

Catalogue on Groundnut (*Arachis hypogaea* L.) Germplasm

VOLUME I

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VOGUME I

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INTRODUCTION

The National Research Centre for Groundnut (NRCG) at the Junagadh city of Gujarat is located at 21.31°N latitude; 70.36°E longitude; and 60 m (MSL) altitude. The NRCG has been identified as the national repository of groundnut germplasm. The Centre has the following objectives related to the management of groundnut germplasm.

1. Acquisition of germplasm from various sources
2. Characterization and evaluation of germplasm
3. Maintenance and conservation of germplasm
4. Documentation of information related to germplasm
5. Distribution of germplasm

The objective of management of germplasm remains incomplete until and unless the collection is evaluated for various desirable traits to assess the genetic potential of the resources. It is also equally important to permeate the information generated to user agencies to identify and select the specific accessions for utilization. Hence, it is indispensable for crop improvement to evaluate the available germplasm to identify the superior and desirable genes and make the information to percolate to the crop improvement workers to exploit the genetic potential in desired direction. A wide spectrum of variability is harbored over years for characterization and utilization.

The centre collaborates with the International Crops Research Institute for Semi-arid Tropics (ICRISAT), Patancheru, India which is the world repository of groundnut.

The characterization of collection has been done with the following objectives

- * to select and identify accessions having specific traits
- * to identify duplicates in the collection
- * to create a core collection
- * to identify the gaps in the working collection

The information generated through evaluation and characterization by the Centre is disseminated from time to time through evaluation catalogues to the agricultural universities and other institutes engaged in groundnut research. The Centre has been accredited as one of the National Active Germplasm Sites under the Indian Plant Genetic Resources System (INPGRS) and the activities being monitored by the National Bureau of Plant Genetic Resources (NBPGR), New Delhi.

Variation in the primary gene pool of groundnut at the morphological level is well known. Many morpho-variant types have been produced over the period of domestication. Similarly, it has given rise to continuous and discontinuous variation for agronomic traits. This catalogue is a part of a continuous process of providing information on germplasm maintained at the NRCG for the benefit of groundnut researchers. In this catalogue information on 775 accessions have been given. The information would be updated from time to time by screening additional sets of germplasm. The importance of such information in the present post CBD era is cannot be gain said.

Materials and Methods

The evaluation of germplasm was undertaken at the farms of NRCG, Junagadh. The soil of the farm is medium-black (vertisol) and suitable for groundnut cultivation. The rainfall is well distributed with an average of 660 mm. The collection represents all four habit forms of cultivated groundnut. The 775 accessions studied belongs to the four habit types as classified by Krapovickas and Gregory (1994) is presented below.

Genus : *Arachis*
 Species : *hypogaea* L.
 Subspecies : *hypogaea*
 Varieties : *hypogaea*

Habit type : Virginia bunch (59 accessions)
 Habit type : Virginia runner (28 accessions)
 Subspecies : *fastigiata*
 Varieties : *vulgaris*

Habit type : Spanish (481 accessions)
 Varieties : *fastigiata*

Habit type : Valencia (207 accessions)

The number of accessions originating from various countries has been listed in annexure I.

Sowing was done in the month of June, 1998 after the onset of monsoon in a single replication, completely random design with grid plot checks. The sowing was done in a row of 4 m length, with row-to-row spacing of 75 cm and plant to plant spacing of 10 cm. Recommended agronomic

practices were followed and the crop was protected against insect pests by spraying insecticides whenever needed. The crop was harvested in the month of October-November, 1998.

The collection was scored for various agro-morphological traits as suggested in the Descriptors for Groundnut (1992) collectively published by the IBPGR/ICRISAT. The qualitative traits included both binary (present or absent), ordinal (absent, slight, moderate, prominent) parameters. For the quantitative traits, some observations were scored on plot basis and the rest were on five randomly sampled plants.

Descriptors used and methods followed

The passport information on each accession has been provided for easy identification of the material and procure the accessions from various sources. The passport information is classified into six columns as detailed below.

Column	Information	Description
1	No.	Serial number of accessions
2	NRCG	Number assigned by the NRCG at the time of incorporation of the material in the gene bank
3	ICG	Number assigned by the ICRISAT for the accessions maintained in the world collection
4	Name of variety	Name of the accession
5	Origin	Country of origin, Country code as given by IPGRI, Rome
6	Habit	Virginia bunch (HYB), Virginia runner (HYR), Spanish (VUL) and Valencia (FST)

The passport information is followed by the information on 18 qualitative traits. The traits are arranged according to plant parts, recorded at various crop stages and one month after the harvest of the crop.

Qualitative traits

Description

Trait no.	Trait	Description
1	Growth habit (at podding stage)	(1) Decumbent 1, (2) Decumbent 2, (3) Decumbent 3, (4) Erect
2	Branching pattern determined on n and n+1 cotyledonary lateral branches	(1) Alternate, (2) Sequential with flowers on main stem, (3) Irregular with flowers on main stem (4) Irregular without flowers on main stem
3	Stem pigmentation scored at pod filling stage	(0) Absent, (+) Present
4	Stem surface (Observed on the main axis)	(1) Glabrous, (3) Sub-glabrous, hairs in one or two rows along the main stem, (5) Moderately hairy, three or four rows along the main stem, (7) very hairy
5	Type of inflorescence	(1) Simple, (2) Compound (more than one peg/node), (3) Simple with elongated reproductive axis
6*	Standard petal colour. (Colour of the front face of the standard petal)	(1) Orange (5 A 7), (2) Dark orange (5 A 8), (3) Garnet (deep orange with garnet (9 D 8)) (1) Orange (5 A 7), (2) Dark orange (5 A 8), (3) Garnet (deep orange with garnet (9 D 8)) markings on the petal)
7	Peg pigmentation	(0) Absent, (+) Present
8*	Leaflet colour (Colour of fully expanded leaf)	(1) Light green (Yellowish green -29 C 8), (2) Green (Deep green-28 D 8), (3) Dark green (28 F 8)
9	Leaflet shape (shape of fourth apical leaflet of n)	(1) Oblong, (2) Lanceolate
10	Leaflet surface	(1) Almost glabrous, (2) Almost glabrous above, hairs below, (3) Almost glabrous above, hairs and bristles below
11	Leaflet tip	(1) Obtuse, (2) Acute
12	Pod beak	(0) Absent, (3) Slight, (5) Moderate, (7) Prominent, (9) Very prominent
13	Pod constriction	(0) None, (3) Slight, (5) Moderate, (7) Deep, (9) Very Deep
14	Pod reticulation	(0) None, (3) Slight, (5) Moderate, (7) Prominent, (9) Very prominent

Trait no.	Trait	Description
15	Testa colour (one month after harvest)	(1) White (1 A 1), (2) Off white (1 A 2), (7) Tan (12 E 4), (10) Rose (Greyish red 8 B 3), (10+1) Rose with white flecks, (10+2) Rose with Flecks of colour, (11) Salmon (6 A 4), (11+1) Salmon with white flecks, (13) Red (10 B 7), (13+1) red with white flecks, (14) Dark red (11 C 8), (16) Light Purple (14 E 4), (17) Purple (14 F 4)
16	Pod size	(1) Small, (2) Medium, (3) Large
17	Seed shape	(1) Round, (2) Fusiform
18	Shell thickness	(1) Thin, (2) Medium, (3) Thick

* The code numbers in the parenthesis indicate matching colour as per the Methuen Handbook of Colour

The last three traits have not been suggested in the descriptors but were recorded for additional information.

The quantitative traits recorded indicate the genetic potential of the accessions for various yield related traits useful for the breeders in selecting promising accessions for further utilization. The quantitative traits included following descriptors

Quantitative traits

Trait no.	Trait	Description
1	Days to germination	Number of days to 50 % field emergence from date of sowing
2	Days to initial flowering	Number of days to initial flowering from the date of germination
3	Days to 50 % flowering	Number of days for flowering in 50 % plants from the date of germination
4	Days to maturity	Number of days from the date of sowing to maturity
5	Height of main axis (cm)	Mean height of main axis of five plants at maturity
6	Length of n+1 (cm)	Mean length of n+1 measured from main axis to the tip (five plants)
7	No. of n+1 branches	Mean number of primary branches (five plants)
8	No. of n+2 branches	Mean number of secondary branches (five plants)

Trait no.	Trait	Description
9	No. of branches	Mean number of total branches (five plants)
10	Leaflet length (cm)	Mean of 10 leaflets from different plants of fourth leaflet on main axis
11	Leaflet width (cm)	--do--
12	Leaflet length/width	Length/width values of mean of leaflet length and width
13	Immature pods/ plant	Mean number of immature pods present at the time of harvest in five plants.
14	Mature pods/ plant	Mean number of mature pods present at the time of harvest in five plants
15	Pod mass (g/plant)	Mass of dry and mature pods
16	Pod yield m^{-2} (g)	The mature dry pods calculated per m^{-2}
17	100 pod mass (g)	Mass of 100 pods selected at random
18	One seeded pods (%)	Percentage of one-seeded pods from a random sample of 100 pods
19	Two seeded pods (%)	Percentage of two-seeded pods from a random sample of 100 pods
20	Three seeded pods (%)	Percentage of three-seeded pods from a random sample of 100 pods
21	Four seeded pods (%)	Percentage of four-seeded pods from a random sample of 100 pods
22	Pod length (mm)	Mean of 10 mature pods
23	Pod width (mm)	Mean of 10 mature pods at the widest point
24	Seed length (mm)	Mean of 10 mature seeds
25	Seed width (mm)	Mean of 10 mature seeds at the widest point
26	Shelling outturn (%)	(Mass of dry seeds/total mass of pods) X 100
27	Sound mature seeds (%)	(Mass of marketable seeds/total mass of seeds) X 100
28	Hundred seed mass (g)	Mass of 100 random seeds

Arrangement of information:

The information on qualitative traits has been provided in ascending order of NRCG accession numbers grouped in the order Virginia bunch, Virginia runner, Spanish and Valencia habit forms. The odd page provides information on qualitative traits and the quantitative traits of same accessions are given on the even pages. The promising accessions identified for some of the yield related traits are given in the end.

References:

- IBPGR and ICRISAT. 1992. Descriptors for Groundnut. International Board of Plant Genetic Resources, Rome, Italy: International Crops Research Institute for the Semi-Arid Tropics, Patancheru, India
- Krapovickas, A. and W.C. Gregory, 1994. Taxonomia del genero *Arachis* (Leguminosae). *Bonplandia* 8:1-187

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	6814	--	BADNAPUR LOCAL	IND	HYB	3	1	0	3	1	2	+	3	1	2	1	3	5	3	10	2	2	2
2	7248	--	JL 44	IND	HYB	3	1	0	3	1	1	0	3	1	2	1	0	5	3	10	2	1	1
3	7543	--	IGS 85	IND	HYB	3	1	0	1	1	2	0	3	1	1	1	3	5	3	10	2	1	1
4	8712	5263	MANI PINTAR	ZMB	HYB	3	1	0	5	1	1	0	3	2	3	2	7	3	0	13+1	2	1	1
5	10132	500	VIRGINIA RED	ISR	HYB	3	1	0	3	2	1	0	3	2	3	2	3	3	3	10	2	1	1
6	10143	603	MK 374	NGA	HYB	3	1	0	3	2	1	0	3	2	3	2	3	3	3	10	2	1	1
7	10350	1586	AH 23	MOZ	HYB	3	1	0	1	1	2	0	2	1	3	1	5	5	3	10	2	1	1
8	10427	2254	NCAC 60	USA	HYB	3	1	0	3	1	1	0	3	2	3	2	3	3	3	13	2	1	1
9	10698	4804	S 7-12-6	MUS	HYB	3	1	0	3	1	1	0	3	1	2	1	5	5	3	10	2	1	2
10	10819	6545	SAM COL. 277	UNK	HYB	4	1	0	3	1	1	+	3	2	3	2	5	5	3	14	2	1	2
11	11108	11998	RS 127-1	MLI	HYB	3	1	+	1	1	1	+	3	2	3	2	5	5	5	10	2	1	1
12	11631	267	NCAC 407	ARG	HYB	3	1	0	3	1	2	0	3	1	3	1	5	5	3	10	2	1	1
13	11643	471	WCG 174	PER	HYB	3	1	0	3	1	2	0	2	2	2	2	3	3	3	10	2	1	1
14	11655	2288	NCAC 841	USA	HYB	3	1	0	3	1	2	0	3	1	3	1	5	5	3	10	2	1	1
15	11665	2665	R 7-47-4	SEN	HYB	3	1	0	1	1	2	0	3	1	3	1	5	5	3	10	2	1	1
16	11670	3342	FAIZPUR 1-5	TZA	HYB	3	1	0	1	1	1	0	2	2	2	2	0	5	3	10	2	1	2
17	11677	5124	NCAC 17857	USA	HYB	3	1	0	3	1	1	+	2	2	2	2	5	5	3	10	3	1	2
18	11678	5140	NCAC 2159	USA	HYB	3	1	0	1	2	1	0	3	2	3	2	3	3	3	10	2	2	1
19	11679	5185	S 7-24-14	IND	HYB	3	1	+	5	2	2	0	2	2	3	2	0	0	3	10	1	1	2
20	11682	5290	MB 6616	MWI	HYB	3	4	0	5	1	2	+	3	2	3	2	3	5	3	10	1	1	1
21	11683	5418	EC 1663	UNK	HYB	3	1	0	3	2	1	+	2	2	3	2	3	9	3	10	2	1	2
22	11685	5656	AH 7249	IND	HYB	3	1	0	5	1	1	+	3	2	3	2	3	3	3	10	2	1	2
23	11686	5815	VIRGINIA BUNCH	AUS	HYB	3	1	0	3	1	1	+	2	2	3	2	3	5	3	10	3	1	2
24	11688	5933	NCAC 1909	USA	HYB	3	1	0	1	1	1	0	3	2	3	2	3	5	3	10	2	2	1
25	11691	6093	NCAC 718	USA	HYB	3	1	0	3	2	1	+	2	2	3	2	3	5	3	10	2	2	1
26	11693	6113	KRAPOVICKAS-K 1	ARG	HYB	3	1	0	1	1	2	+	2	2	3	2	5	5	3	10	2	1	2
27	11694	6131	NCAC 2143	USA	HYB	3	1	+	3	1	2	0	3	2	3	2	3	5	3	10	2	1	2
28	11695	6155	G 340	ZAF	HYB	3	1	0	5	1	1	0	3	2	3	2	3	5	3	10	2	1	2
29	11704	6306	NCAC 17681	USA	HYB	4	1	0	3	1	1	+	2	1	3	1	0	3	3	10	2	1	1
30	11705	6315	NC 2	USA	HYB	3	1	+	5	2	1	+	3	2	3	2	3	5	3	10	2	1	2

Quantitative traits

No.	NRCG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	6814	8	16	18	110	41.8	57.6	3.8	12.2	16.0	5.7	2.4	2.4	3.6	13.0	11.4	112	78	36.9	63.1	0.0	0.0	24.0	12.0	11.0	8.0	51.0	76.9	40
2	7248	7	18	20	103	38.8	56.6	4.2	11.8	16.0	4.8	2.4	2.0	1.6	17.6	15.8	176	68	34.1	65.9	0.0	0.0	22.0	11.0	11.0	7.5	65.0	87.2	36
3	7543	7	17	19	107	48.0	65.2	4.2	21.2	25.4	6.2	2.7	2.3	4.6	34.2	20.6	192	74	28.1	71.9	0.0	0.0	24.0	12.0	11.0	7.5	72.2	82.4	44
4	8712	8	16	18	126	74.0	85.2	2.8	14.4	17.2	4.6	2.0	2.3	1.4	3.0	1.6	69	76	33.3	66.7	0.0	0.0	21.0	11.0	10.0	7.0	50.0	75.0	36
5	10132	8	17	19	103	50.4	62.8	4.0	18.8	22.8	4.3	1.8	2.4	1.4	14.8	8.1	63	55	25.7	74.3	0.0	0.0	22.0	10.0	11.0	6.5	63.4	80.8	22
6	10143	8	17	19	126	50.6	58.2	3.6	19.2	22.8	4.3	1.8	2.4	1.0	6.0	6.0	96	100	16.7	83.3	0.0	0.0	25.0	11.0	12.0	7.0	50.0	86.7	26
7	10350	7	21	24	125	51.8	64.0	4.0	24.6	28.6	4.6	2.1	2.2	0.8	3.2	4.4	55	138	0.0	50.0	50.0	0.0	26.5	11.0	11.0	7.0	72.7	68.8	28
8	10427	8	17	19	115	38.8	54.0	4.0	22.2	26.2	4.9	1.9	2.6	3.0	22.8	18.7	60	82	24.6	73.7	1.8	0.0	22.0	11.0	12.0	7.5	60.6	70.2	32
9	10698	8	15	17	115	46.4	63.4	4.0	32.0	36.0	4.9	1.9	2.6	4.6	24.0	18.7	125	78	15.8	66.7	17.5	0.0	26.5	11.5	11.0	7.0	52.7	85.7	24
10	10819	7	18	20	121	60.8	68.0	4.0	13.6	17.6	6.7	2.5	2.7	2.0	4.4	3.0	76	68	9.1	90.9	0.0	0.0	26.0	12.0	12.0	7.5	60.0	77.8	35
11	11108	8	16	19	104	42.6	54.8	4.0	18.6	22.6	4.8	1.9	2.5	1.0	8.2	6.6	105	80	24.4	75.6	0.0	0.0	24.0	11.5	14.0	8.0	57.6	84.2	34
12	11631	7	21	24	125	44.6	56.6	4.0	19.2	23.2	4.6	2.2	2.1	2.8	19.4	17.2	225	89	11.3	88.7	0.0	0.0	24.5	11.0	13.0	8.5	73.6	81.5	46
13	11643	7	19	22	115	69.6	83.8	4.0	4.6	8.6	4.7	2.2	2.1	6.0	11.6	13.6	147	88	36.2	37.9	25.9	0.0	29.0	13.0	11.5	7.5	70.3	87.1	32
14	11655	7	19	22	119	49.2	60.6	4.0	24.8	28.8	5.4	2.5	2.2	4.0	16.6	13.8	103	83	21.7	78.3	0.0	0.0	27.0	11.0	12.0	8.0	69.6	91.7	34
15	11665	7	20	23	121	39.6	48.8	4.0	20.8	24.8	5.1	2.0	2.5	3.0	8.2	7.2	91	88	9.8	90.2	0.0	0.0	24.0	10.0	10.5	7.0	72.2	88.5	36
16	11670	7	19	22	120	54.2	62.0	4.0	15.2	19.2	5.8	2.3	2.5	1.4	14.0	16.8	167	120	28.6	71.4	0.0	0.0	20.5	12.0	13.5	8.5	53.6	88.9	51
17	11677	7	18	21	125	58.4	72.0	4.0	29.8	33.8	5.8	2.6	2.2	3.8	11.6	15.2	139	131	24.1	75.9	0.0	0.0	29.0	13.5	17.5	9.0	59.2	86.7	50
18	11678	7	20	23	120	38.7	46.3	4.0	39.0	43.0	5.8	2.5	2.3	6.7	20.3	23.7	19	116	45.9	54.1	0.0	0.0	25.5	13.5	15.0	7.5	60.6	88.4	46
19	11679	7	19	21	125	64.6	84.0	4.0	20.6	24.6	5.6	2.9	1.9	2.2	25.6	25.0	71	98	23.4	76.6	0.0	0.0	25.0	11.5	11.0	7.5	58.4	86.3	30
20	11682	7	15	20	122	69.0	73.0	4.0	19.8	23.8	5.4	2.7	2.0	3.6	10.8	19.6	98	181	13.0	87.0	0.0	0.0	23.0	10.0	11.0	7.5	73.5	96.0	66
21	11683	7	18	21	120	46.8	56.4	4.0	15.6	19.6	6.2	2.9	2.1	2.4	18.2	14.4	121	79	48.4	51.6	0.0	0.0	26.0	12.0	13.0	7.0	72.2	94.2	42
22	11685	7	18	21	120	53.6	63.4	4.0	15.2	19.2	5.8	2.5	2.3	7.2	16.0	12.0	147	75	27.5	72.5	0.0	0.0	29.0	13.0	14.0	7.5	63.3	92.1	40
23	11686	7	18	21	121	52.4	61.0	4.0	23.6	27.6	5.9	2.7	2.2	2.2	10.2	11.8	134	116	41.2	58.8	0.0	0.0	30.0	15.0	17.0	8.5	62.7	94.6	45
24	11688	7	22	25	129	48.8	58.6	4.0	31.0	35.0	5.4	2.0	2.7	2.4	9.2	12.0	184	130	45.6	54.4	0.0	0.0	25.0	14.0	16.0	7.5	61.7	75.7	48
25	11691	7	18	21	120	56.2	61.8	4.0	15.0	19.0	5.3	2.4	2.2	1.6	9.2	10.6	112	115	26.1	73.9	0.0	0.0	29.0	12.0	14.0	7.5	67.9	91.7	48
26	11693	7	18	20	117	49.2	62.0	4.0	20.6	24.6	5.9	2.5	2.4	2.6	22.4	34.8	268	155	40.2	59.8	0.0	0.0	28.0	15.0	15.0	9.0	50.0	95.4	45
27	11694	7	20	22	127	58.4	67.4	3.8	25.2	29.0	5.8	2.8	2.1	1.8	3.2	1.2	77	90	37.5	62.5	0.0	0.0	21.0	11.0	12.0	8.5	70.0	90.0	30
28	11695	7	20	23	125	56.0	64.0	4.0	20.2	24.2	5.6	2.5	2.2	5.6	8.4	8.4	104	100	35.7	42.9	21.4	0.0	30.0	13.0	13.5	8.0	69.0	79.3	46
29	11704	7	20	23	125	43.4	50.4	4.0	15.2	19.2	3.8	2.5	1.5	4.0	16.2	7.8	53	82	43.2	56.8	0.0	0.0	19.0	10.0	10.0	7.0	64.4	90.1	30
30	11705	7	18	20	120	48.6	67.0	4.0	38.0	42.0	6.2	2.8	2.2	3.2	39.0	44.2	128	113	30.8	69.2	0.0	0.0	29.0	13.0	15.0	8.5	60.2	77.4	60

