate), C = cracked, W = wrinkled (SW = superficial, IW = intermediate). D = dry farming.

<u>Label</u>	<u>Locality</u>	<u>Observ.</u>	<u>Label</u>	<u>Locality</u>	<u>Observ.</u>
MU-C-19	Torre Pacheco	G,E,IW	E-C-35	La Haba	Y-G,IW
AN-C-109	Santa Ana	H,R	E-C-40	Olivenza	Y,W
AN-C-124	Jauja	Y,S,R,C,	AN-C-150	Sanot Tomé	Y,S,N
AN-C-131	Arcos de la Frontera	G,K(white),IW	E-C-46	Quintana de la Serena	G,W
V-C-24	Lliber	G,SE	C-C-37	Pons	G,S,IW
V-C-126	Elda	Y,IW	C-C-39	Artesa de Segre	(pale),S,W
CM-C-26	Tarazona de la Mancha	G.S.W.D	B-C-1	Ciudadela	G,N,IW
CM-C-40	Ribagorda	G,N,IE,SW,C			

The local names are: MU-C-19 = canario; AN-C-109 = coca; AN-C-131, CM-C-26, B-C-1 = de olor; AN-C-124 = de tajadas señaladas ("Ogen type"); V-C-24, V-C-126 = tendral; CM-C-40 = piel de sapo; E-C-35, E-C-40 = melona; E-C-46 = banda de Godoy; AN-C-150 = rayado; C-C-37 = escriturado de Montsonis; C-C-39 = cuarenteno.

In addition to these groups we found 35 accessions showing variability of types: 9 from Andalucía, 7 from Valencia, 6 from Castilla-La Mancha, 5 from Murcia, 3 from Cataluña and Extremadura, and 2 from Baleares.

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