

"WANA"

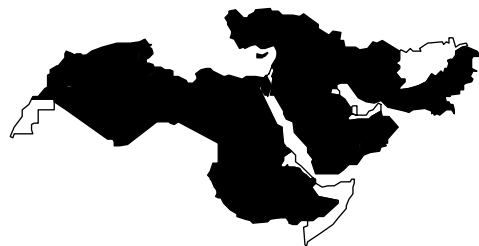
(WANA)

-5466 .



ICARDA

SEED INFO



Seed info No. 27

تموز/يوليو - كانون أول/ديسمبر 2004

(CWANA)

كلمة المحرر

(Seed info)

(ISTA)

(CWANA)

1993

(AFSTA)

(ESAS)

(ISF)

(ISTA)

(RAMP)

(FHCRAA)

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أبناء من شبكة وانا الإقليمية للبنار

(WANA)

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Industry Association, Mithatpaşa Caddesi
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++90-312-4320050; E-mail:
ayhane@turkted.org.tr; turkted@turkted.org.tr;
Website: <http://www.turkted.org.tr>.

الأخبار ووجهات النظر

31

.2003 /

()

(IPRs)

http://www.icarda.cgiar.org/seed_unit/SeedUnit/home.htm.

.1883

-:

z.bishaw@cgiar.org a.vangastel.cgiar.org
ICARDA, Seed Unit, P. O. Box 5466,
Aleppo, Syria; Fax: ++963-21-2213490.

1930 ()

(IPARC)

-:

Awad Issa Abbas, Field Crops Department,

1961

(UPOV)

(TRIPs)

1993 (TRIPs)

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54

(UPOV)

(TRIPs)

(TRIPs)

(UPOV) 1978

UPOV

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AFSTA
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29 85

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26 - 24
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2004 /
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(ISTA) (FIS) (IPRs)
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(OAPI)
(FAO)
(ASARECA) (GTZ)
(UPOV)
(ICARDA)

.2004 / 23

UPOV

(IPRs)

16

(OAPI)

.....

(UPOV)

TRIPs

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afsta@kenyaweb.com; Website:
<http://www.afsta.org>.

(MTA)

(PGRFA)

(MTA)

19

2004 / 21

350

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53)

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FAO

.2004 / 26 24

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24 **UPOV OECD ISTA**

2004 / 26

(ISTA)

.ESAS

/ 28 -27

175 .2004

Radha Ranganathan, ISF, Chemin du Reposoir
7, 1260 Nyon, Switzerland; Fax:
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<http://www.worldseed.org>

Noha Tharwat, ESAS, 33 Gamet El-Dowal El
Arabia Street, Mohandesen 12411, Cairo,
Egypt; Fax: ++20-2-7498994; E-mail:
ntharwat@esasegypt.org; Website:
<http://esasegypt.org>

2003

%15

1284

58

	2002	2003	2002	2003
10	100	67.7	3	12%
			25	
Source: Crop Biotech Update Special Edition January 14, 2004		67.7		
		2003	7	
		6	18	
		2002	16	
مساهمة المشاريع وبرامج البذار		2003	2002	9
		15%		
		2003	1996	
		1.7	40	
		2003	67.7	1996
				30%
(CGIAR)		2003	67.7%	
(USAID)				20
(ICARDA)				
		(4.4)	2003	2002
		(4.6)		
		(%28)		
		(%11)		
			2003	
		4	4.7 - 4.5	
		15%	2002	
		13%		31
				30
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27	1000			
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(FHCRAA)

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A. J. G. van Gastel, Seed Unit, ICARDA, P. O.
Box 5466, Aleppo, Syria; E-mail:
a.vangastel@cgiar.org

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(ASTA)

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2004 / 14

(ASA)

K. Yalvac, Seed Division, General Directorate of Agricultural Production and Development, Ministry of Agriculture and Rural Affairs, Milli Mudafaa Caddesi No 20 Kat, 8/814 Kizilay, Ankara, Turkey; E-mail: kyalvac@tarim.gov.tr