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
31	11707	6350	MWITUNDE	MWI	HYB	4	1	0	1	1	1	+	3	2	3	2	3	5	3	10	2	1	2
32	11708	6352	NCAC 2337	USA	HYB	4	1	+	3	2	2	0	3	2	3	2	3	5	3	10	2	1	2
33	11711	6376	SAM COL. 280	UNK	HYB	3	1	0	5	1	1	0	2	2	3	2	3	3	3	10	2	1	1
34	11715	6413	NCAC 17829	USA	HYB	3	1	0	5	1	1	+	2	2	3	2	3	5	3	10	2	1	1
35	11718	6426	RG 405	USA	HYB	3	1	0	5	1	1	0	2	2	3	2	3	3	3	2	2	1	1
36	11719	6427	UF 70115	USA	HYB	3	1	+	5	1	1	+	3	2	2	2	3	5	3	10	2	2	2
37	11724	6453	NCAC 17749	USA	HYB	3	1	+	1	2	1	+	2	2	3	2	3	5	3	10	3	2	2
38	11741	6554	MBWA RUNNER	TZA	HYB	3	1	0	3	1	1	0	2	2	3	2	3	5	3	10	2	1	1
39	11744	6561	KAPUTO	MWI	HYB	3	1	0	5	1	2	0	2	2	3	2	5	5	3	10	2	1	1
40	11749	6667	NCAC 1789	USA	HYB	3	1	+	3	1	2	0	2	2	3	2	3	5	5	10	3	1	2
41	11752	6672	NCAC 2559	USA	HYB	3	1	0	3	1	2	0	2	1	3	1	3	3	3	10	1	1	1
42	11754	6689	MBWA RUNNER	TZA	HYB	3	1	0	5	1	2	0	3	1	3	1	3	5	3	10	2	1	2
43	11758	6717	AHMER MOGY	SDN	HYB	3	1	+	5	1	2	+	3	2	3	2	3	3	3	10	2	1	2
44	11759	6724	BMP 9	ZWE	HYB	4	1	+	3	1	1	+	3	1	3	1	3	3	3	13	1	1	1
45	11760	6739	NCAC 17759	USA	HYB	3	4	0	1	1	1	+	2	1	3	1	0	3	3	10	1	1	1
46	11761	6740	3424	USA	HYB	3	1	0	3	1	1	+	2	2	3	2	3	3	3	10	2	1	2
47	11762	6742	M 12	MWI	HYB	3	1	0	5	1	2	0	3	2	3	2	5	5	5	10	2	1	2
48	11763	6743	M 13	MWI	HYB	3	1	0	3	1	2	0	3	2	3	2	5	5	5	10	3	2	2
49	11764	6747	EARLY RUNNER	ZWE	HYB	3	1	+	3	1	2	0	3	2	3	2	3	5	3	10	2	1	1
50	11766	6756	SAM COL. 162	UNK	HYB	3	1	0	3	1	2	+	3	2	3	2	5	5	0	13+1	2	1	2
51	11767	6757	SAM COL. 164	UNK	HYB	4	1	0	5	1	2	+	2	2	3	2	3	3	3	14	2	1	1
52	11771	6784	BMP 11	ZWE	HYB	3	1	0	3	1	1	+	2	1	3	1	0	3	3	11	1	1	1
53	11773	6790	NCAC 17560	USA	HYB	3	1	+	3	1	1	0	1	2	3	2	0	3	3	10	1	1	2
54	11775	6794	NCAC 17641	USA	HYB	3	4	0	3	1	1	0	2	1	3	1	0	3	3	10	1	1	1
55	11779	6815	MANIPINTAR	ZMB	HYB	3	1	0	5	1	1	+	3	2	3	2	7	5	0	13+1	2	1	1
56	11780	6818	SAM COL. 147	UNK	HYB	3	4	0	3	1	1	0	2	2	2	2	0	5	3	10	1	1	1
57	11929	11295	BLAKESLEE 4-1	ECU	HYB	4	1	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
58	10121	181	GO 103	IND	HYR	2	1	+	3	1	1	0	3	1	3	1	3	3	3	10	2	1	1
59	10123	187	BIG JAPAN	IND	HYR	2	1	0	3	2	1	0	3	2	3	2	3	3	3	10	2	1	1
60	10125	199	HG 10	IND	HYR	1	1	0	3	1	1	0	3	2	3	2	3	3	3	10	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
31	11707	7	20	23	120	62.0	72.0	4.0	16.2	20.2	5.3	2.5	2.1	0.2	9.2	11.0	119	120	30.4	60.9	8.7	0.0	24.0	13.5	14.0	9.0	63.6	88.6	52
32	11708	7	18	20	125	55.0	70.4	4.0	27.0	31.0	5.9	2.4	2.5	2.0	21.2	23.2	165	109	30.2	69.8	0.0	0.0	28.5	12.0	14.0	8.0	56.9	84.8	50
33	11711	7	22	25	120	61.2	75.4	4.0	38.2	42.2	6.0	3.0	2.0	4.0	23.4	16.0	208	68	44.4	55.6	0.0	0.0	21.5	12.5	10.0	7.0	58.8	83.0	34
34	11715	7	20	23	125	49.8	59.8	4.0	21.0	25.0	5.9	2.5	2.4	1.8	11.0	12.4	282	113	38.2	61.8	0.0	0.0	28.0	13.0	15.0	8.0	71.0	95.5	68
35	11718	7	19	22	125	47.2	60.4	4.0	24.0	28.0	4.8	2.3	2.1	4.2	13.8	9.6	59	70	21.7	55.1	23.2	0.0	21.0	10.0	10.5	7.0	64.6	77.4	28
36	11719	8	19	21	118	44.4	58.6	4.0	25.4	29.4	4.9	2.3	2.1	4.8	21.8	21.6	96	99	38.5	61.5	0.0	0.0	34.0	14.0	17.5	8.0	56.5	88.5	39
37	11724	7	22	25	125	52.0	60.2	4.0	45.0	49.0	5.7	2.4	2.4	3.4	30.6	28.2	54	92	28.1	71.9	0.0	0.0	23.0	12.0	15.0	7.5	50.4	78.9	49
38	11741	7	18	20	127	68.0	78.0	4.0	23.4	27.4	6.5	3.0	2.2	2.0	5.0	4.8	112	96	56.0	36.0	8.0	0.0	24.0	13.0	15.0	8.0	73.0	72.2	37
39	11744	7	20	23	120	59.0	65.0	4.0	21.6	25.6	5.4	2.3	2.3	2.4	5.2	7.6	111	146	11.5	88.5	0.0	0.0	24.5	12.0	12.0	7.5	75.0	93.3	46
40	11749	7	21	23	125	50.0	62.0	4.0	10.2	14.2	4.0	2.0	2.0	2.2	12.4	13.5	221	83	25.9	74.1	0.0	0.0	24.0	12.5	12.5	7.5	50.6	84.0	50
41	11752	7	19	20	120	44.8	56.2	4.0	17.0	21.0	5.3	2.3	2.3	3.0	12.8	8.4	66	66	23.4	76.6	0.0	0.0	21.0	10.5	10.0	7.0	69.0	86.2	26
42	11754	7	18	21	120	55.6	63.6	4.0	26.6	30.6	6.3	2.5	2.5	3.2	8.0	8.0	96	100	35.0	42.5	22.5	0.0	26.0	12.0	14.5	8.0	72.5	86.2	32
43	11758	7	20	22	120	57.4	64.4	3.8	21.0	24.8	6.1	3.0	2.0	4.0	23.8	23.8	105	100	31.1	68.9	0.0	0.0	25.0	13.0	14.0	7.5	66.4	91.1	38
44	11759	7	18	21	127	60.8	70.0	4.0	20.4	24.4	4.8	2.7	1.8	3.2	13.0	7.8	115	60	30.8	69.2	0.0	0.0	20.0	12.0	10.0	8.0	64.1	88.0	26
45	11760	7	20	23	125	53.2	61.4	4.0	19.6	23.6	4.3	2.4	1.8	1.8	10.8	7.0	87	65	64.8	35.2	0.0	0.0	18.0	11.0	9.0	7.0	68.6	79.2	38
46	11761	7	20	23	126	47.0	57.4	4.0	22.2	26.2	4.8	2.3	2.1	1.4	11.0	12.2	113	111	40.0	60.0	0.0	0.0	25.5	13.0	14.0	8.5	63.9	89.7	48
47	11762	7	18	21	122	61.8	70.8	4.0	12.4	16.4	5.6	2.7	2.1	0.8	4.2	7.6	133	126	9.5	66.7	23.8	0.0	28.0	12.0	15.0	8.0	65.8	92.0	46
48	11763	7	19	23	125	57.4	62.2	4.0	39.0	43.0	4.7	2.5	1.9	3.4	25.4	30.8	76	121	32.3	67.7	0.0	0.0	28.5	19.0	16.0	9.0	58.4	83.3	56
49	11764	7	19	22	127	57.8	68.0	4.0	34.6	38.6	5.5	2.6	2.1	2.2	10.4	8.0	66	77	36.5	46.1	17.3	0.0	24.0	13.0	14.0	8.0	60.0	79.2	36
50	11766	7	18	21	127	52.8	62.0	4.0	14.2	18.2	5.7	2.3	2.5	2.4	9.8	15.2	180	155	26.5	73.5	0.0	0.0	27.5	15.0	13.0	9.0	50.8	87.1	45
51	11767	7	18	21	125	59.8	71.0	4.0	24.2	28.2	5.1	2.3	2.2	3.4	14.0	30.0	138	104	35.7	64.3	0.0	0.0	26.0	13.0	12.0	8.5	69.7	90.4	46
52	11771	8	17	22	121	60.0	63.0	4.0	21.0	25.0	5.6	2.3	2.4	1.0	23.0	13.2	92	57	20.9	79.1	0.0	0.0	20.5	11.5	11.0	8.5	74.2	85.7	40
53	11773	7	19	22	120	44.8	57.6	4.0	27.0	31.0	5.5	2.4	2.3	1.8	5.6	6.6	95	118	53.6	46.4	0.0	0.0	27.5	13.0	17.0	8.5	51.5	88.2	37
54	11775	7	19	21	128	47.0	55.0	4.0	16.6	20.6	4.6	2.3	2.0	4.4	15.8	9.6	123	61	43.0	57.0	0.0	0.0	19.5	11.5	9.0	8.5	70.8	88.2	32
55	11779	7	19	21	126	62.4	73.0	4.0	25.8	29.8	5.5	2.5	2.2	4.4	12.6	9.8	113	78	28.6	71.4	0.0	0.0	29.0	11.5	11.5	8.0	52.9	69.6	32
56	11780	7	20	23	122	47.0	58.4	4.0	13.4	17.4	5.7	2.3	2.5	4.6	34.4	28.2	220	82	18.6	81.4	0.0	0.0	20.0	10.5	11.0	7.0	70.2	93.9	43
57	11929	8	18	20	103	54.2	65.8	4.0	12.2	16.2	4.8	1.7	2.8	3.8	10.0	11.0	125	110	24.0	28.0	48.0	0.0	27.0	12.0	10.0	7.0	61.8	88.2	24
58	10121	8	16	18	126	40.4	61.4	4.0	27.2	31.2	4.4	1.9	2.3	3.0	14.2	13.3	114	94	18.3	70.4	11.3	0.0	28.0	12.0	13.0	7.0	58.2	89.7	28
59	10123	8	16	18	107	42.8	57.6	4.0	15.4	19.4	4.2	1.7	2.5	1.8	16.8	15.0	91	89	27.4	72.6	0.0	0.0	24.0	11.0	14.0	8.0	65.3	89.8	37
60	10125	8	18	20	120	39.2	57.4	4.0	12.8	16.8	4.6	2.0	2.3	1.8	8.0	6.8	91	85	22.5	72.5	5.0	0.0	27.0	11.5	11.0	7.0	52.9	77.8	26

Passport information				Qualitative traits																			
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
61	10181	887	C 145-12-P-31	IND	HYR	2	1	0	3	2	1	0	3	1	3	1	3	3	3	10	2	1	1
62	10183	896	C 155	IND	HYR	1	1	0	3	1	1	0	2	1	3	1	3	3	3	7	2	1	1
63	10222	1019	AH 1716	IND	HYR	2	1	0	3	1	2	0	3	1	3	1	3	5	3	10	2	1	1
64	10233	1037	AH 7224	NGA	HYR	1	1	+	3	1	1	0	3	2	3	2	0	3	3	10	2	1	3
65	11627	83	HG 7	IND	HYR	2	1	0	3	1	2	0	2	2	3	2	3	5	3	10	2	1	1
66	11628	124	P 36/2	IND	HYR	2	1	0	3	1	1	+	2	1	3	1	3	3	3	10	2	1	1
67	11629	135	S 15	UNK	HYR	2	1	0	5	1	2	0	2	1	3	1	0	3	3	10	2	1	1
68	11658	2416	VRR 9	IND	HYR	2	1	0	3	2	2	+	2	2	3	2	3	3	3	10	2	1	3
69	11659	2429	VRR 22	IND	HYR	2	1	0	3	1	1	0	2	1	3	1	3	3	3	10	2	1	3
70	11663	2525	C 61	IND	HYR	2	1	0	3	1	2	0	3	2	3	2	3	3	3	10	2	1	3
71	11664	2563	C 135	IND	HYR	2	1	0	1	1	2	0	2	2	3	2	3	3	3	2	2	1	3
72	11666	2786	M 13	IND	HYR	3	1	+	3	1	2	+	3	2	3	2	3	3	3	7	2	1	1
73	11667	2798	NARAYANAWADI	IND	HYR	3	1	0	1	1	2	+	3	1	3	1	3	3	3	10	2	1	3
74	11687	5926	BADAMI ZAMINI	IRN	HYR	1	1	+	3	1	1	+	3	2	3	2	3	3	3	10	2	1	3
75	11689	5940	NCAC 17260	USA	HYR	2	1	0	1	1	1	+	2	2	3	2	3	3	5	10	2	1	3
76	11690	5958	NC 17 S	USA	HYR	3	1	0	1	1	1	+	3	2	3	2	3	5	5	10	3	1	3
77	11697	6197	NDOBA SMALL 3K	ZWE	HYR	2	1	0	3	1	2	+	3	2	3	2	5	5	5	10	3	1	3
78	11722	6442	SAM COL. 308	UNK	HYR	3	4	+	3	1	1	0	3	2	3	2	3	5	3	10	2	1	3
79	11727	6467	RG 261	ZWE	HYR	3	1	+	3	1	2	+	3	1	3	1	3	5	3	10	3	2	3
80	11740	6553	KADJANI 61	MWI	HYR	2	1	+	3	1	1	+	2	1	3	1	3	3	5	10	2	2	3
81	11743	6560	M 9	MWI	HYR	2	1	0	3	1	2	0	2	2	3	2	3	5	5	10	3	1	3
82	11751	6671	NCAC 2424	USA	HYR	3	1	0	1	1	1	0	2	1	3	1	3	5	3	10	2	1	3
83	11753	6685	BELADI RUNNER	SDN	HYR	1	1	0	1	1	2	0	3	2	3	2	5	5	5	10	3	1	3
84	11778	6807	SAM COL. 205	UNK	HYR	3	1	0	5	1	2	0	2	2	3	1	3	5	3	10	2	1	1
85	490	--	DH 3-30	IND	VUL	4	2	0	3	1	1	+	2	2	3	2	3	5	3	11	1	1	1
86	675	--	HUA 27	CHN	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	10	1	1	1
87	816	--	NCAC 1313	UNK	VUL	4	2	0	3	1	1	+	2	2	1	2	3	5	3	11	2	1	1
88	835	--	NCAC 495	USA	VUL	4	2	0	5	1	1	+	2	2	3	2	0	5	3	11	1	1	1
89	1033	6687	NCAC 9980	ZWE	VUL	4	2	0	1	1	1	+	2	2	2	2	3	3	3	11	2	1	1
90	1284	--	AH 56-1	IND	VUL	4	2	0	5	1	2	0	2	1	3	2	3	5	3	11	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
61	10181	8	17	19	125	41.6	60.6	4.0	15.6	19.6	4.2	2.0	2.1	2.0	21.0	13.2	88	63	22.9	50.5	26.7	0.0	25.0	12.0	12.0	7.0	71.3	60.8	31
62	10183	9	17	19	124	26.0	43.8	3.8	17.6	21.4	4.1	1.9	2.2	2.4	17.0	17.0	62	100	16.5	64.7	18.8	0.0	27.0	11.0	12.0	7.5	55.3	89.4	33
63	10222	7	20	23	121	40.2	60.2	4.0	30.2	34.2	5.0	2.3	2.2	3.4	24.2	19.4	96	80	41.3	58.7	0.0	0.0	24.0	13.0	14.0	7.5	70.1	85.3	48
64	10233	8	18	20	122	35.6	61.0	4.0	20.2	24.2	4.9	2.2	2.2	4.0	23.4	15.7	106	67	29.9	70.1	0.0	0.0	24.0	13.0	10.0	7.5	52.7	76.8	28
65	11627	7	20	22	122	42.8	63.0	3.8	12.8	16.6	3.6	2.3	1.6	2.0	10.6	8.0	169	75	11.3	66.0	22.6	0.0	25.0	11.0	11.5	7.0	70.0	89.3	28
66	11628	7	19	21	120	42.4	66.0	4.0	28.6	32.6	4.0	2.3	1.7	2.8	23.6	20.6	122	87	23.7	76.3	0.0	0.0	25.0	13.0	12.0	7.5	68.0	90.0	36
67	11629	7	21	24	119	42.0	62.2	4.0	29.2	33.2	4.7	2.0	2.4	1.4	18.6	13.8	183	74	17.2	82.8	0.0	0.0	20.0	12.0	11.0	7.0	59.4	95.1	32
68	11658	7	20	23	120	44.5	58.5	4.0	27.5	31.5	5.2	2.4	2.2	2.0	13.3	9.8	90	74	13.2	86.8	0.0	0.0	20.0	11.0	10.5	7.0	74.4	86.2	28
69	11659	7	21	26	120	43.0	63.0	4.0	31.6	35.6	5.4	2.3	2.3	5.8	21.4	13.4	90	63	29.9	70.1	0.0	0.0	27.0	12.0	12.0	7.5	62.7	92.9	30
70	11663	7	20	25	120	33.6	56.2	4.0	26.0	30.0	5.5	2.3	2.4	5.8	26.4	25.2	109	95	22.7	77.3	0.0	0.0	23.0	12.0	11.5	7.5	59.5	93.3	32
71	11664	7	20	23	124	26.8	51.4	4.0	33.6	37.6	5.0	2.2	2.3	7.4	30.0	16.8	90	56	15.3	84.7	0.0	0.0	22.0	11.0	11.5	7.0	65.5	85.5	44
72	11666	7	18	21	119	42.0	54.6	4.0	29.0	33.0	5.5	2.0	2.8	3.6	25.6	26.0	68	102	23.4	76.6	0.0	0.0	30.0	14.0	13.5	8.0	50.0	93.8	40
73	11667	7	20	23	124	29.6	54.0	4.0	27.0	31.0	4.8	2.1	2.3	3.2	20.0	20.0	81	100	20.0	80.0	0.0	0.0	22.0	12.0	11.5	7.5	61.0	82.0	40
74	11687	7	20	23	130	49.2	61.0	4.0	46.4	50.4	5.4	2.8	1.9	4.8	34.8	33.6	64	97	55.8	44.3	0.0	0.0	26.0	14.0	16.0	7.5	56.5	85.3	49
75	11689	7	20	22	126	42.4	54.2	4.0	25.2	29.2	5.5	2.5	2.2	2.4	7.6	8.8	192	116	26.3	73.7	0.0	0.0	28.0	15.0	15.0	7.0	61.4	92.6	50
76	11690	7	19	21	122	50.0	62.4	4.0	21.8	25.8	5.5	2.1	2.6	2.4	9.8	8.6	118	88	36.7	63.3	0.0	0.0	27.0	13.0	13.0	7.5	58.1	88.0	38
77	11697	7	19	21	119	54.0	65.0	4.0	17.2	21.2	6.2	2.5	2.5	1.0	7.6	10.6	73	139	21.1	52.6	26.3	0.0	30.0	13.5	14.0	7.5	66.0	74.3	40
78	11722	7	18	21	127	43.8	58.6	4.0	38.6	42.6	5.3	2.6	2.0	3.6	31.2	36.0	63	115	26.3	73.7	0.0	0.0	28.0	14.0	15.0	7.0	58.3	81.0	53
79	11727	7	20	23	120	56.0	61.0	4.0	32.0	36.0	5.1	2.3	2.2	11.5	31.0	31.5	164	102	48.4	51.6	0.0	0.0	25.0	12.5	16.0	7.5	61.9	72.7	50
80	11740	7	20	22	127	42.8	62.4	4.0	60.8	64.8	4.8	2.3	2.1	6.4	32.0	25.6	111	80	15.6	84.4	0.0	0.0	21.5	12.0	12.0	7.5	57.0	84.9	52
81	11743	7	19	23	126	57.8	69.4	4.0	27.8	31.8	5.7	2.5	2.3	3.0	17.6	15.2	139	86	17.1	80.7	2.3	0.0	25.0	12.0	13.0	7.0	54.0	92.7	34
82	11751	7	19	21	120	54.2	61.4	4.0	6.4	10.4	6.2	2.4	2.6	1.2	11.0	17.0	139	125	43.6	56.4	0.0	0.0	32.0	14.0	17.0	9.0	64.2	82.5	40
83	11753	7	19	22	120	58.0	67.4	4.0	20.2	24.2	5.0	2.5	2.0	2.8	8.0	5.8	141	73	22.5	77.5	0.0	0.0	23.0	12.0	13.0	7.5	69.0	90.0	36
84	11778	7	19	21	122	62.4	79.0	4.0	16.8	20.8	4.8	2.5	1.9	1.8	6.2	6.6	140	106	12.9	87.1	0.0	0.0	24.5	12.0	11.0	7.5	66.7	86.4	30
85	490	7	16	18	102	61.3	71.0	4.0	2.6	6.6	6.4	3.1	2.1	3.0	19.5	10.2	114	79	16.7	83.3	0.0	0.0	21.0	10.0	10.0	7.0	51.6	73.1	27
86	675	7	16	18	100	59.4	71.6	4.0	5.4	9.4	6.5	3.0	2.2	1.6	18.8	17.6	180	74	25.5	74.5	0.0	0.0	23.5	11.0	11.0	7.5	62.9	70.5	38
87	816	7	16	18	100	49.6	62.8	4.2	7.2	11.4	6.8	3.3	2.1	3.4	25.6	19.0	186	67	42.2	57.8	0.0	0.0	25.0	11.0	11.0	7.0	62.8	94.4	38
88	835	7	16	18	103	36.2	52.4	4.0	7.8	11.8	7.4	3.4	2.2	2.8	24.2	24.5	207	64	44.6	43.8	11.6	0.0	23.0	11.0	12.0	8.0	72.7	92.9	40
89	1033	7	15	17	103	62.0	78.0	3.8	4.0	7.8	6.5	2.7	2.4	1.6	17.0	22.0	224	76	28.2	71.8	0.0	0.0	22.0	10.0	10.0	7.0	66.2	72.1	36
90	1284	7	17	19	103	56.4	71.0	4.0	9.0	13.0	6.5	2.9	2.2	2.8	13.4	13.6	127	72	38.8	61.2	0.0	0.0	21.0	11.0	10.5	7.0	58.3	85.7	35

Passport information			Qualitative traits																				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
No.	NRCG	ICG	Name of Variety	Origin	Habit																		
91	1285	--	AH 3299	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	1	1	1
92	1374	--	H-607-A	IND	VUL	4	2	0	3	1	1	+	2	1	2	1	3	5	3	11	1	1	1
93	1403	--	JH-67	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
94	1451	--	AH 6661	KEN	VUL	4	2	0	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
95	1476	--	333-8-1-3	MWI	VUL	4	2	0	3	1	1	0	2	2	3	2	0	7	3	11	1	1	1
96	1558	--	PI 264738	ZWE	VUL	4	2	0	3	2	2	+	2	2	2	2	3	5	3	11	1	1	1
97	1562	--	PI 261964-2	ZWE	VUL	4	2	+	3	1	2	0	1	1	3	1	3	5	3	11	1	1	1
98	1652	--	PI 262743	ZWE	VUL	4	2	0	5	1	1	+	2	1	3	1	5	5	5	11	2	1	1
99	1663	--	PI 261997	PRY	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	5	10	1	1	1
100	2146	--	JH 335	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
101	2156	--	AH 39	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
102	2157	--	AH 43	UNK	VUL	4	2	0	3	2	1	0	2	2	2	2	3	5	3	11	2	1	2
103	2160	--	AH 69	UNK	VUL	4	2	0	5	1	2	0	1	2	3	2	0	5	3	11	1	1	1
104	2162	--	AH 182	IND	VUL	4	2	0	3	1	1	+	1	2	2	2	3	7	3	10	2	1	2
105	2163	--	AH 218-1	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	0	5	3	11	1	1	1
106	2176	--	GUNTUR LOCAL	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
107	2179	--	AH 6847	UNK	VUL	4	2	0	5	2	1	0	2	2	3	2	0	5	3	11	1	1	1
108	2190	--	AH 7211	SLE	VUL	4	2	0	3	1	2	0	2	2	3	2	3	5	3	11	2	1	1
109	2191	--	AH 7215	TZA	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
110	2197	--	AH 7228	MYS	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	1	1	1
111	2198	--	AH 7232	MYS	VUL	4	2	0	3	1	1	0	2	1	2	1	5	5	3	11	1	1	2
112	2203	--	AH 7338	MYS	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
113	2205	--	AH 7586	CHN	VUL	4	2	0	5	1	1	+	1	2	3	2	5	5	3	11	2	1	1
114	2209	--	AH 7986	SUN	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	1	1	1
115	2216	--	APAXUE	UNK	VUL	4	2	0	3	1	1	0	2	1	2	1	3	5	3	10	2	1	1
116	2223	--	BIG JAPAN	SUN	VUL	4	2	0	3	1	1	0	1	1	2	1	0	5	3	10	1	1	1
117	2231	--	CHUNGZAU	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	3	5	3	11	1	1	1
118	2235	--	CULTURE NO 654-1	KOR	VUL	4	2	0	3	1	1	+	2	2	2	2	0	3	3	11	1	1	1
119	2236	--	CULTURE NO 712	IND	VUL	4	3	0	5	1	1	0	2	2	3	2	3	5	3	11	2	1	1
120	2239	--	D-103-10	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	10	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
91	1285	7	17	19	100	55.6	66.6	4.0	8.4	12.4	6.9	2.8	2.5	3.0	20.0	12.9	144	51	40.0	60.0	0.0	0.0	22.5	10.0	10.0	7.5	52.9	88.9	30
92	1374	7	16	18	100	61.0	72.8	3.8	8.4	12.2	7.3	3.1	2.4	1.6	16.8	13.9	142	71	14.3	85.7	0.0	0.0	21.5	10.0	11.0	8.0	51.7	71.0	34
93	1403	7	15	17	98	56.8	66.8	4.0	1.8	5.8	6.3	2.9	2.2	1.8	14.6	15.1	128	68	24.7	75.3	0.0	0.0	24.0	10.0	10.0	7.5	54.0	79.3	25
94	1451	7	17	19	102	57.8	62.0	3.8	5.8	9.6	6.7	2.3	2.9	1.0	7.0	7.2	73	97	25.7	25.7	48.6	0.0	24.0	12.0	10.0	7.0	58.8	70.0	29
95	1476	7	18	20	100	56.0	65.2	4.0	12.6	16.6	6.3	2.7	2.3	4.0	27.8	13.7	164	60	31.7	68.3	0.0	0.0	21.0	10.0	10.0	7.0	67.5	75.0	34
96	1558	7	17	19	98	54.2	65.6	3.8	9.8	13.6	5.9	2.9	2.0	4.6	12.2	11.9	100	57	24.6	75.4	0.0	0.0	20.0	10.0	10.0	7.0	62.9	77.3	27
97	1562	7	16	18	98	61.2	67.4	4.0	3.2	7.2	7.9	3.5	2.3	2.4	16.6	21.1	140	64	19.3	80.7	0.0	0.0	21.5	10.0	11.0	7.0	69.8	70.3	32
98	1652	7	15	17	98	58.8	72.0	4.0	10.0	14.0	7.3	3.5	2.1	3.8	25.5	16.5	169	84	24.5	75.5	0.0	0.0	25.0	11.0	12.0	8.0	66.3	68.4	39
99	1663	7	16	18	98	58.6	67.4	3.6	7.2	10.8	6.6	2.9	2.3	3.6	16.2	19.4	138	72	29.6	70.4	0.0	0.0	24.0	10.0	11.0	7.0	58.6	79.4	32
100	2146	7	17	19	100	64.6	71.8	4.0	3.8	7.8	6.8	3.2	2.1	1.4	16.2	16.8	142	65	29.6	70.4	0.0	0.0	20.0	10.0	10.0	7.0	56.6	70.0	27
101	2156	7	17	19	102	46.2	54.2	4.0	2.6	6.6	6.4	2.9	2.2	0.8	19.0	23.0	225	79	26.3	73.7	0.0	0.0	21.0	11.0	11.0	7.0	69.3	92.3	42
102	2157	7	18	20	100	65.8	76.6	4.0	1.8	5.8	6.3	2.9	2.2	3.2	22.0	7.6	85	64	16.4	83.6	0.0	0.0	20.0	10.0	10.0	7.0	64.3	91.1	35
103	2160	7	15	17	102	57.2	67.0	4.0	4.0	8.0	6.7	3.1	2.2	2.2	17.6	15.2	175	68	37.5	62.5	0.0	0.0	23.0	11.0	11.0	7.0	65.0	66.7	36
104	2162	7	17	19	100	55.4	67.0	4.0	5.0	9.0	6.2	2.9	2.1	2.0	12.8	10.9	101	59	45.3	54.7	0.0	0.0	19.5	10.5	10.0	7.5	71.0	96.3	33
105	2163	7	17	19	101	60.4	64.4	4.2	3.8	8.0	6.5	3.1	2.1	2.0	12.4	15.1	141	65	25.8	74.2	0.0	0.0	23.0	11.0	10.0	7.0	75.0	73.3	35
106	2176	7	17	19	100	60.6	71.4	4.0	4.8	8.8	6.3	2.8	2.3	3.4	17.8	18.8	142	73	27.0	73.0	0.0	0.0	22.0	10.5	10.0	7.0	70.8	93.5	34
107	2179	7	17	19	102	50.6	58.0	4.0	8.4	12.4	6.4	3.0	2.1	2.8	18.0	13.5	150	59	17.8	82.2	0.0	0.0	22.0	11.0	10.5	7.5	73.6	79.5	34
108	2190	7	16	18	102	65.6	77.6	4.0	6.0	10.0	7.3	3.2	2.3	3.4	26.8	42.9	191	68	24.6	75.4	0.0	0.0	22.0	10.0	10.5	7.0	64.8	72.9	30
109	2191	7	16	18	100	66.4	80.0	4.2	3.0	7.2	6.8	3.0	2.3	1.8	24.8	22.8	202	67	19.4	80.6	0.0	0.0	20.0	10.0	10.0	7.5	67.5	78.6	32
110	2197	7	16	18	100	55.2	68.6	4.0	6.8	10.8	6.1	3.0	2.0	2.4	13.8	11.1	148	81	27.5	72.5	0.0	0.0	23.0	10.1	10.5	7.5	53.6	73.3	34
111	2198	7	17	19	98	60.0	71.8	4.0	10.0	14.0	7.0	3.3	2.1	5.0	29.8	14.0	174	59	14.8	85.2	0.0	0.0	23.0	10.0	10.0	7.0	65.9	74.1	28
112	2203	7	17	19	98	55.2	65.8	4.0	8.0	12.0	6.8	2.9	2.3	1.8	28.6	14.8	184	66	16.1	83.9	0.0	0.0	25.5	10.0	12.0	7.5	67.0	81.0	33
113	2205	7	20	22	98	58.0	70.6	4.0	13.0	17.0	6.6	3.1	2.1	5.8	26.6	11.0	122	63	16.5	83.5	0.0	0.0	22.5	10.0	10.0	6.5	70.2	72.9	30
114	2209	7	16	18	98	65.2	79.8	4.0	5.6	9.6	6.6	2.7	2.4	2.8	22.2	14.5	161	58	36.9	63.1	0.0	0.0	20.0	12.0	10.5	6.5	68.8	75.0	30
115	2216	7	18	20	100	57.6	74.6	4.0	0.8	4.8	6.3	2.8	2.3	1.0	13.0	15.7	154	77	21.5	78.5	0.0	0.0	21.5	10.0	10.0	7.5	70.0	91.4	32
116	2223	7	17	19	98	60.2	71.0	4.0	2.0	6.0	6.5	3.0	2.2	2.2	23.2	16.2	209	71	25.0	75.0	0.0	0.0	23.5	11.0	10.5	7.0	70.7	82.8	37
117	2231	7	16	18	102	62.0	70.6	4.0	4.2	8.2	6.2	2.9	2.1	1.8	16.2	10.8	130	63	29.6	70.4	0.0	0.0	21.0	10.0	10.0	7.0	66.7	67.7	30
118	2235	7	17	19	102	64.6	75.0	4.0	5.4	9.4	7.1	3.0	2.4	4.4	17.8	15.2	176	66	12.4	87.6	0.0	0.0	21.0	10.0	10.0	7.0	67.8	75.0	32
119	2236	7	15	17	100	56.8	67.4	4.0	6.2	10.2	6.8	3.0	2.3	1.2	14.2	14.3	140	70	11.3	88.7	0.0	0.0	21.0	10.0	10.0	7.0	60.0	66.7	28
120	2239	7	17	19	98	61.0	67.2	4.0	3.2	7.2	6.2	2.8	2.2	2.2	18.0	13.8	160	67	20.0	80.0	0.0	0.0	22.5	10.5	10.5	6.5	63.3	68.4	28

No.	NRCG	Passport information		Origin	Habit	Qualitative traits																	
		ICG	Name of Variety			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
121	2240	--	DARK	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	7	3	11	1	1	1
122	2241	--	BHURAR	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
123	2242	--	DH 3-20	IND	VUL	4	2	0	5	1	1	+	2	2	2	2	3	7	3	11	2	1	1
124	2244	--	BORANT ERRECTA	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	10	1	1	1
125	2259	--	KOU-PI-HUA-SENG	CHN	VUL	4	2	0	3	1	1	+	2	2	2	2	5	5	5	11	2	1	2
126	2266	--	S-7-24-5	NGA	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	5	11	2	1	1
127	2330	--	EC 29446	CHN	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
128	2343	--	EXOTIC-1-1	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	0	5	3	11	1	1	1
129	2348	--	FAIZPUR	IND	VUL	4	2	0	3	1	2	0	2	2	3	2	3	5	3	11	1	1	1
130	2356	--	JH 99	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	0	5	3	11	1	1	1
131	2368	3774	KG 61-240	IND	VUL	4	2	0	3	2	2	0	1	2	2	2	0	3	3	11	1	1	1
132	2369	--	KG 101	IND	VUL	4	2	0	3	2	1	0	2	1	2	1	0	3	3	11	1	1	1
133	2379	--	LOCAL BUNCH	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	1	1	1
134	2380	--	LOCAL 3	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	1	1	1
135	2383	--	MANFREDI-107	ARG	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	11	2	1	2
136	2384	--	MANFREDI-118	ARG	VUL	4	2	0	5	2	1	0	2	2	3	2	0	5	3	11	1	1	1
137	2385	--	MANFREDI CHAMPAGUE	ARG	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
138	2388	--	NG 5-7	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	0	3	3	11	1	1	1
139	2389	--	NG 5-8	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	0	3	3	11	1	1	1
140	2390	--	NG 1	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
141	2392	--	KG 268	IND	VUL	4	2	0	3	1	2	0	2	1	2	1	0	5	3	11	1	1	1
142	2394	--	KG 386	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	0	5	3	11	1	1	1
143	2397	--	NO.67	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
144	2399	--	NO.276	CAF	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	1	1	2
145	2400	--	NO.293	CAF	VUL	4	2	0	3	1	2	0	2	1	2	1	0	5	3	11	1	1	1
146	2401	--	CG 1-5-3	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	10	1	1	1
147	2402	--	CG 6996-1	UNK	VUL	4	2	0	3	1	1	0	1	2	2	2	3	7	3	11	1	1	1
148	2403	--	CG 71-3	UNK	VUL	4	2	0	3	1	1	0	1	2	2	2	3	7	3	11	1	1	1
149	2406	--	P-57	SLE	VUL	4	2	0	5	1	1	+	2	2	3	2	0	5	3	11	2	1	2
150	2416	--	REXO	BRA	VUL	4	2	0	3	1	1	+	2	2	3	3	3	5	5	10	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
121	2240	7	15	18	105	58.4	77.4	3.6	4.6	8.2	6.2	3.0	2.1	1.0	18.4	13.4	137	55	35.9	64.1	0.0	0.0	21.0	11.0	10.0	7.5	68.6	77.1	29
122	2241	7	16	18	100	60.0	70.6	4.0	10.4	14.4	6.3	2.7	2.3	3.4	26.4	12.6	152	64	34.8	65.2	0.0	0.0	22.5	10.0	10.5	7.0	69.4	81.4	32
123	2242	7	16	18	100	64.6	82.0	4.0	6.0	10.0	6.2	3.0	2.1	2.8	15.4	11.0	128	75	48.1	51.9	0.0	0.0	24.0	11.0	11.5	7.5	62.1	80.6	36
124	2244	7	16	18	98	63.2	71.4	4.0	0.8	4.8	6.3	3.0	2.1	1.8	8.2	9.9	119	98	34.1	65.9	0.0	0.0	19.5	10.0	10.0	7.0	65.0	71.5	32
125	2259	7	17	19	102	48.8	55.8	4.0	7.6	11.6	6.5	2.9	2.2	1.3	12.5	10.0	71	102	20.0	80.0	0.0	0.0	24.5	12.0	11.0	8.0	51.0	67.7	38
126	2266	7	15	17	99	54.8	64.0	3.6	1.8	5.4	5.9	2.8	2.1	1.0	9.0	12.8	143	100	17.8	82.2	0.0	0.0	20.0	10.0	11.0	8.0	66.7	73.3	34
127	2330	7	15	17	102	58.4	76.2	4.0	5.2	9.2	6.5	2.9	2.2	2.4	17.6	10.3	110	68	77.3	22.7	0.0	0.0	21.0	10.0	10.0	7.0	61.7	70.3	34
128	2343	7	20	22	100	60.0	69.4	4.0	4.8	8.8	6.6	2.8	2.4	2.2	4.2	9.0	100	100	28.6	71.4	0.0	0.0	19.5	10.0	10.0	7.5	61.9	69.2	30
129	2348	7	16	18	100	61.6	70.4	4.0	12.0	16.0	6.6	2.9	2.3	5.0	29.2	15.9	198	58	16.4	83.6	0.0	0.0	23.0	11.0	10.0	7.5	65.5	74.5	30
130	2356	7	16	18	101	55.2	57.2	4.0	0.6	4.6	6.0	2.8	2.1	1.2	13.6	18.2	137	66	29.4	58.8	11.8	0.0	22.5	10.5	10.0	7.0	53.3	72.5	30
131	2368	7	15	17	100	53.8	64.6	4.0	11.6	15.6	6.0	2.9	2.1	3.4	20.0	11.8	105	80	10.0	90.0	0.0	0.0	20.0	10.0	10.5	7.5	70.0	82.1	40
132	2369	7	17	19	98	61.6	75.6	4.0	8.6	12.6	6.5	2.9	2.2	0.8	13.8	16.4	124	68	29.0	71.0	0.0	0.0	22.0	10.0	10.0	7.5	57.5	81.5	32
133	2379	7	15	17	100	57.8	66.2	3.8	17.0	20.8	6.2	3.0	2.1	5.8	20.4	16.5	132	54	21.6	78.4	0.0	0.0	19.0	10.0	10.0	7.0	61.8	64.7	30
134	2380	7	15	17	100	61.4	67.6	4.2	12.4	16.6	6.7	3.3	2.0	2.2	22.6	17.2	153	77	26.5	73.5	0.0	0.0	27.0	12.0	11.0	7.5	60.9	68.5	36
135	2383	7	17	19	100	53.4	62.6	4.0	5.6	9.6	5.7	3.0	1.9	4.6	19.0	14.5	129	76	10.5	89.5	0.0	0.0	22.0	11.0	9.5	6.0	54.2	66.7	35
136	2384	7	17	19	98	50.6	66.8	3.8	6.4	10.2	5.9	3.1	1.9	2.8	13.8	13.3	124	81	34.8	65.2	0.0	0.0	22.5	10.5	12.0	7.0	67.9	89.5	37
137	2385	7	16	18	99	56.4	68.0	3.8	5.0	8.8	6.3	3.1	2.0	0.4	20.0	19.4	190	70	28.0	72.0	0.0	0.0	19.0	11.0	10.0	7.0	62.9	79.5	35
138	2388	7	16	18	100	52.8	66.2	4.0	1.4	5.4	6.3	3.0	2.1	2.0	18.6	16.0	171	70	35.5	64.5	0.0	0.0	21.0	10.5	10.0	8.0	64.6	90.5	33
139	2389	7	16	18	100	52.6	66.6	4.0	10.2	14.2	5.4	2.7	2.0	4.8	24.2	16.2	158	69	19.8	80.2	0.0	0.0	22.0	10.0	11.0	7.5	69.0	81.0	36
140	2390	7	16	18	101	60.0	65.6	4.0	6.4	10.4	6.2	3.2	1.9	4.0	23.4	18.5	205	69	27.4	72.6	0.0	0.0	22.0	10.0	10.0	8.0	70.4	87.7	39
141	2392	7	15	17	98	65.4	73.2	4.0	3.0	7.0	5.9	2.9	2.0	1.8	17.8	18.4	147	67	21.3	78.7	0.0	0.0	22.0	10.0	10.0	7.0	65.0	66.7	30
142	2394	7	15	17	98	58.2	65.8	4.0	4.0	8.0	7.2	3.3	2.2	1.4	13.8	20.3	135	62	20.3	79.7	0.0	0.0	20.0	10.0	10.0	7.0	65.1	67.1	32
143	2397	7	16	18	100	63.6	71.6	3.2	6.2	9.4	7.2	3.3	2.2	3.4	15.2	16.5	124	68	30.3	69.7	0.0	0.0	20.0	12.0	11.0	8.0	53.9	70.3	36
144	2399	7	16	18	100	58.2	71.6	4.0	7.0	11.0	6.8	3.1	2.2	4.0	25.6	19.6	174	55	16.4	83.6	0.0	0.0	21.0	11.0	11.0	7.5	78.9	80.4	32
145	2400	7	16	18	102	49.4	66.0	4.0	8.6	12.6	6.1	3.0	2.0	3.2	14.0	7.9	73	61	21.4	78.6	0.0	0.0	19.5	10.5	10.0	7.0	60.5	76.9	30
146	2401	7	15	17	100	60.2	73.2	4.0	8.8	12.8	6.3	2.8	2.3	2.6	8.0	16.6	111	63	50.0	50.0	0.0	0.0	22.0	11.0	10.0	7.0	68.0	70.6	27
147	2402	7	15	17	100	66.2	75.4	4.0	12.0	16.0	6.3	2.5	2.5	1.2	14.0	9.8	100	56	57.1	42.9	0.0	0.0	20.0	10.5	11.0	7.0	64.1	80.0	32
148	2403	7	15	17	102	62.2	74.4	4.0	5.8	9.8	6.8	2.6	2.6	3.0	19.4	12.0	128	58	58.8	41.2	0.0	0.0	24.0	11.0	10.5	7.0	67.9	79.0	36
149	2406	7	14	16	98	51.0	70.0	3.8	4.4	8.2	7.0	3.0	2.3	3.2	24.4	28.2	213	79	19.7	45.1	35.2	0.0	26.0	10.5	11.0	7.0	57.3	68.2	33
150	2416	7	16	18	100	54.4	65.8	3.8	5.4	9.2	6.6	2.9	2.3	3.0	21.0	21.6	173	79	29.5	70.5	0.0	0.0	24.0	11.5	11.0	7.5	59.0	79.6	35

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
151	2417	--	ROBUT 33	ISR	VUL	4	2	0	3	1	2	+	2	2	2	2	3	7	3	11	1	1	1
152	2436	--	SIR OF BIJAPUR	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
153	2437	--	SIR OF DURGAPUR	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	3	5	3	11	2	1	1
154	2440	--	SPANISH	JPN	VUL	4	2	0	3	1	2	0	2	2	2	2	0	5	3	10	2	1	2
155	2442	--	SPANISH 5	USA	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	11	2	1	1
156	2445	--	SPANHOMA	USA	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	2
157	2448	--	STRAIN NO.5	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
158	2456	--	TEJA AMRA LOCAL	IND	VUL	4	2	0	3	1	1	+	2	2	2	3	0	5	3	11	2	1	2
159	2510	--	X 9-2B-25-B	IND	VUL	4	2	0	3	1	1	+	2	2	2	3	2	0	5	3	11	1	1
160	2529	--	26-5-11	IND	VUL	4	2	0	3	1	1	+	2	2	2	3	2	0	5	3	11	1	1
161	2536	--	27-13-1	IND	VUL	4	2	0	3	1	2	+	2	2	2	3	2	3	5	3	11	2	1
162	2538	--	28-5-11	UNK	VUL	4	2	0	3	1	1	0	2	2	2	3	2	3	5	3	11	2	1
163	2560	--	304-12-13-B	UNK	VUL	4	2	0	3	1	1	+	2	2	2	3	2	3	5	3	11	1	1
164	2573	--	A-20	UNK	VUL	4	2	0	5	1	2	0	2	2	2	3	2	3	5	3	11	1	1
165	2575	--	EC 126729	UNK	VUL	4	2	0	3	2	1	+	2	2	2	2	3	5	3	11	1	1	1
166	2582	--	OG 3-2-1	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
167	2585	--	SEL-1	IND	VUL	4	2	0	5	1	1	+	2	2	2	3	2	0	5	3	11	1	1
168	2586	--	SEL-2	IND	VUL	4	2	0	3	1	1	+	1	1	2	1	0	5	3	11	2	1	1
169	2588	--	SEL-4	IND	VUL	4	2	0	3	2	1	+	3	1	2	1	3	3	3	10	2	1	1
170	2637	--	AH 7204	SUN	VUL	4	2	0	5	1	1	0	2	2	3	2	0	5	3	11	1	1	1
171	2689	--	CULTURE NO.830	IND	VUL	4	2	0	5	1	1	0	2	2	2	3	2	3	5	3	11	1	1
172	2758	--	GA-119-20	USA	VUL	4	2	0	3	1	1	+	2	1	2	1	3	5	3	11	2	1	1
173	2968	--	AH 45	IND	VUL	4	2	0	3	1	1	0	2	2	2	3	2	3	5	5	11	2	1
174	3396	--	AH 32 B	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
175	3426	--	AH 814-20	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	2	1	1
176	3450	--	AH 3328	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	5	5	3	10	1	1	1
177	3466	--	AH 4515	IND	VUL	4	2	0	3	2	2	0	2	2	2	2	5	5	3	11	1	1	1
178	3491	--	AH 7125	MYA	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	1	1	1
179	3513	--	AH 7276	TZA	VUL	3	2	+	3	2	2	0	2	2	2	2	2	3	7	3	11	2	2
180	3522	--	AH 7319	CHN	VUL	4	2	0	3	1	1	+	2	2	2	3	2	3	3	3	11	1	1

No.	NRCCG	Quantitative traits																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
151	2417	7	16	18	98	54.6	61.4	4.0	2.6	6.6	6.3	2.9	2.2	0.4	13.2	7.2	64	65	48.5	51.5	0.0	0.0	21.0	10.0	10.0	10.0	7.0	62.8	74.1	34
152	2436	7	16	18	101	66.4	77.2	3.6	4.6	8.2	6.3	2.8	2.3	1.6	18.6	11.3	126	65	34.4	65.6	0.0	0.0	21.0	10.0	10.0	10.0	7.0	71.7	93.0	34
153	2437	7	17	19	103	65.6	75.2	4.0	6.6	10.6	6.8	2.9	2.3	1.6	18.8	11.1	143	60	25.5	74.5	0.0	0.0	20.5	10.0	10.0	10.0	7.5	66.1	86.5	26
154	2440	7	17	19	103	47.0	53.8	4.0	5.4	9.4	5.9	2.6	2.3	2.4	27.2	16.1	193	59	40.4	59.6	0.0	0.0	21.0	12.0	11.0	11.0	7.5	56.3	88.9	33
155	2442	7	16	18	103	48.6	52.0	3.8	1.8	5.6	6.8	3.0	2.3	1.4	4.4	13.3	148	64	45.5	54.5	0.0	0.0	20.0	10.5	10.0	10.0	7.0	68.7	90.0	30
156	2445	7	16	18	103	56.6	71.0	4.0	9.4	13.4	7.9	3.5	2.3	1.2	28.6	19.9	204	71	24.5	75.5	0.0	0.0	22.5	10.5	10.0	10.0	7.0	65.7	86.6	33
157	2448	7	16	18	102	55.2	59.6	3.8	2.8	6.6	6.7	2.9	2.3	3.0	8.4	16.0	184	67	28.6	71.4	0.0	0.0	20.0	10.0	11.0	11.0	7.0	64.3	75.6	30
158	2456	7	15	17	103	59.2	76.8	3.8	7.6	11.4	6.7	3.0	2.2	1.8	23.8	18.2	202	83	37.8	62.2	0.0	0.0	25.0	11.5	11.0	11.0	7.0	60.6	96.7	41
159	2510	7	16	18	102	57.4	65.0	4.0	8.2	12.2	6.6	3.0	2.2	2.0	14.0	11.0	127	59	21.4	78.6	0.0	0.0	21.0	10.0	10.5	10.5	8.0	68.3	71.4	29
160	2529	7	16	18	100	60.6	69.6	3.6	9.2	12.8	6.3	2.9	2.2	2.0	22.4	14.5	187	67	17.9	82.1	0.0	0.0	21.5	10.0	10.5	10.5	8.0	68.0	76.5	33
161	2536	7	16	18	100	63.8	73.0	3.8	4.8	8.6	6.5	3.0	2.2	2.6	15.0	11.9	148	80	17.3	82.7	0.0	0.0	22.5	10.0	11.0	11.0	7.0	70.0	83.3	34
162	2538	7	16	18	102	61.4	75.2	3.8	8.2	12.0	6.0	2.9	2.1	2.4	15.0	12.8	154	67	29.3	70.7	0.0	0.0	21.0	10.5	11.0	11.0	7.0	70.0	85.7	32
163	2560	7	16	18	100	62.0	68.4	4.0	12.8	16.8	6.6	3.0	2.2	3.4	29.2	16.0	185	57	16.4	83.6	0.0	0.0	20.0	10.0	11.0	11.0	7.5	62.6	73.5	28
164	2573	7	17	19	100	51.4	64.0	3.6	7.4	11.0	7.3	3.0	2.4	2.6	23.8	11.3	131	53	34.5	65.5	0.0	0.0	22.5	10.0	11.0	11.0	6.5	65.1	71.0	30
165	2575	7	17	19	100	65.2	76.6	4.0	6.4	10.4	6.5	3.0	2.2	1.6	17.2	11.3	136	62	27.9	72.1	0.0	0.0	20.0	10.5	10.0	10.0	7.0	67.9	72.2	30
166	2582	7	17	19	100	56.2	63.4	4.0	4.8	8.8	6.6	2.9	2.3	4.0	17.8	10.8	120	80	13.5	86.5	0.0	0.0	24.0	11.0	11.0	11.0	8.0	69.0	81.6	34
167	2585	7	15	17	100	60.4	69.0	3.6	5.6	9.2	5.8	2.7	2.1	3.4	18.2	10.9	126	56	15.4	84.6	0.0	0.0	20.0	10.0	10.0	10.0	7.5	62.8	71.9	30
168	2586	8	14	16	105	37.4	55.0	3.8	12.8	16.6	6.3	3.2	2.0	3.4	5.6	5.7	46	54	28.6	71.4	0.0	0.0	18.5	10.0	10.0	10.0	7.0	68.2	86.7	28
169	2588	7	15	17	100	51.8	55.8	3.6	7.8	11.4	6.3	3.0	2.1	3.2	28.4	16.8	216	69	28.9	71.1	0.0	0.0	20.5	11.0	11.0	11.0	8.0	70.4	88.4	32
170	2637	7	20	22	98	62.0	73.6	4.0	9.8	13.8	6.5	2.8	2.3	2.2	25.2	24.7	176	65	23.0	77.0	0.0	0.0	21.5	10.5	10.0	10.0	7.0	51.2	90.5	30
171	2689	7	16	18	102	66.2	77.8	4.0	5.6	9.6	6.6	2.8	2.4	1.4	17.6	10.9	121	53	34.1	65.9	0.0	0.0	21.0	10.0	10.5	10.5	7.0	68.1	83.1	34
172	2758	7	17	19	100	69.8	80.0	4.0	9.0	13.0	6.7	2.9	2.3	2.2	19.4	14.8	164	80	23.7	76.3	0.0	0.0	21.0	10.0	10.5	10.5	7.0	75.6	79.0	32
173	2968	7	16	19	103	66.6	71.4	4.0	6.8	10.8	6.2	2.8	2.2	1.8	15.2	10.5	126	66	25.0	75.0	0.0	0.0	21.0	10.0	11.0	11.0	8.0	68.0	82.3	32
174	3396	7	17	19	100	60.6	69.4	4.0	5.0	9.0	6.8	2.8	2.4	2.0	25.0	10.3	128	55	20.8	79.2	0.0	0.0	21.0	10.0	10.0	10.0	7.0	73.9	82.3	31
175	3426	7	16	18	103	57.6	65.4	4.0	5.2	9.2	6.1	2.4	2.5	1.4	9.6	10.3	96	60	12.5	87.5	0.0	0.0	22.0	10.0	11.0	11.0	7.0	67.9	84.3	31
176	3450	7	16	18	100	57.0	71.3	4.0	9.2	13.2	6.3	2.7	2.3	1.8	17.0	12.8	136	69	42.6	57.4	0.0	0.0	21.5	10.0	11.0	11.0	7.5	63.8	96.7	34
177	3466	7	17	19	103	55.6	72.2	4.0	9.8	13.8	6.6	2.6	2.5	2.4	26.8	13.6	120	54	26.9	73.1	0.0	0.0	20.5	10.0	10.5	10.5	7.5	66.7	85.4	30
178	3491	7	17	19	100	56.2	61.0	4.0	10.4	14.4	6.2	2.8	2.2	3.8	9.8	13.2	164	159	73.5	26.5	0.0	0.0	20.0	10.5	10.0	10.0	7.0	66.7	69.2	32
179	3513	7	17	19	100	58.0	70.6	4.0	8.0	12.0	6.8	3.1	2.2	1.6	10.6	11.0	142	92	39.6	60.4	0.0	0.0	27.0	11.0	10.5	10.5	6.5	71.4	88.6	40
180	3522	7	16	18	100	47.6	60.4	4.0	4.0	8.0	6.0	2.7	2.2	2.4	17.8	11.6	144	81	32.6	67.4	0.0	0.0	20.0	11.0	10.0	10.0	7.0	69.4	84.0	34

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
181	3533	--	AH 7372	MDG	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
182	3539	--	AH 7981	UNK	VUL	4	2	0	3	2	1	0	2	2	2	2	3	3	3	11	1	1	1
183	3540	171	AH 7983	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	10	1	1	1
184	3543	--	AH 49114	UNK	VUL	4	2	+	3	1	2	0	2	2	2	2	0	3	3	11	1	1	1
185	3544	--	AH 2-31-14-1-14	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	3	7	3	11	1	1	1
186	3546	--	AK-8-11	IND	VUL	4	2	0	1	2	1	0	1	2	2	2	3	7	3	11	1	1	1
187	3551	--	B	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	0	3	3	11	1	1	1
188	3554	--	BUTANI-9	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
189	3562	--	CULTURE NO.715	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	2	1	2
190	3566	--	DORMANT ERECT	IND	VUL	4	2	0	3	1	1	0	2	1	1	1	3	5	3	11	2	1	1
191	3585	--	KOU-PI-HUA-SENG	CHN	VUL	4	2	0	3	1	1	+	1	1	2	1	0	3	3	11	1	1	1
192	3680	--	ENGOURZAN	ZAR	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	1	1	1
193	3684	--	EXOTIC-1-1	UNK	VUL	4	2	0	3	1	1	0	1	2	2	2	0	5	3	11	1	1	1
194	3685	--	EXOTIC-3-5	UNK	VUL	4	3	0	5	1	1	0	2	2	3	2	0	5	3	10	1	1	1
195	3686	--	EXOTIC-4	UNK	VUL	4	2	+	5	1	1	+	2	1	2	1	3	7	3	11	2	1	1
196	3703	--	G-64-403	IND	VUL	4	2	0	3	2	2	0	2	2	2	2	3	5	3	10	1	1	1
197	3706	--	G-64-838	IND	VUL	4	3	0	5	1	1	0	2	2	3	2	3	5	3	10	2	1	1
198	3707	--	G-64-1038	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	5	3	11	1	1	1
199	3710	--	G-969	IND	VUL	4	2	+	5	1	2	+	2	2	3	2	3	3	3	11	1	1	1
200	3720	--	GO-171-A	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	0	5	3	11	1	1	1
201	3744	--	IARI-687	IND	VUL	4	2	0	3	2	1	+	1	2	2	2	3	5	3	10	2	1	1
202	3745	--	IMPROVED SPANISH PEANUT	ISR	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
203	3764	--	KHAMMAN	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	7	3	11	1	1	1
204	3768	--	KOP NO.3	IND	VUL	4	2	0	3	1	1	+	2	1	2	1	3	5	3	11	1	1	1
205	3775	--	LOCAL BUNCH	IND	VUL	4	2	0	5	1	1	0	2	2	2	2	3	5	3	11	2	1	1
206	3778	--	MANI BLANCO	ARG	VUL	4	2	0	3	1	1	0	2	2	2	2	0	3	3	11	1	1	1
207	3784	--	MANFREDI-107	ARG	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	10	1	1	1
208	3787	--	MGS-7	IND	VUL	4	2	0	5	2	1	+	1	2	3	2	3	5	5	11	2	1	1
209	3803	--	NG-387-A	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
210	3812	--	NO.274	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	13	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
181	3533	7	15	17	98	66.0	71.0	4.0	4.8	8.8	7.0	3.1	2.3	2.6	20.4	13.6	169	59	32.4	67.6	0.0	0.0	22.0	10.0	11.0	7.5	53.3	69.0	31
182	3539	7	20	22	100	60.8	77.6	4.0	11.0	15.0	7.2	3.3	2.2	3.8	28.4	11.4	126	57	20.4	79.6	0.0	0.0	20.0	10.0	10.0	7.0	67.9	70.9	30
183	3540	7	20	22	99	54.2	62.2	4.0	4.6	8.6	6.3	2.7	2.3	4.4	18.2	18.8	92	60	28.6	71.4	0.0	0.0	19.0	10.0	10.0	7.0	63.6	80.0	32
184	3543	7	15	18	100	78.6	79.4	4.0	2.0	6.0	6.8	3.0	2.3	2.2	17.8	14.4	134	64	21.3	78.7	0.0	0.0	23.0	10.0	10.0	6.5	68.4	82.0	30
185	3544	7	16	18	100	54.8	66.0	4.0	0.6	4.6	6.4	2.6	2.5	1.8	10.4	17.1	129	46	46.2	53.8	0.0	0.0	23.0	10.5	10.0	7.5	70.8	82.3	28
186	3546	7	17	19	99	54.0	67.6	4.0	3.2	7.2	6.3	2.9	2.2	1.4	21.2	22.4	169	75	32.1	67.9	0.0	0.0	23.0	11.5	10.0	7.0	70.9	89.3	38
187	3551	7	16	18	98	60.8	71.4	4.0	10.2	14.2	6.0	2.7	2.2	2.2	23.8	24.7	187	59	31.1	68.9	0.0	0.0	21.5	10.0	11.0	7.5	71.4	92.0	29
188	3554	7	16	18	98	67.4	75.4	4.0	4.4	8.4	6.3	2.5	2.5	2.4	12.8	13.0	144	77	18.8	81.3	0.0	0.0	23.0	10.0	10.0	7.0	55.1	88.9	36
189	3562	7	17	19	100	57.8	69.6	4.0	3.8	7.8	6.5	2.9	2.2	2.6	19.6	12.2	136	61	26.5	73.5	0.0	0.0	21.0	10.0	10.0	7.5	58.3	71.4	30
190	3566	7	15	17	98	69.2	72.6	4.0	4.8	8.8	6.9	2.9	2.4	2.2	20.0	13.4	161	68	21.0	79.0	0.0	0.0	21.0	10.0	10.0	7.0	55.9	73.7	28
191	3585	7	15	17	100	55.2	65.6	4.0	1.8	5.8	7.1	3.2	2.2	0.0	13.6	13.6	120	68	20.6	79.4	0.0	0.0	24.0	11.0	10.0	7.0	65.2	76.7	32
192	3680	7	16	18	103	59.4	70.0	4.0	16.0	20.0	6.7	3.1	2.2	2.8	22.4	24.6	164	76	21.4	78.6	0.0	0.0	22.0	10.0	10.0	6.5	61.2	76.7	26
193	3684	7	20	22	98	47.0	64.6	4.6	7.8	12.4	6.8	2.9	2.3	3.2	18.2	18.2	121	54	17.6	82.4	0.0	0.0	20.0	10.0	10.0	7.0	68.2	77.8	32
194	3685	7	17	19	100	64.6	73.0	4.0	6.0	10.0	6.3	3.0	2.1	1.6	22.4	12.4	148	59	25.0	75.0	0.0	0.0	20.0	10.0	10.0	7.0	68.2	77.8	32
195	3686	7	16	18	98	52.8	61.4	4.0	16.8	20.8	5.5	3.0	1.8	1.8	12.8	14.2	101	100	37.5	62.5	0.0	0.0	25.0	11.0	10.0	9.0	68.8	90.9	35
196	3703	7	16	18	98	52.8	68.4	4.0	5.6	9.6	6.2	2.7	2.3	4.0	18.8	17.9	80	82	16.0	84.0	0.0	0.0	24.0	11.0	10.0	7.0	59.7	93.5	32
197	3706	7	16	18	100	64.6	71.2	4.0	6.6	10.6	5.4	3.0	1.8	2.2	11.6	10.1	112	81	41.4	58.6	0.0	0.0	23.0	10.5	11.0	7.5	57.5	66.7	36
198	3707	7	14	17	100	63.0	69.8	4.0	2.0	6.0	6.5	3.0	2.2	2.2	18.8	17.2	191	61	30.9	69.1	0.0	0.0	22.0	10.0	11.0	7.0	66.7	79.0	30
199	3710	7	14	17	100	59.4	70.0	4.0	15.4	19.4	6.3	3.0	2.1	3.0	18.0	14.1	138	67	23.3	76.7	0.0	0.0	21.5	11.0	10.0	7.0	60.0	72.2	30
200	3720	7	15	17	100	60.2	70.4	4.0	4.8	8.8	6.5	2.9	2.2	2.2	17.6	13.5	144	65	79.5	20.5	0.0	0.0	20.0	10.0	10.5	7.0	57.9	72.4	29
201	3744	7	15	17	100	51.8	63.6	4.4	3.0	7.4	6.4	2.9	2.2	0.2	17.4	12.7	135	68	13.8	86.2	0.0	0.0	20.0	10.0	10.0	7.0	74.6	84.1	27
202	3745	7	15	17	98	59.4	69.4	4.0	6.0	10.0	6.2	2.7	2.3	0.6	22.0	15.4	151	59	18.2	81.8	0.0	0.0	22.0	10.5	11.0	7.0	60.0	66.4	28
203	3764	7	17	19	98	60.0	68.6	4.0	4.4	8.4	6.4	3.0	2.1	1.4	12.0	16.4	124	78	21.7	78.3	0.0	0.0	21.5	10.0	10.0	7.0	66.0	74.2	32
204	3768	7	15	17	98	63.2	71.2	4.0	11.6	15.6	6.7	2.9	2.3	1.2	6.6	9.1	113	60	66.7	33.3	0.0	0.0	20.0	10.0	10.0	7.0	70.5	85.5	28
205	3775	7	16	18	102	59.8	63.6	4.2	9.6	13.8	7.0	3.2	2.2	5.2	20.6	20.0	178	78	25.2	74.8	0.0	0.0	23.0	11.0	12.0	8.0	60.0	75.0	35
206	3778	7	15	17	99	51.6	60.8	3.8	9.8	13.6	5.4	2.9	1.9	4.0	27.2	11.4	141	71	20.6	79.4	0.0	0.0	20.5	11.0	10.0	8.0	68.8	87.9	38
207	3784	7	16	18	102	50.6	67.2	4.0	10.6	14.6	7.1	3.2	2.2	3.4	22.6	16.2	136	53	22.1	77.9	0.0	0.0	24.0	10.0	10.5	7.0	63.3	68.3	30
208	3787	8	16	18	102	50.2	61.0	4.0	4.8	8.8	5.5	2.5	2.2	5.0	17.2	9.9	114	58	34.9	65.1	0.0	0.0	21.5	10.0	11.0	7.0	64.0	81.3	35
209	3803	7	16	18	100	53.6	71.2	4.0	11.2	15.2	6.0	2.8	2.1	6.8	16.2	8.6	96	49	25.9	74.1	0.0	0.0	19.5	10.5	10.0	7.5	60.0	74.2	27
210	3812	7	16	18	98	55.0	63.4	4.0	4.0	8.0	6.0	2.6	2.3	1.8	13.8	9.9	106	80	20.3	79.7	0.0	0.0	24.5	10.5	11.0	7.0	54.5	80.0	34