(AFSTA)

(GOSM)

(GOSM)

Source: E-Review, African Seed Trade Association, April 2004

10

2004

4.75

3240

8

300

4

120

Moustapha Dawalibi, General Organization for Seed Multiplication, P. O. Box 5857, Aleppo, Syria; E-mail: dawalibi@scs-net.org

CWANA

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()

.(CWANA)

	:	2004/2003	()
<i>Amman</i> (Tsi/Vee'S') originated from ICARDA (RWYT-MRA trial in 1989/90)	:	:	" "
	:		
<i>Um Als</i> (Omrabi 6) originated from ICARDA (RWYT-trial in 1988/89)	:	'Alem Tena' (ILL 7978) 'Teshale'	ILL)
	:		(7980
<i>Uta'a</i> (Roho/A. Abaid//6250/1161) two row introduced from ICARDA (BYTLR-MW trail) in 1995/96	:	'Teshale'	.
<i>Yarmulke</i> (Esp/1808-4L//Harmal-02) two row introduced from ICARDA (BYTLR-MW trail) in 1995/96	:	/ 1.7 1.6	/ 2.2
<i>Throe</i> (Kathraia) six-row introduced from Cyprus in 1996/97	:	'Aadaa'	
	:	'Alem Tena'	
	:	/ 2.2	/ 2.5
	:	/ 2.3 Alemaya	
	:		
.2006/2005	:	'Alem Tena' 'Teshale'	
Yaser Momany, NCARTT, Baq'a, Jordan; E-mail: momany55@yahoo.com	:	()	.1996
2004 / :	:		
(FLIP90-96) <i>Arman</i>	:		
	:		
<i>Bivanij</i>	:		
36	:	.Hashem Jam	Abda Chaouia
	:	/ 2	
	:		.%26.5
Ilam Golestan	:		
Gashsaran	:		
.Kermanshah	:	(ILL 4605) <i>Precoz Laird</i>	<i>Chaouia</i>
	:	. <i>Precoz</i> L-24	<i>Abda</i>
	:		
Azamently-	:		
	:	Nurlu-99 95	:
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	:	2004 / 29	
	:	(NCATT)	
8-7	:		
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.2004	:		

كيفية العمل رقم 29

Issyk-Kul

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ISTA

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(1978) *Intensivnaya*

ISTA

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(ISTA)

*Abigi**Vicia dasycarpa*

86.6

0.16)

18

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/ 6.2

175-170

*Abika**Vicia narbonensis*

92

.(0.11)

12

0.54

/ 7.3

155-150

*Abiza**Vicia sativa*

68.7

.(0.17)

21

/ 9.3

175-170

/ 2000 /
 .2002
Cenchrus ciliaris) 12.6 13.6
 (*Coelachyrum piercei* Benth) (L
 600

(ISTA)

ISTA

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.ISTA

60

Abdoul Aziz Niane, Seed Unit, ICARDA, P.O.
 Box 5466, Aleppo, Syria; E-mail:
 a.niane@cgiar.org

.2001 1998

معلومات البحوث

(C. piercei Benth)

Prairie grass Kikiyu grass

UAE Accession No.) (*Cenchrus ciliaris* L)
Coelachyrum piercei) () (MAF-120
 () (UAE Accession No. MAF-116) (Benth

1999 /

(APRP)

C.