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
211	3817	--	NO.418	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
212	3823	--	NO.923	UNK	VUL	4	2	0	3	2	1	0	2	2	2	2	3	5	3	11	1	1	1
213	3825	--	NO.1025	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	11	1	1	1	1
214	3827	--	NO.1841	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	11	1	1	1	1
215	3828	--	NO.1842	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	11	1	1	1	1
216	3834	--	NO.2796	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
217	3836	--	NO.3275	UNK	VUL	4	2	+	3	2	1	+	1	1	2	1	5	5	3	11	2	2	2
218	3845	--	NO.7158	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
219	3869	--	RS 6	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	1	1	1
220	3883	--	S-275	IND	VUL	4	2	0	5	1	2	+	1	2	2	2	3	5	5	11	2	1	1
221	3888	--	SIR OF BIJAPUR	IND	VUL	4	2	+	3	1	2	+	2	2	2	2	5	9	5	17	2	1	2
222	3895	--	SPANISH 191-1	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	11	1	1	1	1
223	3900	--	SALEBHAI BIJAPUR	IND	VUL	4	2	+	5	2	1	+	2	2	2	2	3	3	11	2	1	2	1
224	3902	--	T-60	IND	VUL	4	2	0	3	1	2	0	2	2	3	2	3	7	5	11	2	1	1
225	3978	--	U-4-4-18	IND	VUL	4	2	0	1	1	2	0	2	2	2	2	0	5	3	11	1	1	1
226	4033	--	USA 91	USA	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	5	13	2	1	2
227	4049	--	YOU-KG-CHY	USA	VUL	4	2	0	5	2	1	0	2	1	3	1	3	5	3	11	1	1	1
228	4054	--	3-2	UNK	VUL	4	2	0	3	1	2	0	2	2	3	2	3	5	3	11	1	1	1
229	4065	--	20-3-3	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	0	5	3	11	2	1	1
230	4088	--	32-4-2	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	1	1	1
231	4098	--	73-227	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
232	4100	--	221-141-4	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	10	2	1	2
233	4102	--	274	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	0	3	11	1	1	1	1
234	4110	--	K-71	UNK	VUL	4	2	+	3	2	1	+	2	2	3	2	3	5	3	11	1	1	1
235	4113	--	NO.3276	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	11	1	1	1	1
236	4115	--	NO.419	UNK	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	11	1	1	1
237	4119	--	NO.417	UNK	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
238	4120	--	948	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	0	5	3	11	1	1	1
239	4121	--	45-23	UNK	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	1	1	1
240	4130	--	266	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	11	1	1	1	1

Quantitative traits

No.	NRCG	Quantitative traits																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
211	3817	7	16	18	103	52.6	71.0	3.8	7.6	11.4	6.4	2.9	2.2	2.8	22.0	18.5	164	64	23.6	76.4	0.0	0.0	21.0	10.0	10.0	10.0	7.5	60.0	69.0	32
212	3823	7	16	18	101	52.6	64.6	3.8	13.4	17.2	6.7	3.0	2.2	4.4	26.0	21.7	183	63	26.9	73.1	0.0	0.0	22.0	11.0	10.5	7.5	67.1	78.2	33	
213	3825	8	15	17	99	66.0	72.2	4.0	8.0	12.0	5.4	2.4	2.3	2.2	19.8	17.4	171	68	16.2	83.8	0.0	0.0	20.5	10.5	10.0	7.0	62.7	78.6	28	
214	3827	7	15	17	99	67.4	75.4	3.8	11.4	15.2	6.5	2.8	2.3	3.0	16.4	15.5	117	62	20.7	79.3	0.0	0.0	19.5	10.0	10.0	7.0	52.9	85.2	28	
215	3828	7	16	18	99	73.0	75.4	3.4	10.4	13.8	6.7	2.9	2.3	2.6	18.0	17.3	146	67	16.7	83.3	0.0	0.0	20.1	10.0	10.5	7.5	65.0	76.9	29	
216	3834	7	15	17	99	59.8	69.6	3.4	15.2	18.6	7.6	3.1	2.5	2.4	10.4	12.2	119	77	25.0	67.3	7.7	0.0	26.0	10.5	12.0	6.5	52.5	76.2	32	
217	3836	7	17	19	100	55.6	71.6	4.0	7.6	11.6	6.5	3.2	2.0	3.4	25.0	16.8	164	70	25.6	74.4	0.0	0.0	22.0	11.0	11.0	7.0	64.8	89.5	34	
218	3845	7	17	19	100	63.8	72.4	3.8	5.6	9.4	7.3	3.4	2.1	2.6	21.6	12.3	131	59	14.8	85.2	0.0	0.0	24.0	11.0	10.0	7.0	67.2	72.1	27	
219	3869	7	16	18	100	55.3	61.0	3.5	7.2	10.7	7.0	3.1	2.3	3.8	14.3	14.7	124	74	29.8	70.2	0.0	0.0	22.5	11.0	10.5	7.5	71.4	86.7	35	
220	3883	7	14	17	100	58.2	66.8	4.0	10.0	14.0	5.8	2.7	2.1	5.0	13.2	8.2	62	61	51.5	48.5	0.0	0.0	20.0	10.0	10.0	7.0	62.5	72.0	36	
221	3888	7	16	18	101	76.4	74.4	3.8	6.8	10.6	6.5	2.9	2.2	1.6	15.4	10.3	124	56	24.7	75.3	0.0	0.0	21.5	10.0	10.5	7.0	67.4	93.1	26	
222	3895	7	16	18	100	59.8	69.4	4.0	6.6	10.6	7.1	2.8	2.5	2.4	14.2	13.1	128	85	16.9	33.8	49.3	0.0	25.5	11.0	10.5	7.0	66.7	77.5	29	
223	3900	7	16	18	102	57.0	66.8	4.0	9.0	13.0	6.3	3.0	2.1	3.5	18.3	13.0	139	56	19.2	80.8	0.0	0.0	22.5	10.0	11.0	7.0	73.2	69.3	32	
224	3902	7	17	19	100	47.0	57.4	4.0	5.8	9.8	7.1	3.1	2.3	2.2	18.4	17.8	190	66	21.7	78.3	0.0	0.0	20.0	10.5	10.5	7.5	57.4	77.1	34	
225	3978	7	16	18	98	67.0	82.0	4.0	5.2	9.2	6.2	2.9	2.1	4.0	18.8	8.1	90	77	36.2	63.8	0.0	0.0	22.5	12.0	11.0	7.0	56.9	82.9	42	
226	4033	7	15	17	103	67.6	73.4	3.4	6.0	9.4	6.3	3.0	2.1	1.4	21.8	15.0	173	64	43.1	56.9	0.0	0.0	19.0	10.0	10.0	7.5	62.9	90.9	30	
227	4049	7	16	18	102	58.2	64.8	3.6	11.0	14.6	6.7	2.8	2.4	2.4	19.6	14.1	156	59	33.7	66.3	0.0	0.0	22.0	10.0	11.0	7.5	70.7	75.6	32	
228	4054	7	15	17	102	65.4	82.0	3.6	8.4	12.0	6.4	3.0	2.1	3.0	21.8	14.8	152	59	35.8	64.2	0.0	0.0	23.0	11.0	11.0	7.5	70.3	91.1	33	
229	4065	7	16	18	100	54.4	60.0	3.6	2.4	6.0	5.5	2.5	2.2	1.2	8.8	12.2	108	82	13.6	86.4	0.0	0.0	22.0	12.0	10.0	7.5	69.4	80.0	35	
230	4088	7	16	18	99	53.6	63.0	4.0	2.4	6.4	5.8	2.5	2.3	2.6	12.4	17.3	92	68	30.6	69.4	0.0	0.0	21.0	10.0	11.0	7.5	54.8	75.2	30	
231	4098	7	17	19	102	58.2	72.0	4.2	6.4	10.6	6.8	2.9	2.3	1.2	24.0	12.6	135	66	41.7	58.3	0.0	0.0	20.0	10.5	10.0	7.0	74.0	85.0	34	
232	4100	7	16	18	102	55.8	69.2	3.8	8.0	11.8	6.0	3.0	2.0	3.0	12.6	12.6	123	60	28.6	71.4	0.0	0.0	20.0	10.0	10.0	7.0	71.0	88.9	29	
233	4102	8	15	17	100	43.8	58.2	4.0	15.0	19.0	6.0	2.6	2.3	4.2	18.2	11.9	84	71	19.8	65.9	14.3	0.0	22.5	11.0	10.0	7.0	63.1	80.5	34	
234	4110	7	17	19	100	53.2	68.0	4.0	9.6	13.6	7.2	3.0	2.4	2.4	17.6	13.8	116	57	30.7	69.3	0.0	0.0	22.0	10.0	10.5	6.5	62.0	74.5	27	
235	4113	7	17	19	100	62.0	72.0	3.8	5.4	9.2	6.3	2.9	2.2	2.8	22.6	18.7	149	64	29.2	70.8	0.0	0.0	23.0	11.0	10.0	7.0	70.8	74.5	32	
236	4115	7	16	18	100	55.2	64.6	4.0	7.8	11.8	6.5	2.8	2.3	1.2	19.2	10.2	109	68	19.8	80.2	0.0	0.0	22.0	11.0	10.0	7.0	66.2	74.4	32	
237	4119	7	17	19	100	47.8	57.4	3.8	8.8	12.6	7.5	3.2	2.3	2.6	19.6	16.9	157	76	18.4	81.6	0.0	0.0	24.0	12.0	10.0	8.0	58.1	79.1	29	
238	4120	7	16	18	103	59.4	68.0	3.8	10.8	14.6	6.8	2.8	2.4	2.6	26.4	14.8	151	64	30.3	69.7	0.0	0.0	20.0	10.0	10.5	6.5	66.7	75.0	34	
239	4121	7	17	19	100	61.8	74.4	4.2	14.6	18.8	6.8	2.8	2.4	2.8	18.2	20.2	153	58	23.1	76.9	0.0	0.0	20.0	9.5	10.0	7.0	60.4	81.3	32	
240	4130	7	16	18	103	57.8	62.8	3.2	9.4	12.6	5.5	2.2	2.5	3.8	17.4	13.3	141	60	25.3	74.7	0.0	0.0	22.5	11.0	10.5	7.0	63.3	76.3	32	

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
241	4134	--	48-115	CIV	VUL	4	2	0	3	1	1	0	1	2	3	2	3	5	3	11	2	1	1
242	4138	--	57-G-37-A	IND	VUL	3	2	0	3	1	2	0	2	2	3	2	0	7	5	13	2	1	2
243	4261	--	KISAN	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
244	4331	--	NFG 403	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	3	3	3	10	2	1	1
245	4502	7233	WCG COLL.NO.185	PER	VUL	4	3	+	3	1	1	+	2	2	2	2	0	3	3	11	2	1	1
246	5036	--	TG 14	IND	VUL	4	2	0	3	1	1	+	2	1	2	1	3	7	3	10	2	1	2
247	5070	--	R 7/47/11	SDN	VUL	4	2	0	5	1	1	0	3	2	3	2	3	5	3	11	1	1	1
248	5112	2718	EC 76448(334)	UGA	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	1	1	1
249	5114	--	EXOTIC-3-5	UNK	VUL	4	2	0	3	1	1	0	1	2	3	2	3	3	3	11	1	1	1
250	5122	--	G-64-206	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	3	3	11	2	1	1
251	5131	--	EC 9	UNK	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	1	1	1
252	5132	--	LARGE-687	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	5	5	5	11	2	1	1
253	5133	--	LARGE-731	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
254	5136	--	JH 24	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	7	3	11	1	1	1
255	5137	--	JH 25	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	9	3	10	1	1	1
256	5147	--	MUKUF BOMB	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	10	1	1	1
257	5151	--	CG-11-33	UNK	VUL	4	2	0	3	1	1	0	1	2	3	2	3	5	5	11	2	1	1
258	5200	--	SELECTION 1	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	0	5	3	11	1	1	1
259	5201	--	SELECTION 2	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	0	3	3	11	2	1	1
260	5202	--	SELECTION 3	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	2	1	1
261	5234	--	S-7-4-5	SDN	VUL	4	2	0	3	1	1	+	3	2	2	2	0	3	5	10	2	1	2
262	5252	--	U-4-4-7	IND	VUL	4	2	0	3	1	2	+	1	2	2	2	5	3	3	11	2	1	2
263	5253	--	U-4-4-8	ZAF	VUL	4	2	0	3	2	2	+	1	1	2	1	5	3	3	11	2	1	1
264	5257	--	U-4-4-19	ZAR	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	2	1	1
265	5271	--	U-4-7-3	NGA	VUL	4	2	+	5	1	1	0	2	2	3	2	3	5	3	11	2	1	1
266	5272	--	U-4-7-5	USA	VUL	4	2	0	3	1	1	0	2	1	3	1	3	5	3	11	1	1	1
267	5273	--	U-4-7-7	USA	VUL	4	2	0	3	1	1	0	2	2	3	2	3	3	3	11	2	1	1
268	5275	5195	U-4-7-15	SDN	VUL	4	2	0	5	1	2	0	1	2	3	2	3	5	3	11	1	1	1
269	5283	--	U-4-47-6	SDN	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	1	1	1
270	5285	--	U-4-47-12	AUS	VUL	4	2	0	3	1	1	+	1	2	2	2	0	7	3	11	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
241	4134	7	17	19	100	52.0	67.6	3.8	6.8	10.6	5.8	2.7	2.1	6.6	16.8	13.1	134	66	39.3	60.7	0.0	0.0	25.0	10.5	10.0	7.5	58.0	79.3	34
242	4138	7	17	19	100	46.2	55.0	3.8	8.2	12.0	6.0	2.8	2.1	3.2	25.0	21.0	187	81	36.0	64.0	0.0	0.0	24.0	12.0	11.0	7.0	65.3	89.4	38
243	4261	7	17	19	100	58.6	66.6	4.0	7.2	11.2	6.8	3.1	2.2	2.2	12.2	12.4	121	67	18.0	82.0	0.0	0.0	22.5	10.0	11.0	7.0	75.6	87.1	34
244	4331	7	16	18	103	50.0	59.8	4.3	17.0	21.3	6.9	3.3	2.1	4.8	26.0	7.8	76	45	31.7	68.3	0.0	0.0	20.0	10.0	10.0	7.0	72.3	73.5	28
245	4502	7	19	21	105	65.2	70.6	4.0	13.4	17.4	6.4	2.9	2.2	1.2	11.0	11.4	117	93	27.3	72.7	0.0	0.0	23.0	11.0	10.0	8.0	66.7	88.2	36
246	5036	7	16	18	99	58.0	67.4	3.8	2.8	6.6	6.3	2.7	2.3	2.0	15.2	13.9	154	95	31.6	68.4	0.0	0.0	25.0	11.0	13.0	7.0	63.9	80.4	44
247	5070	7	16	18	102	46.6	62.8	3.8	8.2	12.0	6.2	3.0	2.1	3.2	15.6	12.3	87	59	56.4	43.6	0.0	0.0	20.0	10.0	11.0	7.5	53.8	72.7	34
248	5112	7	16	18	98	61.2	73.6	3.8	8.4	12.2	7.6	3.3	2.3	3.0	26.0	23.1	226	75	17.7	82.3	0.0	0.0	23.5	11.0	10.0	8.0	72.2	74.3	38
249	5114	7	16	18	100	60.8	69.0	3.8	2.6	6.4	6.6	3.0	2.2	2.8	14.8	12.0	139	69	28.4	71.6	0.0	0.0	22.4	11.0	10.0	8.0	64.7	75.8	35
250	5122	7	17	19	103	69.8	74.3	4.0	10.0	14.0	7.0	3.1	2.3	1.5	17.8	15.9	155	63	29.6	70.4	0.0	0.0	22.0	10.0	11.0	8.0	66.7	80.0	32
251	5131	7	17	18	102	60.6	69.6	3.8	8.8	12.6	6.9	2.6	2.6	5.0	19.2	12.6	140	70	27.1	72.9	0.0	0.0	22.0	10.5	11.0	7.5	54.8	76.7	34
252	5132	7	15	17	100	62.4	68.4	4.0	4.8	8.8	7.1	3.1	2.3	1.4	11.6	12.6	124	66	36.2	56.9	6.9	0.0	23.0	11.0	10.0	7.0	55.3	72.4	28
253	5133	7	16	18	102	59.6	69.4	4.0	5.6	9.6	6.5	3.1	2.1	1.0	13.0	18.4	164	100	35.4	64.6	0.0	0.0	23.5	11.0	11.0	7.5	69.2	72.2	34
254	5136	7	15	17	98	58.8	69.2	4.0	5.0	9.0	6.3	2.7	2.3	1.0	19.6	16.2	173	82	22.4	77.6	0.0	0.0	22.0	10.5	10.0	7.0	61.3	87.8	39
255	5137	7	14	16	102	61.0	71.0	3.6	2.6	6.2	6.5	2.9	2.2	1.6	12.0	13.1	128	78	30.0	70.0	0.0	0.0	20.0	10.0	10.0	7.0	68.1	84.4	35
256	5147	7	16	18	98	61.8	68.0	4.0	5.2	9.2	7.2	3.1	2.3	1.0	9.4	7.5	90	64	17.0	83.0	0.0	0.0	22.0	10.0	10.0	7.5	60.0	74.4	30
257	5151	7	16	18	103	59.2	78.0	3.8	4.0	7.8	6.8	3.0	2.3	2.4	22.4	16.0	164	71	17.0	83.0	0.0	0.0	21.0	11.0	10.0	7.5	70.0	71.4	35
258	5200	7	16	18	102	60.8	67.0	4.0	2.2	6.2	5.6	2.8	2.0	2.0	13.8	8.8	102	65	20.3	79.7	0.0	0.0	21.0	10.0	10.5	7.0	64.4	93.1	28
259	5201	7	15	17	107	67.5	77.8	3.8	8.6	12.4	6.6	2.7	2.4	1.0	18.8	18.8	184	80	26.7	73.3	0.0	0.0	21.0	10.5	10.0	7.0	66.7	72.5	35
260	5202	7	16	18	100	65.6	76.4	4.0	6.0	10.0	6.8	3.1	2.2	0.4	19.8	15.4	192	74	22.2	77.8	0.0	0.0	24.0	12.0	10.5	7.5	74.0	92.6	35
261	5234	7	18	20	105	71.2	86.6	4.0	1.4	5.4	6.3	2.6	2.4	2.2	14.8	18.1	136	89	18.9	81.1	0.0	0.0	21.5	12.0	11.0	7.5	65.2	86.0	40
262	5252	7	17	19	103	49.4	62.0	3.8	2.8	6.6	7.0	3.0	2.3	1.0	8.6	8.8	98	93	18.6	81.4	0.0	0.0	24.0	11.0	13.0	7.0	65.0	73.1	37
263	5253	7	17	19	100	49.8	57.6	4.0	3.6	7.6	6.4	2.8	2.3	1.4	5.6	9.0	100	100	57.1	42.9	0.0	0.0	21.0	10.0	10.0	7.0	64.3	83.3	37
264	5257	7	17	19	105	42.6	51.8	4.0	4.6	8.6	6.9	3.0	2.3	3.4	8.8	6.5	76	70	50.0	50.0	0.0	0.0	22.0	11.0	11.0	7.0	64.5	70.0	36
265	5271	7	16	18	98	60.6	70.6	3.8	5.6	9.4	6.2	2.8	2.2	1.4	20.8	17.0	151	67	17.3	82.7	0.0	0.0	21.5	10.0	10.0	7.0	60.0	81.0	30
266	5272	7	17	19	105	47.2	61.4	3.8	5.6	9.4	6.2	2.9	2.1	3.4	16.2	6.1	71	70	38.3	61.7	0.0	0.0	24.0	12.0	11.0	7.0	57.9	75.8	38
267	5273	7	20	22	102	54.4	68.4	4.0	5.0	9.0	6.5	2.8	2.3	2.8	15.0	13.9	124	51	33.3	66.7	0.0	0.0	20.0	9.5	10.0	7.0	63.2	83.3	28
268	5275	7	18	20	98	51.0	60.6	4.0	9.6	13.6	6.3	2.8	2.3	2.8	12.8	8.2	88	78	21.9	78.1	0.0	0.0	21.0	10.5	10.5	7.0	60.0	80.0	32
269	5283	7	15	18	100	47.2	59.2	4.0	2.8	6.8	5.5	2.5	2.2	1.0	17.2	12.4	144	69	24.4	75.6	0.0	0.0	22.0	10.5	11.0	7.0	62.7	91.9	34
270	5285	7	17	19	100	48.6	63.0	4.0	5.0	9.0	5.9	2.5	2.4	2.0	21.2	14.8	118	63	18.9	81.1	0.0	0.0	25.0	11.0	10.0	7.0	58.2	82.0	33

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
271	5291	--	U-4-47-20	NGA	VUL	4	2	+	5	1	2	0	1	2	3	2	0	5	3	11	2	1	2
272	5295	--	U-2-12-2	ZAR	VUL	4	2	0	5	1	1	0	2	1	3	1	3	5	3	11	2	1	2
273	5303	--	U-2-1-24	ZAR	VUL	4	2	0	3	1	1	+	1	2	2	2	5	5	3	13	2	1	2
274	5316	--	EC 22451	UNK	VUL	4	2	+	5	1	1	+	2	2	3	2	3	5	3	10	2	1	2
275	5360	--	WHITE SPANISH	AUS	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
276	5422	--	T 87/2	UNK	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
277	5445	8788	ZM 472	ZMB	VUL	4	2	+	3	1	1	0	1	2	2	2	0	3	3	11	1	1	1
278	5475	--	J-11-2	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
279	5476	--	SABPUR LOCAL	IND	VUL	4	2	0	3	2	1	0	2	2	2	2	3	5	3	11	1	1	1
280	5478	--	MENDHERAL LOCAL	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	0	3	3	11	1	1	1
281	5479	--	CHIKASA LOCAL	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	3	3	11	1	1	1
282	5480	--	MAKTUPUR LOCAL	IND	VUL	4	2	+	3	2	2	+	2	2	2	2	0	5	3	11	1	1	1
283	5486	--	LOCAL 2-SEEDED	IND	VUL	4	2	+	3	1	1	+	2	2	1	2	3	7	3	10	1	1	1
284	6319	1394	BAMBEY 29-56	SEN	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	2	1	1
285	6508	--	EC 37484-1	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	9	3	11	1	1	1
286	6551	--	ANIRA LOCAL	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	2
287	6557	--	AKADA LOCAL	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	5	10	2	1	1
288	6563	--	BILKHA LOCAL	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	7	5	11	2	1	1
289	6568	--	NC 62204	IND	VUL	4	2	+	3	1	1	+	1	1	2	1	3	3	3	11	1	1	1
290	6607	--	PSR 23	UNK	VUL	3	2	0	3	1	1	0	3	2	2	2	0	5	3	10	2	1	2
291	6728	--	AH 32	IND	VUL	4	2	0	5	1	2	+	1	2	3	2	3	5	3	11	1	1	1
292	6729	--	AH 36	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	5	11	2	1	1
293	6733	--	AH 218	UNK	VUL	4	2	0	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
294	6735	--	AH 810	ARG	VUL	4	2	0	3	1	2	0	2	2	2	2	5	7	5	11	2	1	1
295	6737	--	AH 811-1	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	5	7	5	11	2	1	2
296	6742	--	AH 1711	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	0	9	3	11	1	1	1
297	6743	--	AH 1716	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	11	1	1	1
298	6750	--	AH 2800	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	0	5	3	11	2	1	1
299	6752	--	AH 3272	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	1	1	1
300	6754	--	AH 3274	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
271	5291	7	16	18	103	63.5	72.8	4.0	7.8	11.8	7.1	3.0	2.4	4.5	23.0	9.1	97	55	35.9	64.1	0.0	0.0	19.0	10.0	12.5	7.0	60.8	83.9	28
272	5295	7	16	18	100	56.0	65.2	4.4	9.0	13.4	6.5	3.0	2.2	3.8	18.0	12.4	138	66	61.1	38.9	0.0	0.0	23.0	12.0	11.0	7.5	55.9	90.9	32
273	5303	7	17	19	98	58.6	63.6	4.0	18.2	22.2	5.9	2.5	2.4	5.2	16.0	6.5	78	61	40.0	60.0	0.0	0.0	22.0	10.0	11.0	6.0	57.1	75.0	29
274	5316	7	17	19	103	77.4	93.0	3.2	5.8	9.0	6.5	2.7	2.4	3.2	13.4	7.6	75	85	23.9	59.7	16.4	0.0	24.0	11.0	11.0	7.5	71.9	82.9	32
275	5360	7	16	18	102	57.0	62.4	4.8	5.0	9.8	5.3	2.5	2.1	1.8	31.0	15.4	164	53	33.5	66.5	0.0	0.0	20.0	11.5	10.0	7.0	74.4	91.8	35
276	5422	7	17	19	98	66.8	74.4	4.0	9.6	13.6	5.4	2.4	2.3	1.2	19.2	14.8	164	72	24.0	76.0	0.0	0.0	21.0	11.0	10.5	7.0	72.5	76.0	38
277	5445	8	15	17	103	61.0	69.2	4.0	3.6	7.6	6.3	2.6	2.4	2.6	20.0	17.2	184	85	18.0	82.0	0.0	0.0	23.0	10.0	11.0	8.0	70.6	80.0	40
278	5475	7	16	18	100	62.2	73.2	4.0	6.2	10.2	7.0	3.2	2.2	2.4	20.6	22.6	171	69	16.5	83.5	0.0	0.0	23.0	10.0	11.0	7.5	64.8	80.4	37
279	5476	7	15	17	98	56.2	61.4	4.0	15.0	19.0	6.3	2.9	2.2	3.8	23.6	14.1	125	68	15.3	84.7	0.0	0.0	20.0	10.0	10.0	8.0	56.3	80.0	34
280	5478	7	16	18	100	58.8	71.0	4.0	9.6	13.6	6.6	3.2	2.1	2.6	15.8	11.7	119	63	43.0	57.0	0.0	0.0	19.0	10.0	10.0	8.0	66.0	81.8	34
281	5479	7	16	18	102	66.8	75.6	4.0	9.8	13.8	6.8	3.0	2.3	1.4	17.2	14.0	149	50	23.3	76.7	0.0	0.0	20.0	10.0	10.0	7.5	55.8	83.3	30
282	5480	7	15	17	102	58.4	63.0	3.2	8.6	11.8	6.1	3.0	2.0	2.4	12.6	17.5	132	67	20.6	79.4	0.0	0.0	22.0	10.0	10.0	7.0	61.9	63.9	28
283	5486	7	16	18	98	47.0	61.0	4.0	3.4	7.4	5.5	2.3	2.4	1.4	15.4	10.3	133	75	29.9	70.1	0.0	0.0	21.5	10.5	10.0	7.0	55.2	81.3	32
284	6319	7	16	18	103	60.4	74.4	4.2	9.2	13.4	6.5	2.9	2.2	4.0	35.8	21.7	183	58	24.6	75.4	0.0	0.0	21.0	11.0	10.0	7.0	70.2	74.0	32
285	6508	7	17	19	102	51.6	63.8	4.0	6.4	10.4	6.0	2.4	2.5	3.2	24.2	6.2	55	55	41.3	58.7	0.0	0.0	20.0	10.0	10.5	7.5	56.1	94.6	23
286	6551	7	17	19	103	61.6	73.2	3.8	7.0	10.8	6.5	2.9	2.2	2.0	10.2	12.9	167	65	15.7	84.3	0.0	0.0	21.0	10.0	10.0	7.0	66.7	68.2	30
287	6557	7	16	18	103	55.6	70.8	4.0	9.8	13.8	5.3	2.3	2.3	3.0	27.4	14.8	171	63	16.8	83.2	0.0	0.0	21.5	10.0	10.5	7.5	70.9	80.3	30
288	6563	7	15	17	102	61.5	75.0	3.5	3.6	7.1	6.5	2.8	2.3	0.8	26.8	18.4	204	71	30.8	69.2	0.0	0.0	26.0	10.5	11.0	8.0	71.0	79.6	38
289	6568	7	16	18	98	53.0	63.4	3.8	16.4	20.2	5.8	2.9	2.0	1.8	19.2	7.2	80	64	27.1	72.9	0.0	0.0	20.0	10.0	10.0	7.0	59.0	72.2	28
290	6607	7	17	19	102	39.8	58.2	3.8	5.6	9.4	5.3	2.3	2.3	2.0	18.4	19.2	214	88	26.1	73.9	0.0	0.0	21.0	12.0	11.0	7.0	69.1	71.4	34
291	6728	8	16	18	100	54.2	63.0	3.8	13.8	17.6	6.5	2.8	2.3	1.8	23.0	17.1	129	57	20.9	79.1	0.0	0.0	20.0	10.0	10.5	7.0	64.6	71.4	27
292	6729	7	16	18	100	61.6	66.2	4.0	9.8	13.8	7.0	3.1	2.3	2.8	17.2	12.2	103	62	27.9	72.1	0.0	0.0	21.5	10.0	11.0	7.5	67.9	75.0	28
293	6733	7	16	18	102	62.6	77.8	4.0	11.0	15.0	7.2	3.1	2.3	3.4	17.4	15.3	156	70	29.9	70.1	0.0	0.0	22.0	10.0	10.5	7.5	61.5	80.0	31
294	6735	7	15	17	100	66.2	71.6	3.8	6.0	9.8	7.4	3.4	2.2	3.4	16.8	23.2	176	73	56.0	44.0	0.0	0.0	26.0	12.0	11.0	7.5	55.7	82.3	33
295	6737	7	15	17	98	57.2	62.4	3.6	8.8	12.4	5.9	2.7	2.2	6.0	19.8	14.9	185	66	31.3	68.7	0.0	0.0	24.0	11.0	11.0	7.0	61.5	85.0	29
296	6742	7	16	18	100	46.8	65.6	3.8	6.2	10.0	6.3	2.9	2.2	3.2	25.2	15.2	148	52	40.5	59.5	0.0	0.0	20.0	11.0	10.0	7.0	65.2	67.4	30
297	6743	7	16	18	100	62.2	71.4	3.6	3.4	7.0	6.7	3.1	2.2	2.0	14.6	17.3	161	82	31.5	68.5	0.0	0.0	21.0	10.5	10.0	7.0	66.7	70.0	30
298	6750	7	15	17	102	63.0	71.4	3.4	4.6	8.0	6.4	2.9	2.2	2.2	15.4	13.3	160	95	1.3	98.7	0.0	0.0	22.0	11.0	11.0	7.0	68.5	94.0	33
299	6752	7	16	18	100	63.0	70.6	3.8	5.4	9.2	7.0	3.3	2.1	2.0	19.6	17.3	146	55	30.6	69.4	0.0	0.0	20.0	10.5	10.0	6.5	68.5	81.1	29
300	6754	7	16	18	100	65.8	68.8	4.0	4.0	8.0	7.2	3.3	2.2	2.0	19.6	15.6	194	72	26.5	73.5	0.0	0.0	21.5	10.0	10.0	7.0	60.6	86.0	32

No.	NRCG	Passport information		Origin	Habit	Qualitative traits																	
		ICG	Name of Variety			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
301	6758	1224	AH 3528	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	3	3	10	1	1	1
302	6759	--	AH 3533	IND	VUL	4	2	0	3	1	2	0	2	2	3	2	3	5	3	11	1	1	1
303	6761	--	AH 4148	IND	VUL	4	2	0	3	1	1	0	2	2	3	2	3	3	3	10	1	1	1
304	6762	--	AH 4226	UNK	VUL	4	2	0	5	1	2	0	2	2	3	2	0	5	3	11	1	1	1
305	6765	--	AH 6457	UNK	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	10	1	1	1
306	6768	--	AH 6571	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
307	6769	--	AH 6742	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	3	5	3	11	1	1	1
308	6772	--	AH 7043	IND	VUL	4	2	0	5	1	2	+	2	2	3	2	3	5	3	10	2	1	2
309	6774	--	AH 7121	MYA	VUL	4	2	0	3	1	2	0	2	2	3	2	0	3	3	11	1	1	1
310	6775	--	AH 7122	MYA	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	1	1	1
311	6778	--	AH 7149	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	10	2	1	1
312	6779	--	AH 7150	ARG	VUL	4	2	0	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
313	6781	--	AH 7158	CUB	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	10	2	1	1
314	6784	--	AH 7220	NGA	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	2	1	1
315	6786	--	AH 7226	UNK	VUL	4	2	0	5	1	1	+	3	2	3	2	3	5	3	11	2	1	1
316	6795	--	AH 7359	UNK	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
317	6796	--	AH 7372	MDG	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	5	11	2	1	1
318	6797	--	AH 7434	GRC	VUL	4	2	0	3	1	1	0	2	2	2	2	3	7	3	11	1	1	1
319	6798	--	AH 7586	SUN	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	2	1	1
320	6800	--	AH 7982	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	5	11	2	1	2
321	6804	--	AH 8189	IND	VUL	4	2	0	3	1	1	0	2	2	3	2	0	5	3	11	2	1	1
322	6806	--	AH 8254	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	5	11	2	1	2
323	6807	--	AH LOCAL	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	7	5	10	2	1	2
324	6808	--	AK 10-24	IND	VUL	4	2	0	3	1	2	0	2	2	3	2	3	5	3	11	2	1	1
325	6810	--	AKOLA NO. 10	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	0	5	3	10	1	1	1
326	6811	--	APPEXUE	SUN	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	5	10	2	1	1
327	6815	--	BAOBETON	ZAF	VUL	4	2	0	3	1	1	0	2	2	3	2	0	3	3	11	1	1	1
328	6816	--	BULINDI	UGA	VUL	4	2	0	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
329	6819	--	CHANDI	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	1	1	1
330	6820	--	CINDOCI	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1

Quantitative traits

No.	NRCG	Quantitative traits																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
301	6758	7	15	17	103	64.8	79.0	4.0	2.0	6.0	5.9	2.7	2.2	1.8	16.8	16.5	176	62	23.8	76.2	0.0	0.0	22.0	10.0	10.0	10.0	7.0	61.5	87.5	27
302	6759	7	16	18	99	60.6	69.6	3.8	7.6	11.4	6.5	2.9	2.2	1.8	12.6	13.8	98	78	30.2	69.8	0.0	0.0	20.0	10.0	10.0	10.0	7.0	61.2	90.0	28
303	6761	7	15	17	98	57.8	66.4	4.0	6.0	10.0	6.2	2.8	2.2	2.8	17.6	10.8	105	61	18.2	81.8	0.0	0.0	21.5	11.0	10.0	10.0	7.5	59.3	68.8	28
304	6762	7	15	17	99	58.0	68.8	3.8	7.8	11.6	7.2	3.3	2.2	2.4	29.0	13.4	155	50	26.2	73.8	0.0	0.0	21.0	10.5	10.5	10.5	7.0	62.5	80.0	29
305	6765	7	17	19	102	70.6	78.6	3.8	5.4	9.2	5.9	2.9	2.0	3.0	18.6	13.5	150	60	23.7	76.3	0.0	0.0	21.0	10.0	10.0	10.0	8.0	62.5	68.6	29
306	6768	7	16	18	98	59.4	67.4	3.4	8.4	11.8	6.7	3.0	2.2	4.0	21.0	15.1	154	63	21.0	79.0	0.0	0.0	20.0	10.0	10.0	11.0	7.5	63.6	64.3	25
307	6769	7	16	18	100	68.8	74.4	3.8	13.8	17.6	6.4	2.7	2.4	4.4	17.6	6.6	82	58	34.1	65.9	0.0	0.0	20.0	10.0	10.0	10.0	6.5	58.9	82.2	30
308	6772	7	16	18	100	62.4	67.2	3.6	11.2	14.8	6.0	2.6	2.3	3.0	27.8	10.5	108	50	23.0	77.0	0.0	0.0	20.0	10.0	10.0	10.5	7.5	70.0	75.1	28
309	6774	7	16	18	102	69.6	84.4	3.8	10.8	14.6	6.1	2.6	2.4	1.0	13.4	10.5	126	56	17.9	82.1	0.0	0.0	20.0	10.0	10.0	12.0	7.0	61.4	74.1	31
310	6775	7	17	19	103	69.8	76.4	4.0	10.4	14.4	6.5	2.9	2.2	2.2	15.6	10.3	114	60	21.8	78.2	0.0	0.0	20.0	10.0	10.0	10.0	6.5	65.3	77.7	30
311	6778	7	17	19	102	58.4	71.6	4.2	11.2	15.4	6.7	3.0	2.2	2.2	36.6	19.0	194	64	23.0	77.0	0.0	0.0	22.0	10.0	10.0	11.0	7.0	68.6	93.8	30
312	6779	7	17	19	102	62.2	70.6	3.4	8.8	12.2	6.3	3.1	2.0	3.6	10.6	11.7	146	60	7.5	92.5	0.0	0.0	18.0	10.0	10.0	10.0	7.0	56.3	68.6	29
313	6781	8	16	18	105	57.6	71.6	4.0	5.6	9.6	6.8	3.2	2.1	1.6	11.2	8.2	92	68	55.4	44.6	0.0	0.0	22.0	11.0	12.0	8.0	60.5	69.6	37	
314	6784	7	17	19	105	60.8	73.8	4.0	9.0	13.0	6.2	2.6	2.4	2.8	10.6	6.1	70	53	50.9	49.1	0.0	0.0	20.0	10.0	10.0	10.0	6.5	55.4	69.2	30
315	6786	7	16	18	102	54.8	69.4	3.6	14.4	18.0	6.8	2.9	2.3	4.2	6.2	7.8	91	84	35.5	64.5	0.0	0.0	20.5	11.0	10.0	10.0	7.0	61.5	81.3	38
316	6795	7	16	18	102	60.8	73.0	4.0	7.6	11.6	6.9	3.1	2.2	1.2	18.6	9.3	116	61	40.9	59.1	0.0	0.0	23.0	11.0	11.0	8.0	61.4	74.3	30	
317	6796	7	16	18	103	48.4	62.0	4.0	9.0	13.0	5.7	2.5	2.3	3.2	7.4	11.8	126	81	13.5	86.5	0.0	0.0	22.0	11.0	10.5	7.5	56.7	74.7	34	
318	6797	8	16	18	102	51.6	62.2	4.0	7.8	11.8	6.0	2.9	2.1	2.2	29.6	15.8	182	66	35.8	64.2	0.0	0.0	21.0	13.0	10.5	7.0	68.4	89.5	40	
319	6798	7	16	18	100	62.2	74.0	4.0	8.2	12.2	6.8	3.2	2.1	2.8	13.2	12.6	134	55	21.2	78.8	0.0	0.0	22.0	10.0	10.0	7.0	75.0	77.8	30	
320	6800	7	16	18	103	61.0	72.8	4.0	3.8	7.8	6.8	3.0	2.3	2.0	23.2	14.5	193	69	19.0	81.0	0.0	0.0	22.0	11.0	10.0	8.0	67.5	68.5	29	
321	6804	7	16	18	105	67.4	71.2	3.8	3.8	7.6	7.0	2.9	2.4	0.8	17.2	14.7	170	67	26.7	73.3	0.0	0.0	22.0	10.0	10.0	7.5	62.1	69.4	34	
322	6806	7	17	19	103	50.2	66.0	3.6	5.2	8.8	6.2	2.6	2.4	1.4	16.8	21.1	262	95	23.8	76.2	0.0	0.0	23.0	12.0	11.5	8.0	66.3	92.5	40	
323	6807	7	17	19	103	50.8	69.4	4.0	7.2	11.2	6.8	3.2	2.1	2.0	13.2	10.8	120	91	31.8	68.2	0.0	0.0	28.0	11.0	12.0	7.0	65.0	79.5	41	
324	6808	7	17	19	102	55.0	69.2	3.8	7.8	11.6	6.8	3.0	2.3	1.8	18.8	20.6	239	76	23.4	76.6	0.0	0.0	22.0	10.0	10.0	8.0	70.4	84.0	33	
325	6810	7	16	18	102	53.6	67.4	3.8	9.0	12.8	6.8	3.0	2.3	4.4	19.6	11.2	149	68	26.5	73.5	0.0	0.0	20.0	11.0	10.5	7.5	55.2	86.5	26	
326	6811	7	17	19	105	60.5	75.3	3.5	6.4	9.9	6.6	2.9	2.3	2.8	15.8	13.5	144	76	23.8	76.2	0.0	0.0	22.0	11.0	10.5	7.0	66.7	90.6	30	
327	6815	7	17	19	102	64.6	74.8	3.8	2.8	6.6	6.6	2.9	2.3	2.2	10.6	12.5	155	68	20.8	79.2	0.0	0.0	22.0	11.0	10.0	7.0	63.9	66.5	37	
328	6816	7	16	18	105	60.6	73.6	4.0	14.0	18.0	6.5	3.0	2.2	3.6	19.2	10.5	131	69	37.5	62.5	0.0	0.0	20.0	10.5	10.0	7.0	70.7	94.8	30	
329	6819	7	16	18	105	65.4	77.2	4.2	3.4	7.6	6.3	2.9	2.2	2.0	20.2	12.8	159	66	26.7	73.3	0.0	0.0	21.0	10.0	10.0	7.0	62.7	85.7	36	
330	6820	7	17	18	103	64.2	71.4	4.0	5.4	9.4	7.0	3.0	2.3	3.4	19.4	13.4	161	65	34.0	66.0	0.0	0.0	21.0	11.0	10.5	7.0	63.5	82.5	30	

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
331	6821	--	CHING ROY	CHN	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	5	11	2	1	1
332	6822	--	COIMTUR RED	UNK	VUL	4	2	+	3	1	1	+	2	2	3	2	0	5	3	11	2	1	2
333	6823	--	CHANDNI PINK	IND	VUL	4	2	0	3	1	1	0	1	2	3	2	3	5	5	10	2	1	1
334	6828	--	DORMANT ERRECT	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	0	5	3	11	1	1	1
335	6830	--	DH 3-20	IND	VUL	4	2	+	5	1	1	+	2	2	3	2	3	7	3	11	2	1	2
336	6831	--	DH 3-30	IND	VUL	4	2	0	5	1	1	0	2	1	2	1	3	7	3	10	2	1	2
337	6847	--	EC 17777	UNK	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	2	1	1
338	6849	--	S 7-1-26	IND	VUL	4	2	0	3	2	1	0	1	2	2	2	3	5	3	11	1	1	1
339	6875	--	U 4-7-7	USA	VUL	4	2	0	5	1	1	+	2	2	3	2	0	3	3	11	1	1	1
340	6881	--	U 4-7-24	SDN	VUL	4	2	0	3	1	1	+	2	2	3	2	3	5	3	11	1	1	1
341	6889	--	U 4-47-11	SDN	VUL	4	2	0	3	1	1	0	1	2	2	2	0	9	3	11	1	1	1
342	6900	--	EC 21137/1	UNK	VUL	4	2	+	3	1	2	0	1	1	2	1	0	5	3	11	1	1	1
343	6917	--	EC 21889	UNK	VUL	3	2	0	3	1	1	+	2	2	2	2	3	7	3	11	2	1	2
344	6935	--	VIRGINIA IMPROVED	ISR	VUL	4	2	0	5	1	1	+	3	2	2	2	3	5	0	11	2	1	1
345	6937	--	ESPANGELE DE VALENCE	CIV	VUL	4	2	0	3	2	1	0	2	2	2	2	3	5	3	11	1	1	1
346	6947	--	TFSPAN	USA	VUL	4	2	0	5	1	1	0	2	2	2	3	2	3	5	3	11	1	1
347	6961	--	TIFSPAN	USA	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	2	1	1
348	6964	--	AZOROZO	ZAR	VUL	4	2	0	3	2	1	+	1	2	2	2	0	7	3	11	1	1	1
349	6966	--	EC 109272/3	UNK	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	11	2	1	1
350	6978	--	EC 226252	UNK	VUL	4	2	+	3	2	1	+	2	2	2	2	5	5	3	11	2	1	2
351	6979	--	EC 267354	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	2	1	2
352	6980	--	EC 259622	UNK	VUL	4	2	+	5	2	2	+	2	2	3	2	5	5	10	2	1	1	
353	6983	--	EXOTIC 4	UNK	VUL	4	2	0	5	1	1	+	2	1	3	1	3	3	11	1	1	1	
354	6984	--	EXOTIC 5-3	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
355	6985	--	EXOTIC 6	UNK	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	1	1	1
356	6997	--	KOPERGAON NO.3	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
357	6999	--	LIMDI 4	IND	VUL	4	2	0	3	2	1	+	1	2	2	2	3	7	3	11	2	1	2
358	7000	--	MANFREDI 1-1	ARG	VUL	4	2	0	3	1	1	0	3	2	2	2	3	7	3	11	2	1	1
359	7002	--	MANFREDI 96	ARG	VUL	4	2	0	5	1	1	1	0	3	2	3	2	5	3	11	2	1	1
360	7007	--	NANDIKESAN	UNK	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	5	11	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
331	6821	7	16	18	100	67.4	78.8	3.8	5.2	9.0	7.2	3.1	2.3	0.8	14.4	11.3	135	79	29.2	70.8	0.0	0.0	22.5	10.5	11.0	7.5	68.4	76.9	40
332	6822	7	16	18	108	65.8	77.8	3.8	6.0	9.8	6.3	3.0	2.1	2.0	7.0	6.1	76	89	42.9	57.1	0.0	0.0	22.5	12.0	11.0	7.0	61.3	89.5	34
333	6823	7	16	18	103	66.2	77.6	3.8	10.8	14.6	7.0	3.0	2.3	2.8	21.0	12.4	121	68	47.6	52.4	0.0	0.0	22.0	11.0	11.0	7.0	66.2	68.1	38
334	6828	7	16	18	105	56.8	70.0	4.0	10.8	14.8	6.2	2.6	2.4	3.0	16.8	10.3	82	51	26.2	73.8	0.0	0.0	20.0	10.0	10.0	7.0	51.2	73.6	28
335	6830	7	16	18	99	65.6	76.4	4.0	11.8	15.8	6.0	2.9	2.1	0.8	19.2	12.9	144	64	34.4	65.6	0.0	0.0	24.0	11.0	10.0	7.5	68.8	90.5	39
336	6831	7	17	18	103	59.2	72.2	3.8	9.0	12.8	5.7	2.6	2.2	2.2	15.6	9.3	112	90	35.9	64.1	0.0	0.0	23.0	11.0	10.5	8.0	54.3	81.6	41
337	6847	7	17	19	105	64.6	75.2	3.6	14.0	17.6	6.8	2.8	2.4	2.0	18.8	13.4	137	66	36.2	63.8	0.0	0.0	22.0	11.0	10.0	7.5	64.5	77.5	38
338	6849	7	16	18	103	61.6	76.6	3.8	6.2	10.0	6.7	2.9	2.3	1.2	9.6	18.2	178	102	41.7	58.3	0.0	0.0	22.0	11.0	11.0	7.5	69.4	94.1	42
339	6875	7	16	18	105	69.6	81.2	3.8	10.2	14.0	7.6	3.5	2.2	1.6	16.0	10.8	120	69	23.8	76.3	0.0	0.0	21.0	10.0	10.0	7.5	72.7	87.5	34
340	6881	7	15	17	103	63.0	74.6	3.8	9.4	13.2	6.5	3.6	1.8	2.4	17.2	17.3	208	57	15.1	84.9	0.0	0.0	21.5	10.5	10.0	7.0	71.4	77.1	30
341	6889	7	16	18	105	49.2	66.4	3.8	5.0	8.8	6.3	2.9	2.2	1.6	18.8	16.0	185	64	36.2	63.8	0.0	0.0	21.0	11.0	10.5	7.5	73.3	90.9	38
342	6900	7	17	19	103	57.2	75.0	3.8	1.2	5.0	6.3	3.0	2.1	2.0	19.8	18.4	196	72	22.2	77.8	0.0	0.0	22.0	10.0	11.0	8.0	59.1	85.7	35
343	6917	7	15	17	105	76.4	86.0	3.8	8.2	12.0	6.2	2.5	2.5	1.8	11.8	10.5	103	105	22.0	64.4	13.6	0.0	26.0	11.0	11.0	8.5	66.1	92.7	36
344	6935	7	17	19	105	60.8	74.4	4.0	8.2	12.2	7.1	2.9	2.5	1.6	16.0	22.7	272	115	17.5	76.3	6.3	0.0	25.0	11.0	11.5	8.0	71.7	93.9	48
345	6937	7	16	18	102	63.2	72.8	4.0	5.2	9.2	6.8	2.9	2.3	0.2	24.2	29.4	209	60	28.1	71.9	0.0	0.0	20.5	11.0	10.0	7.0	69.4	90.0	25
346	6947	7	16	18	102	68.2	78.2	4.0	7.4	11.4	7.0	3.3	2.1	1.4	21.4	11.9	159	71	25.2	74.8	0.0	0.0	24.0	10.0	10.0	7.0	67.1	92.2	32
347	6961	7	16	18	103	50.6	60.6	4.0	4.6	8.6	6.3	2.9	2.2	2.6	16.8	14.5	174	113	20.2	79.8	0.0	0.0	22.5	11.0	11.0	7.5	55.0	86.8	34
348	6964	7	17	19	101	51.6	59.6	4.0	2.8	6.8	5.5	2.7	2.0	1.6	13.8	21.5	163	71	30.4	69.6	0.0	0.0	19.5	10.5	10.0	7.5	71.4	82.9	34
349	6966	7	15	17	103	56.2	71.8	4.0	4.8	8.8	6.0	2.8	2.1	1.4	29.8	19.3	197	58	36.2	63.8	0.0	0.0	21.0	10.0	10.0	7.5	74.4	82.8	37
350	6978	7	15	17	100	63.0	80.0	4.0	9.0	13.0	7.0	3.0	2.3	2.2	17.8	13.9	154	79	28.1	56.2	15.7	0.0	23.5	10.0	12.0	7.0	61.4	83.7	24
351	6979	7	15	18	102	59.4	64.8	4.0	9.8	13.8	6.5	2.9	2.2	2.8	24.2	18.9	134	60	19.0	78.5	2.5	0.0	23.0	10.5	10.0	6.5	63.0	71.7	29
352	6980	7	14	16	102	67.2	76.6	4.0	12.0	16.0	6.4	2.8	2.3	2.4	20.4	19.9	185	91	14.7	80.4	4.9	0.0	22.5	11.0	11.0	7.5	72.0	97.0	35
353	6983	7	16	18	103	61.4	76.0	4.0	8.6	12.6	7.5	3.2	2.3	2.8	12.4	8.5	80	56	41.9	58.1	0.0	0.0	20.0	10.0	10.0	7.0	62.9	73.6	30
354	6984	7	16	18	105	79.2	82.4	3.8	6.6	10.4	7.0	3.2	2.2	2.2	17.6	18.8	176	57	43.2	56.8	0.0	0.0	20.0	11.0	10.0	7.0	64.0	84.4	28
355	6985	7	17	19	105	69.6	84.6	4.0	9.8	13.8	6.6	2.9	2.3	0.8	9.8	11.4	152	73	28.6	71.4	0.0	0.0	20.0	10.0	10.0	6.5	69.4	72.0	36
356	6997	7	17	19	102	83.6	78.2	4.0	5.4	9.4	7.7	3.3	2.3	1.4	16.6	13.1	134	73	20.5	79.5	0.0	0.0	20.0	10.0	12.0	7.5	59.0	91.7	32
357	6999	7	17	19	102	46.0	62.6	4.0	4.8	8.8	6.2	2.8	2.2	0.4	22.4	13.6	127	78	40.2	59.8	0.0	0.0	25.0	11.0	10.5	8.0	63.2	92.7	38
358	7000	7	15	17	101	53.3	63.0	4.0	3.4	7.4	6.4	3.0	2.1	1.3	24.0	14.1	163	80	36.5	63.5	0.0	0.0	22.5	11.0	11.0	7.0	55.8	83.7	34
359	7002	8	16	18	100	45.0	53.8	4.0	11.0	15.0	5.2	2.4	2.2	2.4	7.2	4.9	50	67	22.2	72.2	5.6	0.0	26.5	10.5	10.0	6.5	50.0	66.7	25
360	7007	7	17	19	105	62.8	71.0	4.0	7.2	11.2	6.7	3.4	2.0	1.0	17.4	13.1	168	69	42.5	57.5	0.0	0.0	20.0	10.5	10.0	7.0	66.7	85.0	33