C. piercei Benth *ciliaris* L.

6

.(ICARDA)

8 (*Cenchrus ciliaris* L)
 (*Coelachyrum piercei* Benth)

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 (C. piercei Benth)
 %50 15
 /) 3
 4 .(2000
 2000 / 15
 10
 30-25
 .2002 /
 %70
 %50
 (C. ciliaris L) ()
 2 1 (C. piercei Benth)
 C.)
 C.) 2.8 (ciliaris L
 2.2 (piercei Benth
 1)
 %4 0 .(2
 %40 %27
 4
 13.6 600
 C.) (C. ciliaris L) 12.6
 (piercei Benth
 (C. piercei Benth) (C. ciliaris L)

UAE Accession No.) (Cenchrus ciliaris L)
 Coelachyrum piercei) () (MAF-120
 () (UAE Accession No. MAF-116) (Benth
 1999 /
 (APRP)
 6 (ICARDA)
 8 (Cenchrus ciliaris L)
 (Coelachyrum piercei Benth)
 2000 /
 .2002 /
 %48.3 sand)
 .7.7 (pH) (%19.7 %31
 0.6 1.7 9.8 8.8 (med./100g)
 20.9
 (med. 100g) SEC
 (N%) 0.1 31.6 0.05
 .(med./100g) (PPM)
 2.5
 50 50
 50 20 .()
 250 1000
 15 10
 () ()
 150
 (K₂O) (P₂O₃) (N)
 (N) 1/3
 1/2 K P N 1/2
 N
 (0.8ds/m)
 (15)
 5
 30 20
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2003 /

Table 1. Germination (%), plant stand, days to 50%, heading, days to maturity and seed yield (kg) at each harvest of *Cenchrus ciliaris* L. during 2000-2002

Number of harvest	Germination in the field (%)	Plant stand	Days to 50% heading	Days to maturity	Seed yield (husked) (kg)	Germination (at harvest)	Germination (4 months after harvest)
I	70	65	65	105	2.8	0-3	27
II	-	60	32	72	2.3	0-4	33
III	-	45	55	90	1.9	0-2	28
IV	-	40	42	75	1.4	0-2	32
V	-	35	38	70	1.3	0-2	35
VI	-	25	40	70	1.4	0-2	40
VII	-	25	45	85	1.2	0-3	38
VIII	-	25	38	72	1.3	0-2	42
Seed yield (kg)	-	-	-	-	13.6	-	-

Table 2. Germination (%), plant stand, days to 50%, heading, days to maturity and seed yield (kg) at each harvest of *Coelachyrum piercei* Benth during 2000-2002

Number of harvest	Germination in the field (%)	Plant stand	Days to 50% heading	Days to maturity	Seed yield (husked) (kg)	Germination (at harvest)	Germination (4 months after harvest)
I	65	50	67	110	2.2	0-3	40
II	-	45	25	68	2.8	0-3	38
III	-	35	42	75	1.8	0-3	35
IV	-	32	40	60	1.5	0-2	37
V	-	30	44	65	1.1	0-4	41
VI	-	20	44	62	0.9	0-2	38
VII	-	20	40	70	1.2	0-2	37
VIII	-	15	42	64	1.1	0-2	35
Seed yield (kg)	-	-	-	-	12.6	-	-

S.K. Nadaf, S. M. Al-Faris and S. A. Al-Hinai

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5th ISTA-SHC Seed Health Symposium ,
10-13 may 2005, Angers, France.

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AFSTA Seed Congress 2005. 16-18 March
2005, Yaoundé, Cameroon.

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www.afsta.org.

الاجتماعات والدورات التدريبية

Asian Seed Congress 2004, 13-17 September
2004, Seoul, South Korea.

.2004 / 17-13

APSA Secretariat, P. O. Box 1030, Kasetsart,
Post Office Bangkok 10903, Thailand; Fax:
++66-2-940-5467; E-mail:

Leist, N. and s. Kramer (eds.). 2003. ISTA Working Sheets on Tetrazolium Testing, first Edition: Volume I-Agricultural, Vegetable and Horticultural Species.

2004

Don, R. (ed.). 2003. ISTA Handbook for Seedling Evaluation.
 WANA Secretariat, 2004. WANA Catalogue of Crop Varieties

Training Handbook on Property Rights

ISTA
 International Rules for Seed Testing, Edition 2004.

SEED INFO

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5466

WANA

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