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
361	7020	--	NO. 70	UNK	VUL	4	2	+	3	1	2	+	3	2	2	2	3	5	5	10	2	1	1
362	7034	--	SET 69	IND	VUL	4	2	0	3	1	1	0	1	1	2	1	3	7	5	13	2	1	1
363	7035	--	SET 71	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	5	11	2	1	1
364	7038	--	SPANISH DHARWAR	IND	VUL	4	2	0	3	1	2	0	1	2	2	2	3	7	3	10	1	1	1
365	7040	--	SMALL JAPAN	IND	VUL	4	2	0	3	1	1	+	2	2	3	2	3	5	5	10	2	1	1
366	7045	--	TALUKA FARM LOCAL	UNK	VUL	4	2	0	3	2	1	0	1	2	2	2	3	5	3	11	2	1	1
367	7046	--	TIFTON 1108	USA	VUL	4	2	0	5	1	2	+	2	1	2	1	3	5	3	10	2	1	1
368	7047	--	TMV 2	IND	VUL	4	2	0	3	1	1	0	1	1	2	1	3	5	3	11	2	1	1
369	7049	--	TMV 7	IND	VUL	4	2	0	3	1	1	+	2	2	3	2	3	5	5	13	1	1	1
370	7052	--	U 2-1-15	TZA	VUL	4	2	0	5	1	1	0	1	2	3	2	5	5	5	13	1	1	1
371	7056	--	U 4-1-12	USA	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	1	1	1
372	7060	--	UGANDA VOHAT	UGA	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	10	2	1	1
373	7065	--	US 21-1	UNK	VUL	4	2	0	5	1	1	+	2	1	3	1	3	7	3	11	2	1	2
374	7066	--	USA 61	USA	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	2	1	1
375	7074	--	17-15-32-12	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
376	7075	--	27-5-1	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
377	7076	--	28-4-1	IND	VUL	4	2	0	5	1	2	+	2	2	3	2	0	3	3	11	1	1	1
378	7080	--	382 OF RUSSIA	SUN	VUL	4	2	0	3	1	2	+	2	2	2	2	0	3	3	11	1	1	1
379	7105	--	971	UNK	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	10	2	1	1
380	7109	--	7092	UNK	VUL	4	2	0	3	1	2	0	2	2	2	2	3	3	3	11	2	1	1
381	7111	--	7318	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	2	1	1
382	7113	--	7235-5-1	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	11	2	1	1
383	7118	--	161308 (P)	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	11	2	1	2
384	7119	--	161308 (W)	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	1
385	7121	--	259622	UNK	VUL	4	2	0	3	1	2	+	1	2	2	2	3	5	3	11	2	1	1
386	7124	--	TMV 9	IND	VUL	4	2	0	5	1	2	0	2	2	2	2	3	5	3	10	2	1	1
387	7125	--	TMV 11	IND	VUL	3	2	0	5	1	1	+	2	2	3	2	5	7	3	11	2	1	1
388	7127	--	AH 316/5	IND	VUL	4	2	0	3	1	1	+	1	1	2	1	5	5	3	11	2	1	1
389	7128	--	AH 347/5	IND	VUL	4	2	+	3	1	2	1	1	2	2	2	3	3	3	11	2	1	2
390	7135	--	TG 7	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	3	9	3	10	2	2	1

No.	NRCCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
361	7020	7	15	17	103	52.4	66.0	4.0	9.6	13.6	6.5	2.8	2.3	2.0	23.4	26.7	249	85	28.2	71.8	0.0	0.0	22.5	11.0	10.5	7.5	64.0	93.8	44
362	7034	7	16	18	99	82.2	83.0	4.0	3.0	7.0	6.7	2.9	2.3	1.6	19.6	12.5	139	62	44.9	55.1	0.0	0.0	20.0	10.0	11.0	7.0	60.7	81.1	34
363	7035	7	15	17	100	61.8	74.6	4.0	4.2	8.2	6.2	2.9	2.1	2.2	20.6	17.9	207	71	38.8	61.2	0.0	0.0	23.0	10.0	10.0	8.0	58.9	74.4	46
364	7038	7	16	18	100	46.4	68.0	4.0	5.2	9.2	6.5	2.7	2.4	2.0	29.2	19.6	227	71	34.9	65.1	0.0	0.0	23.0	10.0	10.0	7.0	68.0	75.7	40
365	7040	7	16	18	100	51.8	71.8	4.0	8.6	12.6	6.8	2.9	2.3	3.2	32.6	21.1	225	66	23.9	76.1	0.0	0.0	25.0	11.0	13.0	7.0	69.2	74.9	24
366	7045	7	15	17	99	51.8	69.4	3.8	0.6	4.4	6.0	2.6	2.3	0.8	14.8	20.0	204	85	20.3	79.7	0.0	0.0	21.0	10.0	11.0	7.0	71.4	80.0	39
367	7046	7	17	19	100	68.4	76.2	4.0	2.2	6.2	6.0	2.8	2.1	1.0	18.0	19.7	210	77	25.6	74.4	0.0	0.0	22.0	10.0	10.0	7.0	69.6	66.7	38
368	7047	7	19	21	100	59.8	72.6	4.0	5.6	9.6	6.5	2.7	2.4	1.0	15.8	13.8	147	89	17.7	82.3	0.0	0.0	23.0	12.0	11.0	7.5	68.6	66.7	36
369	7049	7	16	18	100	52.2	57.4	3.2	9.0	12.2	5.8	2.3	2.5	2.0	8.2	5.9	71	68	58.5	39.0	2.4	0.0	22.5	10.0	10.0	7.0	57.1	87.5	29
370	7052	7	20	22	102	60.2	66.6	4.0	14.8	18.8	6.0	2.3	2.6	2.2	6.8	4.7	46	79	20.6	14.7	64.7	0.0	29.0	10.5	11.0	7.5	59.3	75.0	24
371	7056	7	15	17	102	78.2	86.6	4.0	6.2	10.2	5.8	2.8	2.1	2.0	21.8	22.4	149	61	33.0	67.0	0.0	0.0	21.5	10.0	10.0	7.0	63.6	66.7	31
372	7060	8	14	16	99	63.4	68.2	3.8	7.0	10.8	5.8	3.2	1.8	1.2	13.8	12.6	140	93	24.6	75.4	0.0	0.0	21.5	11.0	12.0	7.5	56.3	69.4	30
373	7065	7	14	16	102	55.6	55.6	4.0	3.2	7.2	5.9	3.0	2.0	2.0	13.0	10.8	116	82	35.4	64.6	0.0	0.0	21.5	12.0	12.0	8.0	54.7	69.0	30
374	7066	8	16	18	103	56.6	72.0	3.8	1.8	5.6	6.1	3.1	2.0	1.6	19.8	15.6	173	66	25.3	74.7	0.0	0.0	22.0	11.5	10.0	7.0	63.1	80.5	32
375	7074	7	17	19	103	58.0	72.0	4.0	4.8	8.8	5.8	2.7	2.1	2.2	20.8	17.4	193	65	22.1	77.9	0.0	0.0	20.5	10.0	10.0	7.0	69.1	80.8	32
376	7075	7	17	19	103	67.8	76.5	4.0	7.8	11.8	6.3	3.0	2.1	2.3	25.0	9.4	104	56	30.0	70.0	0.0	0.0	22.0	11.0	10.5	7.0	66.1	75.7	32
377	7076	7	16	19	102	71.6	78.4	3.8	9.2	13.0	5.9	2.8	2.1	2.4	18.2	10.7	114	60	31.9	68.1	0.0	0.0	20.0	10.0	10.0	7.0	69.1	76.3	31
378	7080	7	15	17	105	73.8	75.6	4.0	9.2	13.2	6.3	2.8	2.3	1.4	10.6	12.9	132	77	17.0	83.0	0.0	0.0	20.0	10.5	10.0	7.0	73.2	76.7	32
379	7105	7	16	18	103	56.6	67.2	4.0	7.2	11.2	5.2	2.3	2.3	1.8	22.0	21.8	233	78	23.6	76.4	0.0	0.0	24.0	10.0	10.0	7.5	60.5	88.5	39
380	7109	7	17	19	102	63.8	74.8	3.8	5.6	9.4	6.5	2.9	2.2	2.2	22.4	17.2	183	63	28.6	71.4	0.0	0.0	20.0	11.0	10.5	7.0	58.6	97.6	34
381	7111	7	17	19	102	65.0	73.4	4.0	5.2	9.2	6.4	2.8	2.3	3.2	27.0	15.8	168	61	20.0	80.0	0.0	0.0	22.0	11.0	10.0	7.0	68.3	91.1	34
382	7113	7	16	18	102	70.8	74.8	3.8	1.6	5.4	7.3	3.5	2.1	0.4	12.8	15.6	180	75	15.6	84.4	0.0	0.0	22.5	11.0	10.0	7.5	75.0	91.7	30
383	7118	7	17	19	100	55.4	65.8	4.0	6.2	10.2	7.0	2.6	2.7	2.2	11.4	9.4	125	75	15.8	84.2	0.0	0.0	21.0	11.0	11.0	7.0	65.1	92.9	32
384	7119	7	17	19	102	68.6	81.2	4.0	5.8	9.8	6.0	2.9	2.1	1.6	15.4	12.0	139	70	41.6	58.4	0.0	0.0	23.0	12.0	10.5	7.0	66.7	86.1	32
385	7121	7	17	19	103	60.0	68.4	4.0	7.8	11.8	6.6	3.0	2.2	1.0	16.4	11.0	128	85	26.8	73.2	0.0	0.0	23.0	11.0	11.0	8.0	71.4	90.0	38
386	7124	7	17	19	103	72.4	84.0	4.0	5.6	9.6	6.5	3.0	2.2	1.6	9.2	11.4	127	89	15.2	84.8	0.0	0.0	20.0	10.0	10.0	7.0	63.4	96.2	32
387	7125	7	16	18	103	73.6	82.0	3.8	13.0	16.8	6.3	2.8	2.3	1.8	14.8	10.6	128	51	13.5	86.5	0.0	0.0	21.0	10.0	10.0	7.0	65.8	72.0	26
388	7127	7	20	22	99	56.0	62.6	3.8	4.8	8.6	5.7	2.8	2.0	2.8	10.0	6.3	59	56	16.0	84.0	0.0	0.0	18.0	10.0	9.5	7.0	64.3	83.3	22
389	7128	7	15	18	100	50.6	61.0	4.0	5.0	9.0	5.8	2.7	2.1	2.2	18.2	14.4	160	76	16.5	67.0	16.5	0.0	23.0	12.0	10.0	7.5	65.2	77.8	32
390	7135	7	17	19	103	53.6	75.8	3.8	9.2	13.0	5.8	2.5	2.3	3.0	14.2	7.2	90	72	53.5	46.5	0.0	0.0	22.0	10.0	11.0	7.0	72.5	89.2	36

Passport information					Qualitative traits																		
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
391	7138	--	JL 1	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	3	3	11	1	1	1
392	7141	--	JL 6	IND	VUL	4	2	0	3	1	1	+	1	1	2	1	5	5	3	11	1	1	1
393	7142	--	JL 7	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	5	3	11	1	1	1
394	7143	--	JL 8	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	1
395	7144	--	JL 10	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	0	5	3	11	1	1	1
396	7149	--	JL 20	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
397	7151	--	JL 22	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	2	1	1
398	7155	--	JL 26	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
399	7158	--	JL 29	IND	VUL	4	2	0	3	1	2	+	1	2	2	2	3	5	3	11	1	1	1
400	7160	--	JL 32	IND	VUL	4	2	0	3	1	1	0	1	2	3	2	3	3	3	11	1	1	1
401	7162	--	JL 38	IND	VUL	4	2	+	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
402	7163	--	JL 35	IND	VUL	4	2	+	5	1	1	+	1	2	3	2	3	5	3	10	1	1	1
403	7164	--	JL 36	IND	VUL	4	2	+	3	2	1	+	2	2	2	2	0	5	3	10	1	1	1
404	7167	--	SEL. 5	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	1	1	1
405	7170	--	JL 42	IND	VUL	4	2	0	3	1	1	+	1	2	2	2	3	3	3	11	1	1	1
406	7173	--	DH 4	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	3	5	3	11	2	1	1
407	7174	--	DH 5	IND	VUL	4	2	0	3	1	1	+	2	2	3	2	3	5	3	11	1	1	1
408	7175	--	DH 6	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	10	2	1	1
409	7176	--	DH 7	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
410	7177	--	SEL. 6	IND	VUL	4	2	0	3	1	1	0	2	2	3	2	0	3	3	11	2	1	1
411	7178	--	SEL. 7	IND	VUL	3	2	0	5	1	1	0	2	2	3	2	3	3	3	11	2	1	1
412	7180	--	AH 8446	IND	VUL	4	2	0	3	1	1	+	2	1	2	1	3	9	3	11	2	1	1
413	7181	--	OG 27-3	IND	VUL	4	2	0	3	1	2	+	3	1	2	1	3	3	3	10	2	1	2
414	7182	--	J 1	IND	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	2	1	1
415	7183	--	J 2	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
416	7185	--	RSHY 1	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	0	5	3	11	2	1	1
417	7190	--	CGC 2	IND	VUL	4	2	0	5	1	1	+	1	2	3	2	3	5	3	11	2	1	1
418	7195	--	ICGS 15	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	5	7	3	11	2	1	1
419	7204	--	ICGS 3	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	0	5	3	11	1	1	1
420	7206	--	SPANCROSS	USA	VUL	4	2	0	3	2	1	+	1	2	2	2	0	3	3	11	1	1	1

No. NRCG		Quantitative traits																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
391	7138	7	16	18	102	67.2	70.4	3.8	5.8	9.6	6.7	3.0	2.2	3.0	19.0	15.7	182	56	26.3	73.7	0.0	0.0	21.0	12.0	11.0	7.0	67.9	69.4	29	
392	7141	7	15	17	105	63.6	71.6	4.0	4.2	8.2	6.6	2.9	2.3	1.6	23.2	16.5	191	62	27.6	72.4	0.0	0.0	22.0	11.0	12.5	7.0	67.8	78.6	34	
393	7142	7	16	18	100	65.8	73.0	4.0	9.0	13.0	6.4	2.9	2.2	3.3	26.3	11.6	124	71	19.0	81.0	0.0	0.0	22.0	11.0	10.5	8.0	69.3	88.5	40	
394	7143	7	15	17	100	47.2	61.0	4.0	1.6	5.6	6.0	2.7	2.2	2.2	21.0	15.1	148	66	47.6	52.4	0.0	0.0	22.0	10.0	11.0	7.5	63.8	86.4	34	
395	7144	7	15	17	101	63.4	72.4	3.8	3.0	6.8	6.0	2.9	2.1	1.6	25.8	16.8	172	77	14.7	85.3	0.0	0.0	21.5	10.0	10.0	7.5	66.7	92.4	34	
396	7149	7	17	19	102	63.2	70.4	4.0	8.8	12.8	6.9	3.1	2.2	3.4	17.0	23.4	167	94	35.3	64.7	0.0	0.0	23.0	11.0	10.0	7.0	68.8	89.1	36	
397	7151	7	15	17	102	59.4	72.4	4.0	9.4	13.4	7.3	3.2	2.3	2.4	26.0	17.9	199	65	20.8	79.2	0.0	0.0	23.5	10.0	10.5	7.0	68.2	93.1	30	
398	7155	7	17	19	103	59.8	69.2	3.8	5.6	9.4	5.7	2.9	2.0	2.0	17.2	12.5	156	73	18.6	81.4	0.0	0.0	22.5	10.0	11.5	8.0	61.9	84.6	35	
399	7158	7	16	18	100	72.0	73.8	4.0	10.2	14.2	6.5	3.0	2.2	1.3	22.8	19.3	163	75	22.0	78.0	0.0	0.0	21.5	10.0	11.0	8.0	70.6	95.8	38	
400	7160	7	17	19	100	62.8	71.6	4.0	7.8	11.8	6.8	3.0	2.3	2.2	23.2	15.3	163	74	26.7	73.3	0.0	0.0	20.0	10.0	10.0	7.5	72.1	85.5	39	
401	7162	7	16	18	102	67.6	75.6	4.0	9.2	13.2	6.7	3.1	2.2	3.2	34.4	20.5	209	63	23.3	76.7	0.0	0.0	22.0	10.0	10.5	7.5	69.7	76.3	38	
402	7163	7	17	19	102	59.4	71.2	4.0	7.6	11.6	7.2	3.3	2.2	1.2	18.4	17.6	172	79	23.9	76.1	0.0	0.0	21.0	10.0	10.0	7.0	71.2	88.5	40	
403	7164	7	16	18	100	60.2	66.8	4.0	2.2	6.2	6.0	2.9	2.1	2.4	25.0	15.3	184	68	24.0	76.0	0.0	0.0	21.0	11.0	10.0	7.5	70.6	96.7	36	
404	7167	7	16	18	102	75.4	81.0	3.6	4.6	8.2	6.5	2.8	2.3	2.0	8.6	9.6	98	58	16.3	83.7	0.0	0.0	22.0	10.5	10.0	7.0	64.0	87.5	28	
405	7170	7	17	19	101	59.4	71.4	4.0	13.8	17.8	6.7	3.0	2.2	4.4	29.6	15.2	168	55	12.2	87.8	0.0	0.0	22.0	10.0	10.0	7.0	69.1	75.0	32	
406	7173	7	15	17	96	48.6	55.6	4.0	4.2	8.2	6.3	2.8	2.3	3.8	17.2	11.5	123	72	30.2	69.8	0.0	0.0	22.0	10.0	10.5	7.5	51.6	78.1	32	
407	7174	7	16	18	103	54.2	59.8	4.0	3.0	7.0	6.3	2.6	2.4	2.6	21.2	11.7	124	63	30.2	69.8	0.0	0.0	23.0	11.5	11.0	7.5	53.7	74.2	34	
408	7175	7	17	19	3	69.8	78.2	3.8	4.4	8.2	7.1	2.8	2.5	1.4	14.0	14.4	160	79	17.1	82.9	0.0	0.0	21.0	10.5	10.0	7.0	67.3	91.9	31	
409	7176	7	15	17	102	52.4	66.2	3.8	5.2	9.0	6.2	3.0	2.1	1.6	15.2	18.9	126	57	34.2	65.8	0.0	0.0	24.0	12.0	10.0	7.5	60.5	65.4	34	
410	7177	7	17	19	102	73.8	76.6	3.0	10.4	13.4	6.0	3.0	2.0	1.4	7.8	7.3	75	67	23.1	76.9	0.0	0.0	20.5	10.0	10.0	7.0	65.4	94.1	28	
411	7178	7	17	19	103	69.0	72.6	4.0	5.2	9.2	6.2	3.0	2.1	2.4	10.8	13.7	165	78	24.1	75.9	0.0	0.0	21.0	10.0	10.0	7.5	57.1	83.3	29	
412	7180	7	15	17	100	70.8	76.4	3.8	1.8	5.6	6.3	3.0	2.1	1.2	12.2	16.6	177	93	41.0	59.0	0.0	0.0	21.5	11.0	11.0	7.0	56.1	87.5	35	
413	7181	7	14	17	100	53.6	61.0	3.8	6.2	10.0	6.5	3.1	2.1	3.6	33.4	23.8	244	79	32.9	67.1	0.0	0.0	22.0	11.5	12.0	8.0	56.8	82.7	40	
414	7182	7	17	19	103	48.0	51.0	3.8	1.4	5.2	6.2	2.6	2.4	0.6	11.2	17.1	167	84	23.2	76.8	0.0	0.0	22.0	10.0	10.0	7.0	51.1	87.5	32	
415	7183	7	16	18	103	59.0	70.2	4.0	1.2	5.2	6.8	3.0	2.3	1.0	14.2	14.8	177	73	23.9	76.1	0.0	0.0	21.0	10.0	10.0	8.0	59.6	80.7	32	
416	7185	7	17	19	104	59.8	66.4	4.2	3.4	7.6	5.8	2.6	2.2	1.0	12.6	18.3	203	79	28.6	71.4	0.0	0.0	21.0	10.0	10.5	7.5	66.0	93.9	39	
417	7190	7	16	18	99	50.4	58.8	4.0	2.6	6.6	5.9	2.7	2.2	0.8	14.4	8.7	74	72	36.1	63.9	0.0	0.0	21.0	12.0	10.5	7.5	53.1	70.8	34	
418	7195	7	17	19	100	75.0	80.6	4.0	4.4	8.4	6.0	2.9	2.1	1.4	19.6	13.9	173	73	34.7	65.3	0.0	0.0	25.0	11.0	11.0	7.5	65.3	78.7	38	
419	7204	7	16	18	102	61.2	70.6	4.0	5.2	9.2	5.8	2.6	2.2	2.4	18.4	13.6	152	76	19.6	80.4	0.0	0.0	21.0	10.0	10.0	7.0	65.7	73.9	38	
420	7206	7	15	17	100	45.6	56.4	3.8	3.0	6.8	6.4	3.0	2.1	3.0	14.6	18.8	200	63	21.9	78.1	0.0	0.0	19.0	10.5	10.0	7.0	67.4	77.4	28	

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
421	7214	--	DH 7	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	1
422	7216	--	CGC 4	IND	VUL	4	3	0	1	1	1	+	3	2	1	2	0	3	3	10	1	1	1
423	7220	--	RSY 4	IND	VUL	4	2	0	1	1	1	+	3	1	1	1	0	5	3	11	2	1	1
424	7223	--	ICGS 57	IND	VUL	3	2	0	3	1	1	+	2	2	2	2	0	5	3	11	2	1	2
425	7240	--	JL 51	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	2	1	1
426	7244	--	JL 43	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	5	3	3	11	2	1	1
427	7247	--	JL 47	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	3	5	3	11	2	1	1
428	7249	--	JL 63	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	3	5	3	11	2	1	1
429	7250	--	JL 48	IND	VUL	4	2	0	3	1	2	+	2	2	2	2	5	5	5	11+1	2	1	2
430	7282	--	T. SEL. 4-2	IND	VUL	4	2	0	5	1	1	+	1	2	3	2	3	3	3	11	1	1	1
431	7287	273	PI 121520	ARG	VUL	4	2	0	3	1	2	0	1	2	2	2	0	7	3	11	2	1	1
432	7298	--	KINGAON LOCAL	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
433	7325	--	AH 25	SEN	VUL	4	2	0	5	1	1	+	2	1	3	1	3	5	3	11	2	1	1
434	7326	--	AH 1192	UNK	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	1	1	1
435	7330	--	AH 6742	IND	VUL	3	2	0	3	1	2	0	2	2	2	2	3	5	5	11	2	1	1
436	7331	--	AH 7150	ARG	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
437	7332	--	AH 7606	UNK	VUL	4	2	0	3	1	1	0	2	1	2	1	3	5	3	11	2	1	1
438	7333	--	AH 7903	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	0	5	3	11	1	1	1
439	7334	--	AH 7980	UNK	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
440	7345	--	B 11	UNK	VUL	4	2	0	5	1	2	0	2	2	3	2	3	5	3	11	1	1	1
441	7354	--	B 59	UNK	VUL	4	2	0	5	1	2	0	2	2	3	2	3	3	3	11	1	1	1
442	7359	--	B 122	UNK	VUL	4	2	0	3	2	1	+	1	2	2	2	3	3	3	11	1	1	1
443	7363	--	B 140	UNK	VUL	4	2	0	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
444	7393	--	CHITTORGARH	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	2	1	1
445	7399	--	DH 8	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	10	2	1	1
446	7400	--	DH 7284-101	IND	VUL	4	2	0	5	1	1	+	1	2	3	2	3	3	3	11	2	1	1
447	7410	5183	S 7-2-18	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	1	1	1
448	7412	--	S 7-2-20	SDN	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
449	7419	--	U 2-1-15	TZA	VUL	4	2	0	3	1	1	0	1	1	3	1	3	5	3	11	2	1	1
450	7429	3643	U 4-4-26	TZA	VUL	4	2	0	3	1	1	0	2	1	3	1	3	5	5	10	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
421	7214	7	15	17	102	65.4	73.8	4.0	7.0	11.0	5.8	3.0	1.9	2.2	17.6	15.2	183	74	34.1	65.9	0.0	0.0	23.0	10.0	11.0	7.0	66.2	88.4	36
422	7216	8	16	18	110	37.6	52.0	4.0	9.4	13.4	5.7	2.3	2.5	3.6	19.4	11.8	121	56	24.7	75.3	0.0	0.0	23.0	10.5	10.5	7.0	51.9	77.1	34
423	7220	8	16	18	103	57.2	68.0	4.2	7.8	12.0	5.5	2.7	2.0	0.8	13.0	10.9	131	80	30.8	69.2	0.0	0.0	20.0	11.0	10.0	7.0	63.5	81.8	42
424	7223	7	17	19	100	54.6	68.6	4.0	4.8	8.8	6.2	2.4	2.6	2.2	17.8	11.6	139	81	19.1	80.9	0.0	0.0	21.0	11.0	10.5	7.5	53.1	80.7	35
425	7240	7	17	19	102	51.6	64.2	4.0	5.8	9.8	6.5	3.0	2.2	2.0	23.2	13.7	158	67	19.0	81.0	0.0	0.0	21.0	11.0	10.5	8.0	65.4	70.6	36
426	7244	7	17	19	102	76.8	81.4	4.0	5.6	9.6	7.7	3.5	2.2	2.0	17.0	21.0	205	73	23.5	76.5	0.0	0.0	20.0	10.0	11.0	8.0	74.2	87.0	36
427	7247	7	17	19	100	60.8	64.6	3.8	3.4	7.2	6.5	3.0	2.2	2.0	19.2	13.4	143	57	27.1	72.9	0.0	0.0	22.0	10.0	10.0	7.5	65.5	83.3	28
428	7249	7	15	17	101	62.0	73.6	3.8	6.0	9.8	4.3	2.1	2.0	0.4	9.6	14.0	155	81	16.7	83.3	0.0	0.0	22.5	10.5	10.5	7.0	74.4	89.7	31
429	7250	7	17	19	100	63.5	71.0	4.0	3.6	7.6	6.4	2.9	2.2	1.5	19.8	16.2	172	61	30.4	69.6	0.0	0.0	21.5	11.0	10.0	7.0	70.8	88.2	29
430	7282	7	17	19	100	66.8	74.8	3.8	15.8	19.6	6.1	2.8	2.2	2.4	16.8	11.1	133	101	31.0	69.0	0.0	0.0	21.0	10.0	10.0	7.0	70.6	90.0	34
431	7287	7	17	19	103	51.6	71.2	4.0	9.4	13.4	5.7	2.6	2.2	1.2	22.4	15.7	174	62	39.3	60.7	0.0	0.0	23.0	10.5	10.5	7.0	75.4	94.2	35
432	7298	7	16	18	102	62.8	71.8	4.0	3.6	7.6	6.5	2.7	2.4	1.2	20.4	27.0	180	72	18.6	81.4	0.0	0.0	22.0	10.5	10.0	7.0	72.6	90.6	38
433	7325	7	16	18	102	60.4	71.0	4.0	5.8	9.8	6.0	2.6	2.3	1.0	24.8	12.1	118	62	27.4	72.6	0.0	0.0	22.0	10.0	10.0	6.5	60.6	77.5	30
434	7326	7	16	18	105	59.3	76.0	4.0	10.6	14.6	6.3	2.8	2.3	2.4	25.8	16.4	182	71	18.6	81.4	0.0	0.0	22.0	10.0	11.0	7.5	65.2	65.0	38
435	7330	7	15	17	105	65.4	75.4	4.0	10.0	14.0	6.3	2.8	2.3	2.4	13.8	14.4	154	103	46.4	53.6	0.0	0.0	20.0	10.0	10.0	8.0	69.0	71.4	34
436	7331	7	16	18	100	49.4	59.0	4.0	8.0	12.0	6.5	3.0	2.2	3.6	13.8	14.4	154	103	46.4	53.6	0.0	0.0	20.0	10.0	10.0	8.0	69.0	71.4	34
437	7332	7	17	19	102	61.6	67.6	4.0	10.2	14.2	6.8	3.3	2.1	2.6	16.4	7.6	71	62	13.4	86.6	0.0	0.0	21.5	11.0	10.0	7.0	64.7	71.5	34
438	7333	7	16	18	97	54.2	70.2	4.2	13.4	17.6	6.4	2.8	2.3	4.0	32.0	14.0	168	59	20.0	80.0	0.0	0.0	21.0	10.5	10.0	7.0	69.5	77.6	31
439	7334	7	16	18	100	63.6	75.8	4.0	8.4	12.4	6.6	2.9	2.3	3.8	16.4	11.8	120	67	9.8	90.2	0.0	0.0	21.0	10.0	10.0	7.0	65.5	72.2	30
440	7345	7	15	17	98	59.4	71.4	4.0	6.8	10.8	6.3	2.7	2.3	4.2	16.0	8.8	102	63	31.3	68.8	0.0	0.0	22.0	10.5	10.0	7.0	58.0	75.9	28
441	7354	7	16	18	100	65.0	73.0	3.8	3.4	7.2	6.0	2.9	2.1	1.4	19.4	10.4	84	48	25.8	74.2	0.0	0.0	21.0	10.0	9.5	6.5	68.1	93.8	23
442	7359	7	17	19	103	55.6	70.2	4.0	11.6	15.6	6.9	3.1	2.2	1.6	25.2	25.0	144	83	17.5	82.5	0.0	0.0	23.0	13.0	10.5	8.0	70.2	90.4	40
443	7363	7	16	18	103	54.6	66.4	4.0	10.0	14.0	6.6	3.1	2.1	2.0	27.4	13.3	148	69	38.7	61.3	0.0	0.0	20.5	10.5	11.0	8.0	64.9	73.8	36
444	7393	7	17	19	100	50.2	63.0	4.0	6.6	10.6	5.3	2.5	2.1	2.6	15.6	11.2	124	85	23.1	76.9	0.0	0.0	19.5	11.0	10.0	7.0	54.5	77.8	34
445	7399	7	17	19	102	54.8	64.0	4.2	9.0	13.2	6.7	2.9	2.3	2.0	13.0	20.0	142	131	23.1	76.9	0.0	0.0	20.0	10.5	10.0	7.0	58.8	86.0	34
446	7400	7	17	19	100	51.0	58.2	4.0	2.2	6.2	5.9	2.9	2.0	1.2	13.8	11.7	125	77	11.6	88.4	0.0	0.0	22.0	11.0	11.0	7.5	56.6	68.0	40
447	7410	7	17	19	102	43.2	47.6	4.0	3.2	7.2	6.6	3.0	2.2	0.6	19.8	20.5	210	86	17.2	82.8	0.0	0.0	21.0	12.0	11.0	8.0	67.1	84.2	43
448	7412	7	15	17	103	59.6	68.2	3.8	1.0	4.8	6.5	2.9	2.2	1.0	11.8	16.7	134	97	20.3	79.7	0.0	0.0	20.0	10.0	11.0	8.0	56.1	93.8	32
449	7419	7	16	18	103	57.2	67.6	3.8	7.6	11.4	6.1	3.0	2.0	2.0	25.8	13.8	153	67	16.3	83.7	0.0	0.0	25.0	11.0	10.5	7.5	61.6	74.7	38
450	7429	7	15	17	103	60.4	64.2	4.0	5.0	9.0	7.0	3.1	2.3	1.8	25.2	13.6	157	68	28.6	71.4	0.0	0.0	23.0	11.0	10.0	7.0	64.0	72.7	34

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
451	7433	--	U 4-7-5	USA	VUL	4	2	+	5	1	1	0	2	2	3	2	0	0	3	11	1	1	1
452	7436	--	U 4-7-24	SDN	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	2	1	1
453	7439	--	U 4-47-7	UGA	VUL	4	2	0	3	1	2	0	2	2	2	2	3	5	3	11	1	1	1
454	7442	--	U 4-47-20	NGA	VUL	3	2	0	3	1	1	0	2	2	2	2	0	5	3	11	1	1	1
455	7443	--	U 4-47-18	SWZ	VUL	4	2	0	5	1	1	+	2	2	2	3	3	3	11	2	1	1	1
456	7446	--	EC 21137-1	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	5	7	3	11	2	1	1
457	7453	--	ARGENTINE	USA	VUL	4	2	0	5	1	1	+	2	2	2	3	3	3	11	1	1	1	1
458	7463	--	US 40	CUB	VUL	4	2	0	3	1	1	+	2	2	2	2	3	5	3	11	1	1	1
459	7464	--	EC 24480	UNK	VUL	4	2	0	3	1	1	+	2	2	2	1	3	5	3	11	1	1	1
460	7468	--	TINAN-PEI-YU-TOU-2	TWN	VUL	4	2	0	3	1	1	+	3	2	2	2	0	5	3	11	1	1	2
461	7470	--	ESPANGOLE DE VALENCE	CIV	VUL	4	2	0	3	2	1	+	2	2	2	2	0	7	3	11	2	1	1
462	7479	--	A 33	MAR	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
463	7480	--	EC 83930	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	1	1	1
464	7489	--	EC 160281	UNK	VUL	4	2	+	5	2	2	+	2	2	3	2	3	5	3	10	1	1	1
465	7491	--	EX 7-4	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
466	7492	--	FLA. 14	USA	VUL	4	2	0	3	1	1	+	2	2	2	2	5	5	5	11	2	2	1
467	7537	--	ICGS 48	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
468	7548	--	JH 113	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	5	10	2	1	2
469	7550	--	JHALA WORALD	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	0	5	3	11	1	1	1
470	7555	--	JSP 4	IND	VUL	4	2	0	5	1	1	+	3	1	3	1	3	3	3	11	2	1	2
471	7557	--	KG 61209	IND	VUL	4	2	+	5	1	2	+	2	2	3	2	0	3	3	11	2	1	2
472	7558	--	KG 61330	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	2
473	7581	--	OG 321	IND	VUL	4	2	0	3	1	1	0	1	2	2	2	3	3	3	11	1	1	1
474	7587	--	POLLACHI 1	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	3	3	3	11	1	1	1
475	7597	--	PI 240579	TZA	VUL	4	2	0	5	1	1	+	2	2	2	2	3	5	3	11	2	1	2
476	7604	--	RGR 70	UNK	VUL	3	2	0	3	1	1	+	2	2	3	2	3	3	3	11	1	1	1
477	7605	--	RGR 72	UNK	VUL	4	2	0	5	1	1	+	2	2	2	2	5	7	3	11	2	1	1
478	7606	--	RGR 73	UNK	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	2	1	2
479	7607	--	RGR 76	UNK	VUL	3	2	0	3	1	1	+	1	2	2	2	0	5	3	11	1	1	1
480	7609	--	RGR 91	UNK	VUL	4	2	0	3	1	2	+	3	2	2	2	0	7	0	11	3	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
451	7433	7	17	19	102	64.2	76.0	4.0	4.4	8.4	6.0	2.6	2.3	2.2	20.4	5.4	56	66	23.5	76.5	0.0	0.0	19.5	11.0	9.0	7.0	75.1	92.2	29
452	7436	7	16	18	103	65.2	72.6	4.0	2.4	6.4	6.5	3.0	2.2	3.2	21.8	19.1	178	70	11.9	88.1	0.0	0.0	23.0	12.0	10.0	7.5	64.5	71.4	34
453	7439	7	17	19	103	71.0	78.0	4.0	13.4	17.4	6.4	3.0	2.1	5.8	39.0	15.5	172	47	20.5	79.5	0.0	0.0	21.0	11.0	10.0	7.5	74.3	74.5	30
454	7442	7	16	18	103	69.4	80.6	4.0	14.2	18.2	5.5	2.5	2.2	3.4	34.6	19.6	175	55	22.0	78.0	0.0	0.0	22.0	10.5	10.0	7.0	63.5	85.3	29
455	7443	7	15	17	103	61.4	77.6	4.0	8.2	12.2	6.3	2.6	2.4	0.8	15.8	18.0	128	85	27.8	72.2	0.0	0.0	20.5	10.5	10.0	6.0	70.2	78.7	28
456	7446	7	17	19	100	52.2	61.4	3.6	3.8	7.4	6.7	3.0	2.2	1.4	23.2	14.3	172	76	19.0	81.0	0.0	0.0	23.0	11.0	11.0	7.0	56.8	92.0	30
457	7453	7	16	18	100	51.8	63.0	4.0	4.2	8.2	6.2	3.0	2.1	2.6	25.6	12.8	160	70	20.3	79.7	0.0	0.0	21.0	11.0	11.0	8.0	60.0	90.7	33
458	7463	7	16	19	102	59.2	65.0	3.6	4.2	7.8	6.3	2.6	2.4	1.6	13.0	13.1	157	77	23.1	76.9	0.0	0.0	21.0	12.0	10.5	7.5	68.0	85.3	31
459	7464	7	16	18	103	52.2	63.0	4.0	3.4	7.4	6.5	3.0	2.2	2.0	30.8	12.3	152	68	24.7	75.3	0.0	0.0	21.0	10.5	10.0	7.0	67.3	75.7	34
460	7468	7	17	19	110	47.4	51.4	3.6	2.6	6.2	6.4	2.6	2.5	2.0	21.0	9.6	115	53	33.3	66.7	0.0	0.0	20.0	10.0	10.0	7.0	66.1	70.3	28
461	7470	7	17	19	102	57.0	71.0	4.0	7.8	11.8	5.5	2.5	2.2	2.4	29.2	33.0	235	66	24.7	75.3	0.0	0.0	23.0	11.0	12.0	7.5	69.8	82.1	35
462	7479	7	15	16	100	57.8	63.8	4.2	4.0	8.2	6.1	2.9	2.1	1.6	23.2	13.7	159	56	13.8	86.2	0.0	0.0	21.0	10.0	11.0	8.0	66.2	85.5	23
463	7480	7	15	17	103	54.0	62.6	4.0	0.6	4.6	5.5	2.5	2.2	2.6	18.6	9.8	109	82	16.1	83.9	0.0	0.0	21.5	10.0	10.5	7.0	65.8	88.0	40
464	7489	7	17	19	102	60.8	66.4	3.6	0.4	4.0	6.7	3.2	2.1	1.4	18.8	20.4	145	55	24.5	75.5	0.0	0.0	22.5	10.0	10.0	7.0	69.2	75.0	28
465	7491	7	16	18	100	63.4	69.8	4.0	7.2	11.2	6.0	2.9	2.1	1.4	16.2	17.4	155	65	25.9	74.1	0.0	0.0	20.0	11.0	10.5	7.0	71.7	68.4	33
466	7492	7	14	16	102	68.8	70.2	4.0	2.8	6.8	6.0	2.8	2.1	1.8	13.6	13.8	166	87	22.1	77.9	0.0	0.0	23.0	12.0	12.0	7.5	67.8	77.5	34
467	7537	8	14	16	100	63.8	66.4	3.6	3.0	6.6	6.2	2.5	2.5	1.4	16.8	15.0	173	77	31.0	69.0	0.0	0.0	23.0	10.5	10.0	7.0	61.5	77.5	34
468	7548	7	16	18	102	56.4	66.6	4.0	7.2	11.2	5.9	2.8	2.1	2.2	32.8	19.5	216	68	18.9	81.1	0.0	0.0	22.0	10.0	10.0	7.5	60.7	88.2	34
469	7550	7	16	18	103	63.0	71.8	3.8	2.8	6.6	6.5	3.0	2.2	1.6	18.4	12.6	118	70	21.7	78.3	0.0	0.0	20.0	10.0	10.0	7.0	68.8	70.5	32
470	7555	7	14	17	104	58.4	67.2	4.0	4.0	8.0	6.0	2.9	2.1	1.4	20.0	17.0	189	84	24.0	64.0	12.0	0.0	22.0	11.0	11.0	7.0	54.8	82.6	32
471	7557	7	17	19	102	70.8	75.0	4.0	6.4	10.4	6.8	2.9	2.3	3.4	21.0	23.3	207	70	27.6	72.4	0.0	0.0	22.5	10.0	10.5	7.0	67.6	90.0	36
472	7558	7	16	18	100	60.8	70.8	4.0	2.4	6.4	6.7	3.0	2.2	1.0	18.4	17.0	197	78	20.7	79.3	0.0	0.0	21.5	10.0	11.0	7.0	69.4	96.0	40
473	7581	7	17	19	101	53.8	79.5	3.5	9.8	13.3	6.7	2.9	2.3	2.3	25.0	22.4	189	70	21.0	79.0	0.0	0.0	21.5	11.0	11.0	8.0	74.3	74.2	32
474	7587	7	17	19	102	60.4	66.4	3.8	2.8	6.6	6.1	2.7	2.3	1.4	17.4	11.8	136	67	17.2	82.8	0.0	0.0	21.0	10.0	11.0	7.0	67.2	89.7	30
475	7597	7	16	18	102	53.2	76.6	4.2	15.8	20.0	7.8	3.4	2.3	3.4	29.0	22.4	169	63	20.7	79.3	0.0	0.0	22.0	11.0	10.5	7.0	61.5	85.7	36
476	7604	7	16	18	102	52.0	62.2	4.0	8.8	12.8	6.2	2.9	2.1	2.8	29.2	20.4	209	68	47.9	52.1	0.0	0.0	24.0	11.0	12.0	7.5	67.7	89.5	40
477	7605	7	16	18	98	52.4	59.8	4.8	10.4	15.2	6.2	3.1	2.0	3.4	23.6	12.7	119	78	19.5	80.5	0.0	0.0	20.5	11.0	10.0	7.0	59.8	85.5	36
478	7606	7	17	19	98	57.8	62.2	4.0	0.4	4.4	5.8	2.5	2.3	1.0	12.6	10.5	107	75	19.0	81.0	0.0	0.0	20.5	10.0	10.0	7.0	66.0	90.3	30
479	7607	7	15	18	105	61.6	61.8	3.8	1.0	4.8	6.4	2.8	2.3	0.4	15.2	7.3	78	75	27.6	72.4	0.0	0.0	20.0	10.0	10.5	8.0	59.6	91.2	36
480	7609	7	17	19	103	50.0	54.8	2.8	1.8	4.6	7.3	3.0	2.4	1.2	9.6	9.1	105	79	47.9	52.1	0.0	0.0	20.0	11.0	11.0	7.0	63.2	72.5	33

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
481	7612	--	RGR 95	UNK	VUL	3	2	0	3	1	1	+	2	2	2	2	3	5	3	11	2	1	2
482	7615	--	RGR 107	UNK	VUL	4	2	0	5	2	1	+	2	2	3	2	5	7	3	11	2	1	1
483	7616	--	RGR 110	UNK	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
484	7628	--	RGR 155	UNK	VUL	4	2	0	3	1	1	+	1	2	2	2	3	3	3	11	2	1	1
485	7631	--	RGR 166	UNK	VUL	4	2	0	3	1	1	+	1	1	2	1	3	5	3	10	2	1	1
486	7642	--	RSHY 2	IND	VUL	4	2	0	5	1	1	0	1	2	3	2	0	3	3	11	1	1	1
487	7647	--	SEL 3	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	3	3	3	11	1	1	1
488	7648	--	SEL 4	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	2	1	1
489	7650	--	SEL 6	IND	VUL	4	2	0	3	1	2	0	2	2	2	2	3	3	3	11	2	1	1
490	7660	--	TG 14	IND	VUL	3	2	0	3	1	1	+	1	2	2	2	2	3	7	3	10	2	1
491	7669	--	TMV 9	IND	VUL	4	2	0	5	1	2	0	3	1	3	1	0	5	3	11	2	1	1
492	7672	--	UUG 1	UNK	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	2	1	1
493	7673	--	UUG 4	UNK	VUL	4	2	0	3	1	1	0	2	2	2	1	3	5	3	11	2	1	1
494	7678	--	UUG 11	UNK	VUL	4	2	0	3	1	1	0	2	2	2	2	2	3	5	3	11	2	1
495	7679	--	UUG 17	UNK	VUL	4	2	0	3	1	1	+	2	2	2	2	0	3	3	11	1	1	1
496	7683	--	VG 19	UNK	VUL	4	2	0	5	1	2	+	2	2	3	2	3	5	3	11	1	1	1
497	7686	--	X 14-4-B-28 B	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	7	3	11	1	1	1
498	7688	--	X 148-7-4-3-12-B	IND	VUL	4	2	0	3	1	1	+	2	2	2	2	3	3	3	11	2	1	1
499	7694	--	14-4	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	3	3	11	1	1	1
500	7711	--	TMV 2	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	2	1	1
501	7734	--	TMV 2	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	0	5	3	11	2	1	1
502	7827	--	VR 3311	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	5	3	11	2	1	1
503	7830	--	VR 3314	IND	VUL	4	2	0	5	1	2	+	2	2	3	2	3	5	3	11	2	1	1
504	7831	--	VR 3315	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	11	1	1	1
505	7845	--	VR 3333	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
506	7856	--	VR 3349	IND	VUL	4	2	0	5	2	1	+	2	2	3	2	3	5	3	11	1	1	1
507	7857	--	VR 3350	IND	VUL	4	2	0	3	1	1	+	2	2	3	2	3	3	3	11	1	1	1
508	7859	--	VR 3354	IND	VUL	4	2	0	1	1	1	0	2	2	1	2	3	3	3	11	1	1	1
509	7860	--	VR 3356	IND	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
510	7862	--	VR 3358	IND	VUL	4	2	0	3	2	1	+	2	2	3	2	3	5	3	11	1	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
481	7612	7	14	17	102	53.8	54.8	4.0	3.0	7.0	6.0	2.8	2.1	2.0	8.6	9.7	9.0	7.9	14.0	86.0	0.0	0.0	21.0	11.0	10.0	7.0	55.9	73.2	29
482	7615	7	16	18	103	49.8	58.0	4.0	3.6	7.6	5.8	2.6	2.2	3.2	22.2	8.2	9.4	5.5	54.1	45.9	0.0	0.0	20.0	10.5	11.0	7.5	60.7	81.1	32
483	7616	7	16	18	103	52.0	57.8	4.0	1.8	5.8	6.5	2.9	2.2	2.2	9.2	11.6	12.4	6.5	52.2	47.8	0.0	0.0	19.5	11.0	10.0	7.0	60.0	77.8	36
484	7628	7	19	21	104	64.4	63.6	4.4	11.0	15.4	6.6	2.8	2.4	1.2	24.4	7.6	8.8	6.8	18.0	82.0	0.0	0.0	20.5	10.0	10.0	7.0	67.5	91.1	36
485	7631	7	17	19	102	59.2	68.6	4.2	1.4	5.6	5.5	2.6	2.1	1.2	19.4	15.3	15.6	6.7	29.9	70.1	0.0	0.0	22.0	12.0	11.0	7.5	70.8	91.3	38
486	7642	7	17	19	103	67.8	72.4	4.0	5.4	9.4	6.5	3.0	2.2	1.6	13.8	12.7	13.0	5.5	26.1	73.9	0.0	0.0	20.0	10.5	10.0	7.0	65.8	96.0	26
487	7647	7	17	19	100	67.8	81.2	4.0	3.8	7.8	7.3	2.9	2.5	3.4	15.4	18.0	18.4	6.0	26.0	74.0	0.0	0.0	19.5	10.0	10.0	7.0	73.9	88.2	30
488	7648	7	16	18	102	77.3	76.3	4.0	2.8	6.8	6.2	2.9	2.1	0.5	9.0	12.1	13.5	6.9	33.3	66.7	0.0	0.0	19.5	10.0	9.5	7.0	64.0	93.8	26
489	7650	7	17	19	103	57.5	71.8	3.8	4.0	7.8	6.1	2.9	2.1	0.8	3.0	7.4	7.9	10.8	83.3	16.7	0.0	0.0	19.0	10.0	10.0	7.0	53.9	82.9	21
490	7660	7	15	17	100	49.5	61.5	4.0	5.8	9.8	6.5	3.2	2.0	1.0	26.5	19.5	19.9	8.1	34.9	65.1	0.0	0.0	24.0	11.0	13.0	7.5	64.0	92.7	38
491	7669	7	16	18	103	78.4	83.8	4.4	9.2	13.6	6.5	3.3	2.0	5.0	23.4	6.6	6.2	6.4	20.5	79.5	0.0	0.0	20.0	10.5	10.0	7.0	62.7	78.7	32
492	7672	7	17	19	103	68.2	76.0	4.0	12.4	16.4	6.2	2.9	2.1	2.0	15.8	13.9	14.2	6.3	19.0	81.0	0.0	0.0	21.0	10.0	10.0	7.0	76.0	94.7	34
493	7673	7	16	18	100	73.2	81.0	3.4	3.4	6.8	5.8	3.0	1.9	1.8	12.2	13.0	15.1	7.2	32.8	67.2	0.0	0.0	21.5	10.5	10.0	7.0	75.7	87.5	34
494	7678	7	15	17	99	89.2	83.2	4.0	2.8	6.8	6.4	2.9	2.2	1.0	14.2	13.7	14.0	7.6	21.1	78.9	0.0	0.0	22.0	10.0	10.0	8.0	50.0	92.6	28
495	7679	7	17	19	100	66.6	74.2	3.6	3.0	6.6	6.6	2.9	2.3	1.4	12.0	13.7	13.4	8.3	30.0	70.0	0.0	0.0	22.0	10.0	11.0	7.5	72.0	91.7	36
496	7683	7	17	19	100	63.6	67.6	4.0	3.0	7.0	6.1	3.0	2.0	3.8	20.8	19.5	19.9	6.7	44.2	55.8	0.0	0.0	21.0	10.0	10.0	8.0	71.4	90.0	40
497	7686	7	14	17	103	67.2	80.0	4.0	6.8	10.8	6.2	2.9	2.1	1.6	14.4	21.3	22.7	9.2	30.6	69.4	0.0	0.0	24.0	12.0	12.0	8.0	66.7	81.8	44
498	7688	7	16	18	102	71.2	80.4	3.8	13.4	17.2	6.1	2.8	2.2	1.8	15.2	14.1	14.4	6.1	56.6	43.4	0.0	0.0	20.0	11.0	11.0	7.5	73.9	94.1	33
499	7694	7	15	17	102	60.8	75.2	4.0	7.4	11.4	6.4	3.0	2.1	2.6	9.4	9.2	11.0	7.7	38.3	61.7	0.0	0.0	21.5	10.5	10.0	7.0	55.6	70.0	30
500	7711	7	17	19	102	63.6	76.2	4.4	15.4	19.8	6.8	3.3	2.1	3.0	23.8	15.0	16.0	7.0	12.6	87.4	0.0	0.0	19.5	10.0	10.0	7.0	71.1	91.5	30
501	7734	7	16	18	103	76.4	80.2	3.6	4.8	8.4	7.4	3.1	2.4	2.4	15.4	20.4	22.7	7.7	18.2	81.8	0.0	0.0	22.5	11.0	10.5	7.0	72.9	88.4	32
502	7827	7	15	17	100	64.6	68.8	4.2	9.0	13.2	7.3	3.0	2.4	1.8	20.0	10.2	10.4	6.5	23.0	77.0	0.0	0.0	20.5	10.0	11.0	7.0	70.8	80.4	31
503	7830	7	16	18	100	78.6	78.4	4.2	4.6	8.8	6.1	3.0	2.0	1.4	19.8	14.8	15.8	7.1	24.2	75.8	0.0	0.0	22.0	10.5	10.0	7.5	70.0	87.8	30
504	7831	7	16	18	101	68.6	73.8	4.2	5.8	10.0	6.9	3.0	2.3	1.4	15.8	11.8	12.6	5.1	31.6	68.4	0.0	0.0	19.5	10.0	10.0	7.0	75.0	83.3	28
505	7845	8	15	17	100	60.0	72.8	4.0	3.8	7.8	5.3	2.8	1.9	1.0	5.0	11.1	13.3	10.0	28.0	72.0	0.0	0.0	20.0	10.0	10.0	7.5	56.0	70.0	35
506	7856	7	17	19	101	87.6	76.4	4.0	1.0	5.0	6.0	3.0	2.0	0.4	13.0	18.1	21.8	7.1	21.5	78.5	0.0	0.0	20.0	11.0	10.5	7.0	76.1	91.4	36
507	7857	7	17	19	101	66.2	74.4	4.0	7.2	11.2	6.8	3.1	2.2	2.0	17.2	16.8	16.4	6.6	22.1	77.9	0.0	0.0	21.0	10.0	10.0	7.0	73.7	90.5	30
508	7859	7	16	18	102	55.6	63.8	4.0	5.8	9.8	6.5	2.8	2.3	1.8	15.2	10.7	10.9	7.2	17.1	82.9	0.0	0.0	22.0	10.0	11.5	7.0	72.7	75.0	34
509	7860	7	17	19	102	67.2	71.2	4.0	14.4	18.4	6.9	3.1	2.2	4.4	30.0	13.4	14.9	5.7	30.0	70.0	0.0	0.0	22.0	11.0	10.0	7.0	54.6	69.6	30
510	7862	7	17	19	102	67.4	78.8	4.0	12.0	16.0	6.0	3.0	2.0	3.4	25.0	10.6	12.2	5.9	37.6	62.4	0.0	0.0	20.0	10.0	10.5	7.0	70.7	90.6	32

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
511	7864	--	VR 3360	IND	VUL	4	2	0	5	2	1	0	2	2	3	2	3	5	3	11	1	1	1
512	7866	--	VR 3362	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	0	3	3	11	2	1	1
513	7868	--	VR 3364	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	5	5	10	2	2	2	2
514	7869	--	VR 3366	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	5	3	11	1	1	1
515	7874	--	VR 3373	IND	VUL	3	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
516	7879	--	VR 3378	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
517	7880	--	VR 3380	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	0	3	3	11	1	1	1
518	7883	--	VR 3383	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
519	7884	--	VR 3384	IND	VUL	4	2	0	3	2	1	+	2	2	2	2	3	5	3	11	2	1	1
520	7886	--	VR 3387	IND	VUL	4	2	0	5	1	2	+	2	2	2	3	2	0	3	11	1	1	1
521	7888	--	VR 3389	IND	VUL	4	2	0	3	1	1	0	2	2	2	2	3	3	3	11	1	1	1
522	7893	--	VR 3396	IND	VUL	4	2	0	3	2	1	0	2	2	2	2	0	5	3	11	2	1	1
523	7900	--	VR 3403	IND	VUL	4	2	+	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
524	10364	1785	EC 24374	ARG	VUL	4	2	0	5	1	1	0	1	2	3	2	3	5	3	11	1	1	1
525	10389	1956	NG 70	IND	VUL	4	2	0	5	1	2	0	2	1	3	1	3	7	3	10	2	1	1
526	10395	2048	AH 7158	CUB	VUL	4	2	0	5	1	2	+	1	2	3	2	3	5	3	13	2	1	2
527	10416	2152	U 2-12-1	ZAR	VUL	4	2	+	5	1	2	+	1	2	3	2	3	3	3	11	1	1	1
528	10532	3724	AH 4218	IND	VUL	4	2	+	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
529	10534	3730	MANFREDI 109	ARG	VUL	4	2	0	5	1	1	+	1	2	3	2	0	5	3	11	1	1	1
530	10630	4581	ACHOLI WHITE	UGA	VUL	4	2	0	5	1	1	0	1	2	3	2	3	3	3	11	1	1	1
531	10657	4628	RS 69	IND	VUL	4	2	0	5	1	2	0	1	2	3	2	3	5	3	11	1	1	1
532	10807	6487	S 722	MWI	VUL	4	2	0	5	2	1	0	2	2	3	2	3	5	3	11	2	1	1
533	10808	6499	B 701	MWI	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	1	1	1
534	10809	6501	B 717	MWI	VUL	4	2	0	5	1	1	+	1	2	3	2	5	3	5	11	2	1	2
535	10812	6512	153-336	MWI	VUL	4	2	0	5	2	1	0	2	2	3	2	3	5	3	11	1	1	1
536	10813	6528	43 G 68	ZAF	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	1	1	1
537	10838	6699	RCM 494	PRY	VUL	4	2	0	5	1	2	0	1	2	3	2	3	5	3	17	1	1	1
538	10848	6769	RED MANYEMA 389	SUN	VUL	4	2	0	3	2	1	+	2	2	3	2	3	5	3	13	1	1	1
539	10945	8477	RG 99	USA	VUL	4	2	0	3	1	2	0	2	2	3	2	0	3	3	13	2	1	2
540	10980	9375	59-482	GNQ	VUL	4	2	+	5	1	2	0	2	1	3	1	3	5	3	11	2	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
511	7864	7	17	19	102	56.4	64.6	4.0	17.0	21.0	7.1	3.0	2.4	4.8	33.6	7.1	79	68	22.6	77.4	0.0	0.0	21.0	10.0	10.0	7.0	70.9	83.1	34
512	7866	7	17	19	99	66.4	82.2	4.2	9.0	13.2	7.3	3.6	2.0	2.8	28.0	14.3	159	59	21.4	78.6	0.0	0.0	20.0	10.0	10.0	7.0	73.2	86.7	34
513	7868	7	15	17	101	61.2	73.6	3.8	12.0	15.8	7.0	3.0	2.3	2.8	32.0	17.2	192	71	17.5	82.5	0.0	0.0	20.0	10.0	10.0	7.5	72.3	90.5	30
514	7869	7	16	18	103	64.4	78.6	4.0	4.0	8.0	6.6	3.0	2.2	2.4	21.0	20.8	157	74	25.7	74.3	0.0	0.0	23.0	10.0	10.0	8.0	67.6	88.0	30
515	7874	7	16	18	103	61.4	69.4	4.2	3.0	7.2	6.1	2.7	2.3	1.2	13.2	12.0	133	66	21.2	78.8	0.0	0.0	20.0	10.0	11.0	8.0	72.4	90.5	30
516	7879	7	17	19	102	60.0	66.2	4.0	3.6	7.6	6.2	2.7	2.3	2.0	4.0	10.8	110	55	25.0	75.0	0.0	0.0	22.0	11.0	11.0	7.0	63.6	71.4	22
517	7880	7	17	19	100	70.4	79.2	4.0	6.2	10.2	7.0	3.4	2.1	1.6	19.4	16.8	172	63	22.7	77.3	0.0	0.0	21.0	10.0	10.0	7.0	72.1	77.3	32
518	7883	7	17	19	100	61.2	85.2	4.2	5.0	9.2	7.1	3.1	2.3	1.0	15.4	19.1	212	79	18.2	81.8	0.0	0.0	22.0	10.0	11.5	7.0	72.1	84.1	30
519	7884	7	17	19	100	61.6	59.8	3.8	15.2	19.0	6.8	3.1	2.2	3.6	27.2	11.1	109	59	39.7	60.3	0.0	0.0	24.0	11.0	10.0	7.0	51.3	71.2	32
520	7886	7	16	18	102	56.8	74.6	4.0	8.4	12.4	6.8	3.2	2.1	1.4	18.4	18.2	203	75	16.3	83.7	0.0	0.0	23.0	10.0	10.0	7.5	69.6	85.4	36
521	7888	7	17	19	100	64.4	74.2	4.0	6.4	10.4	7.1	3.1	2.3	5.2	21.4	17.6	203	63	36.4	63.6	0.0	0.0	22.0	10.5	10.0	7.0	70.2	85.1	34
522	7893	7	18	20	100	47.0	60.8	3.8	4.2	8.0	6.0	2.9	2.1	3.0	20.2	15.3	184	54	35.6	64.4	0.0	0.0	20.5	10.5	10.0	7.5	67.3	75.7	30
523	7900	7	17	19	103	56.4	68.0	3.8	7.0	10.8	6.7	2.6	2.6	1.0	25.4	14.7	124	65	19.7	80.3	0.0	0.0	20.0	11.0	10.5	7.0	61.0	72.0	32
524	10364	8	18	20	107	67.6	78.8	4.0	16.0	20.0	5.9	2.2	2.7	1.6	11.6	13.2	84	80	34.5	60.3	5.2	0.0	22.0	12.0	10.5	7.0	66.1	91.9	36
525	10389	7	15	19	103	53.8	67.6	4.2	12.4	16.6	4.7	2.4	2.0	10.0	27.0	21.0	191	78	28.9	71.1	0.0	0.0	24.0	11.5	12.0	7.5	69.5	87.7	40
526	10395	7	17	20	103	59.0	68.6	4.0	7.6	11.6	5.0	2.6	1.9	2.2	17.6	12.4	135	70	22.7	77.3	0.0	0.0	22.0	10.0	11.0	7.0	59.7	86.5	30
527	10416	8	17	19	107	50.0	64.0	4.0	13.6	17.6	4.8	2.0	2.4	1.2	14.8	14.2	86	96	12.2	81.1	6.8	0.0	27.0	11.5	11.0	7.0	54.9	94.9	26
528	10532	8	18	20	103	53.4	70.2	4.0	15.4	19.4	5.0	2.0	2.5	2.0	22.4	16.4	109	73	18.8	81.3	0.0	0.0	21.0	10.0	10.0	7.5	64.6	90.6	24
529	10534	8	18	20	103	45.6	64.2	4.0	23.6	27.6	5.2	2.2	2.4	0.8	28.4	18.5	78	65	31.7	68.3	0.0	0.0	20.0	10.0	10.0	7.5	63.0	93.1	24
530	10630	8	18	20	103	52.6	66.8	4.0	10.6	14.6	4.8	2.2	2.2	1.6	22.4	15.5	121	69	17.0	83.0	0.0	0.0	22.5	10.0	11.5	7.5	71.4	92.7	26
531	10657	8	18	20	103	50.0	61.6	3.6	16.2	19.8	5.3	2.3	2.3	1.4	23.2	13.5	97	58	31.9	68.1	0.0	0.0	20.0	11.0	10.5	7.5	70.2	87.2	26
532	10807	7	17	20	123	65.8	77.6	4.0	6.6	10.6	4.8	2.5	1.9	16.0	15.2	8.0	112	53	28.9	71.0	0.0	0.0	18.0	10.0	10.0	7.0	74.0	90.6	24
533	10808	7	16	20	103	53.8	72.8	4.2	8.6	12.8	4.7	2.4	2.0	10.0	13.0	13.0	97	100	15.4	84.6	0.0	0.0	21.5	11.0	11.0	7.0	69.2	77.8	34
534	10809	7	16	21	103	62.2	68.8	4.0	7.0	11.0	6.5	3.0	2.2	6.0	21.4	18.6	114	87	24.3	75.7	0.0	0.0	27.0	11.0	13.0	8.0	67.7	95.2	50
535	10812	7	17	20	103	58.0	69.2	4.0	13.4	17.4	6.5	3.1	2.1	3.8	28.0	15.2	129	54	21.4	78.6	0.0	0.0	18.5	10.0	9.0	7.0	73.3	86.2	28
536	10813	7	15	20	105	56.0	66.5	4.0	3.8	7.8	6.8	3.0	2.3	12.5	9.3	9.0	158	97	37.8	62.2	0.0	0.0	22.5	11.0	12.0	8.0	73.8	92.9	32
537	10838	7	17	20	103	57.4	68.2	4.0	7.4	11.4	6.7	2.5	2.7	2.8	21.8	12.4	111	57	34.9	65.1	0.0	0.0	18.0	10.0	10.0	7.0	72.6	93.3	22
538	10848	7	15	19	102	54.4	67.4	4.2	0.8	5.0	6.3	2.8	2.3	8.0	17.2	12.4	87	72	36.0	64.0	0.0	0.0	21.0	10.0	12.0	7.5	69.3	95.3	26
539	10945	8	18	20	103	63.0	74.6	4.0	12.0	16.0	5.4	2.3	2.3	6.8	38.0	25.1	119	66	23.2	63.2	13.7	0.0	24.0	11.0	11.0	7.5	50.4	90.5	34
540	10980	8	18	20	104	50.4	62.4	4.0	22.6	26.6	4.4	2.2	2.0	2.0	7.6	6.4	56	84	28.9	57.9	13.2	0.0	23.0	10.0	11.0	7.0	72.1	80.0	28

Passport information					Qualitative traits																		
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
541	10991	9886	ZM 2156	ZMB	VUL	4	2	+	5	2	1	+	2	2	3	2	0	3	5	10	2	1	2
542	10993	9974	RCM 529-1	PRY	VUL	4	2	0	3	1	2	0	2	2	3	2	3	3	3	13	2	1	2
543	10998	10024	SPZ 469 FLESH	PER	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	2	1	2
544	11026	10371	NAN 212	NGA	VUL	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
545	11040	10484	TIPO 7	ARG	VUL	4	2	+	3	1	1	+	1	2	3	2	3	5	3	13	2	1	2
546	11041	10490	PI 259749	PER	VUL	3	2	0	3	1	2	0	2	1	3	1	5	3	3	10	2	1	1
547	11066	10927	SPZ 468 GASP	PER	VUL	3	2	0	5	2	1	0	2	2	3	2	3	3	7	10+2	2	2	2
548	11162	6058	MS 13	ZWE	VUL	4	2	+	3	1	1	0	2	2	3	2	3	5	3	1	1	1	1
549	11175	6175	LARGE NATAL 47	ZWE	VUL	4	2	0	5	2	1	0	2	2	3	2	3	3	3	11	2	1	2
550	11181	6214	RCM 506	PRY	VUL	4	2	+	5	1	2	0	2	2	3	2	3	7	3	11	2	1	1
551	11201	6381	KABOTA WHITE	ZAF	VUL	4	2	0	3	1	1	+	2	1	3	1	0	3	3	13	1	1	1
552	11204	6472	S 723	UGA	VUL	4	2	0	3	2	1	+	2	2	3	2	3	7	3	11	1	1	1
553	11220	6573	MANI 39	ARG	VUL	4	2	0	3	2	1	0	2	2	3	2	3	5	3	11	2	1	1
554	11229	6654	SAM COL. 262	UNK	VUL	3	2	+	5	2	2	+	2	2	3	2	5	9	3	10+1	2	1	1
555	11231	6663	MF 2	ARG	VUL	3	2	0	5	1	1	+	2	1	3	2	3	7	3	11	2	1	2
556	11232	6676	STRAIN 41	ZWE	VUL	4	2	+	3	1	1	0	2	1	3	1	5	7	5	11	2	1	2
557	11238	6697	RCM 491	PRY	VUL	4	2	0	3	1	1	0	1	2	3	2	5	3	5	17	1	1	1
558	11251	6779	IMPERIAL SPANIS	IRN	VUL	4	2	0	3	1	1	+	2	1	3	1	3	5	3	11	2	1	2
559	11466	10493	RCM 453-2	ARG	VUL	4	2	0	3	1	1	+	2	2	3	2	3	3	3	17	2	1	1
560	11495	11482	280-3	ISR	VUL	4	2	+	5	2	1	0	2	2	3	2	3	5	5	17	2	1	2
561	11586	10030	SPZ 474 GASP	PER	VUL	4	2	0	3	1	2	0	2	1	3	1	3	3	3	11	2	1	2
562	11587	10032	SPZ 476 FLESH	PER	VUL	4	2	0	5	1	2	0	2	1	3	1	3	3	3	11	2	1	2
563	11624	33	RS 114	IND	VUL	3	2	0	3	1	1	0	2	2	3	2	3	3	0	10	1	1	1
564	11645	1542	AH 7254	SDN	VUL	3	2	0	3	1	1	0	2	2	3	2	3	5	3	1	1	1	1
565	11647	1686	F 8	USA	VUL	3	2	0	5	2	1	+	2	2	3	2	0	9	0	11	2	1	2
566	11649	1861	FD 7-1	IND	VUL	3	2	0	3	1	1	+	2	1	3	1	3	3	3	11	2	1	1
567	11652	2182	AH 2615-1	IND	VUL	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	1	1	1
568	11653	2187	AH 4104-1	IND	VUL	3	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
569	11654	2218	NG 5144	IND	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	13	2	1	1
570	11656	2409	VRR 2	IND	VUL	3	2	0	5	1	1	+	2	1	3	1	5	9	5	11	2	1	1

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
541	10991	8	18	20	105	53.0	65.6	4.0	2.6	6.6	6.2	2.5	2.5	1.8	17.4	21.4	180	123	35.6	64.4	0.0	0.0	23.0	13.0	13.0	8.0	55.8	95.9	38
542	10993	8	16	18	105	69.6	85.2	4.0	11.6	15.6	5.2	2.0	2.6	1.6	9.0	11.4	169	127	8.9	40.0	51.1	0.0	25.0	11.0	10.0	8.0	68.4	94.9	32
543	10998	8	16	18	107	42.4	52.2	4.0	5.6	9.6	4.7	2.1	2.2	4.8	22.4	19.5	75	66	14.3	85.7	0.0	0.0	26.0	11.0	10.0	6.5	56.7	85.2	24
544	11026	8	14	16	103	65.0	74.8	4.0	9.6	13.6	5.1	2.0	2.6	2.4	24.4	26.6	178	109	36.9	26.2	36.9	0.0	24.5	13.0	11.5	7.0	57.9	94.8	26
545	11040	8	13	16	107	52.0	59.6	4.0	10.8	14.8	5.0	2.2	2.3	1.0	12.2	17.2	105	141	22.9	57.4	19.7	0.0	22.0	11.0	11.0	7.5	50.4	92.3	34
546	11041	8	14	16	102	50.6	58.6	4.0	11.2	15.2	4.4	2.1	2.1	1.0	19.0	16.0	190	84	35.8	64.2	0.0	0.0	23.5	12.0	11.0	7.0	70.0	85.7	40
547	11066	8	16	18	103	40.8	58.2	4.0	7.4	11.4	4.3	2.0	2.2	2.6	18.6	19.2	46	103	14.0	21.5	64.5	0.0	27.0	11.0	11.0	7.0	62.5	95.0	26
548	11162	7	19	22	104	58.8	62.0	4.0	5.2	9.2	6.8	2.9	2.3	3.2	24.6	17.6	81	72	42.3	57.7	0.0	0.0	21.0	11.0	10.0	7.5	50.5	90.9	30
549	11175	7	15	19	105	51.8	61.2	4.0	1.6	5.6	6.3	4.5	1.4	8.0	14.0	15.0	197	107	11.4	88.6	0.0	0.0	22.0	10.5	11.0	7.0	69.3	94.2	40
550	11181	7	20	23	103	61.0	69.2	4.0	5.2	9.2	6.3	2.9	2.2	8.0	20.4	15.4	177	75	25.5	74.5	0.0	0.0	25.0	11.0	11.0	7.0	61.0	89.4	30
551	11201	7	19	21	103	58.2	62.8	4.0	14.2	18.2	7.5	3.1	2.4	16.0	7.0	5.2	67	74	37.1	62.9	0.0	0.0	20.5	11.0	10.0	8.0	53.9	78.6	29
552	11204	7	16	20	103	48.8	55.8	4.2	7.0	11.2	6.4	2.9	2.2	2.6	28.0	17.2	189	61	35.0	65.0	0.0	0.0	20.0	10.0	10.0	7.5	73.3	93.7	24
553	11220	7	18	22	103	61.0	63.4	3.6	1.8	5.4	4.8	2.6	1.8	0.0	10.6	10.4	223	98	18.9	81.1	0.0	0.0	20.0	10.0	10.0	8.0	73.1	96.1	23
554	11229	7	16	22	102	70.6	67.2	2.8	1.6	4.4	6.4	2.8	2.3	5.2	27.4	14.8	83	54	54.0	29.9	16.1	0.0	28.5	11.0	11.5	6.5	58.1	79.1	24
555	11231	7	16	19	107	47.0	53.4	4.0	19.2	23.2	6.3	3.0	2.1	2.8	21.4	13.4	130	63	44.9	55.1	0.0	0.0	27.0	11.0	11.5	7.0	59.7	90.0	24
556	11232	7	17	20	103	71.0	85.0	4.0	5.0	9.0	7.4	3.4	2.2	12.0	11.8	13.8	173	117	27.1	72.9	0.0	0.0	22.0	11.0	11.5	7.5	63.8	95.5	40
557	11238	7	17	20	103	53.8	64.6	3.6	4.8	8.4	5.9	2.7	2.2	16.0	9.6	6.6	152	69	16.7	83.3	0.0	0.0	20.0	10.0	10.0	7.0	72.8	88.0	28
558	11251	7	19	21	107	50.4	56.8	4.0	13.4	17.4	6.2	3.1	2.0	5.8	19.2	13.4	86	70	24.0	76.0	0.0	0.0	24.0	11.0	10.0	7.0	65.7	86.4	38
559	11466	8	18	20	103	56.6	68.2	4.0	10.0	14.0	5.0	2.2	2.3	3.8	27.8	19.5	140	70	17.3	82.7	0.0	0.0	21.5	10.0	11.0	7.0	54.6	84.9	28
560	11495	8	17	19	103	43.8	53.2	4.0	6.8	10.8	4.7	2.1	2.2	1.8	14.0	16.9	113	121	31.4	54.3	14.3	0.0	32.0	10.5	13.0	7.5	52.9	86.7	34
561	11586	8	16	18	103	59.4	66.8	4.0	7.8	11.8	5.5	2.3	2.4	2.0	14.4	13.4	122	93	19.4	80.6	0.0	0.0	24.0	12.0	12.5	7.5	64.2	88.4	36
562	11587	8	13	15	105	52.6	74.2	4.0	4.8	8.8	5.2	2.3	2.3	1.8	22.8	20.3	86	89	13.2	39.5	47.4	0.0	24.5	11.0	10.5	7.0	61.8	77.8	30
563	11624	7	21	23	105	44.4	59.0	4.0	10.6	14.6	5.7	2.5	2.3	2.0	12.6	5.6	63	56	12.7	87.3	0.0	0.0	19.0	10.5	10.0	7.0	64.4	85.0	24
564	11645	7	18	21	103	60.6	65.4	4.0	14.2	18.2	6.6	3.1	2.1	18.0	19.6	14.6	111	74	36.7	63.3	0.0	0.0	22.0	12.0	11.0	7.0	50.5	90.3	30
565	11647	7	20	23	106	63.8	76.0	4.0	8.8	12.8	5.8	2.3	2.5	17.5	19.0	12.8	132	67	35.5	64.5	0.0	0.0	20.0	11.0	11.0	6.5	56.9	70.7	30
566	11649	7	18	21	105	64.3	79.5	4.0	5.5	9.5	6.6	3.1	2.1	5.0	18.3	15.3	180	84	24.7	75.3	0.0	0.0	21.0	10.5	11.0	8.0	72.1	86.4	28
567	11652	7	21	24	102	53.2	63.8	4.0	14.4	18.4	6.1	2.7	2.3	2.8	16.8	9.0	62	54	15.5	84.5	0.0	0.0	20.0	10.0	10.0	7.0	72.6	91.2	36
568	11653	7	17	20	105	63.2	75.4	4.0	20.6	24.6	6.8	3.2	2.1	3.0	30.6	19.2	144	63	20.9	79.1	0.0	0.0	21.0	10.0	10.0	6.5	68.8	86.4	28
569	11654	7	18	21	107	62.4	80.6	4.2	10.6	14.8	4.9	2.6	1.9	2.0	6.6	6.0	66	91	45.5	54.5	0.0	0.0	22.0	12.0	11.0	7.0	70.0	90.5	32
570	11656	7	17	20	103	63.8	72.2	4.0	6.6	10.6	7.1	3.1	2.3	2.4	23.2	22.4	195	97	31.0	69.0	0.0	0.0	27.0	11.0	13.0	8.0	66.1	87.8	40

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
571	11657	2412	VRR 5	IND	VUL	4	2	0	5	2	1	0	2	2	3	2	3	3	3	11	1	1	1
572	11660	2433	VRR 26	IND	VUL	4	2	+	5	2	1	0	2	1	3	1	0	3	3	11	1	1	1
573	11669	3259	U 4-47-1	ZAR	VUL	4	2	0	3	2	2	0	2	2	3	2	3	5	3	11	1	1	1
574	11674	4837	AH 6478	EGY	VUL	3	2	0	5	1	1	0	1	2	3	2	3	9	3	1	2	1	1
575	11680	5229	EC 24444	ARG	VUL	4	2	0	3	2	1	0	2	1	3	1	3	7	3	11	1	1	1
576	11681	5273	MATJAN	IDN	VUL	4	2	0	5	1	1	+	2	1	3	1	3	5	5	11	2	1	2
577	11692	6098	NCAC 817	BRA	VUL	3	3	0	3	1	1	0	2	1	3	1	5	5	5	10	2	1	2
578	11696	6158	NCAC 2869	UNK	VUL	4	2	0	5	1	1	0	1	1	3	1	3	5	5	11	2	1	1
579	11700	6263	VOLETE DE GRAND	BFA	VUL	4	2	0	3	1	1	0	1	2	3	2	3	3	3	11	1	1	1
580	11701	6273	WCG 154	BRA	VUL	3	2	0	5	1	1	0	2	2	3	2	5	5	5	10	2	1	1
581	11706	6335	75-24	BFA	VUL	3	2	+	5	2	1	+	2	1	3	1	3	3	3	13	2	1	1
582	11716	6417	SCHWARZ 21	IDN	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	2
583	11717	6420	VALENCIA EX ISR	ISR	VUL	4	2	0	1	1	1	0	2	2	3	2	3	7	3	11	2	1	1
584	11726	6463	SAM COL. 289	UNK	VUL	4	3	0	3	1	1	0	1	1	3	1	3	3	0	13	2	1	2
585	11728	6471	WJR 362	SUN	VUL	4	2	0	3	1	1	+	2	2	3	2	3	7	3	10	2	1	1
586	11729	6484	B 732	MWI	VUL	4	2	0	5	2	1	0	2	2	3	2	3	5	3	11	1	1	1
587	11730	6485	B 733	MWI	VUL	4	2	0	5	1	1	+	2	2	3	2	3	5	3	11	2	1	1
588	11731	6488	S 726	MWI	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	2	1	2
589	11732	6490	KCA-S/A 6	ZAF	VUL	4	2	0	3	1	1	0	2	2	3	2	3	5	3	11	2	1	1
590	11733	6496	B 353	MWI	VUL	4	2	0	5	2	1	0	1	2	3	2	3	5	3	11	1	1	1
591	11734	6500	B 703	MWI	VUL	4	2	0	3	1	1	0	2	2	3	2	0	3	3	11	1	1	1
592	11735	6509	TESO BUNCH	UGA	VUL	4	2	0	5	1	1	0	2	2	3	2	3	7	3	11	1	1	1
593	11736	6529	52-11	MWI	VUL	4	2	0	5	1	2	0	2	2	3	2	3	3	3	11	1	1	1
594	11747	6658	NCAC 422	USA	VUL	4	2	0	5	2	1	0	2	2	3	2	3	5	3	10	2	1	1
595	11755	6692	TURO	ZWE	VUL	4	2	+	3	1	2	+	3	2	3	2	3	3	3	13	2	1	2
596	11757	6716	SPANISH 57	ZWE	VUL	4	2	0	5	1	1	0	2	2	3	2	3	5	3	11	1	1	1
597	11769	6778	SB 110	ZWE	VUL	4	2	0	5	1	1	0	2	1	3	1	3	7	3	11	2	1	2
598	11770	6783	MANI INDIO-A	ARG	VUL	4	2	0	1	2	2	0	2	1	3	1	3	3	3	17	1	1	1
599	1028	--	NCAC 9499	SDN	FST	4	2	0	3	1	1	+	1	1	2	1	5	3	5	13	1	2	1
600	1084	--	NCAC 569	TZA	FST	4	2	0	3	2	1	+	2	2	2	2	3	5	3	13	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
571	11657	7	15	20	103	64.6	69.6	4.0	3.0	7.0	6.3	3.0	2.1	10.0	19.8	9.6	188	74	36.4	63.6	0.0	0.0	23.0	11.0	12.0	8.0	66.7	84.4	32
572	11660	8	21	25	107	57.4	67.6	4.0	14.4	18.4	6.0	2.6	2.3	5.2	15.2	9.6	124	63	27.6	72.4	0.0	0.0	20.0	12.0	10.0	7.0	64.6	83.9	28
573	11669	7	18	21	108	59.4	68.0	4.0	2.2	6.2	6.8	3.1	2.2	16.0	20.0	13.0	168	65	20.0	80.0	0.0	0.0	20.0	10.5	10.0	7.0	72.4	83.7	45
574	11674	7	21	24	107	43.2	46.6	4.2	11.8	16.0	6.6	2.8	2.4	4.6	10.4	3.6	101	58	42.3	57.7	0.0	0.0	24.0	12.0	10.0	6.5	55.6	80.0	20
575	11680	7	16	20	103	43.8	58.6	4.0	3.6	7.6	5.0	2.6	1.9	14.0	21.4	11.8	106	55	39.3	60.8	0.0	0.0	20.0	10.0	10.0	8.0	67.8	92.5	22
576	11681	7	18	21	108	60.0	64.2	4.0	15.6	19.6	6.0	2.8	2.1	3.6	18.4	16.8	87	91	29.4	66.3	4.3	0.0	23.0	11.0	10.0	7.0	57.1	83.3	40
577	11692	7	20	23	107	46.6	59.6	4.0	23.0	27.0	5.4	2.6	2.1	4.6	11.0	15.2	86	138	58.2	41.8	0.0	0.0	29.0	13.0	14.0	8.0	52.6	97.5	48
578	11696	7	19	21	122	49.8	57.4	4.0	7.4	11.4	5.9	2.6	2.3	0.0	9.6	17.2	103	179	35.4	64.6	0.0	0.0	22.0	12.0	12.0	7.5	69.8	85.0	48
579	11700	7	16	19	102	59.2	75.0	4.0	8.2	12.2	5.7	3.3	1.7	2.2	24.4	13.2	63	54	32.8	67.2	0.0	0.0	23.0	11.0	11.0	7.0	66.7	90.9	26
580	11701	7	21	23	103	51.4	59.6	4.0	25.8	29.8	5.3	2.7	2.0	9.4	39.2	22.0	78	56	38.8	61.2	0.0	0.0	19.5	10.0	10.0	6.5	61.8	86.8	26
581	11706	7	16	20	105	53.2	59.8	4.0	13.4	17.4	6.3	3.0	2.1	2.0	18.4	17.4	55	95	19.6	80.4	0.0	0.0	22.0	11.5	11.0	8.0	60.9	94.3	22
582	11716	7	19	21	107	57.6	63.2	4.0	21.6	25.6	7.5	3.3	2.3	4.2	19.8	17.8	158	90	22.2	69.7	8.1	0.0	22.0	12.0	11.5	7.0	62.9	80.4	32
583	11717	7	16	18	105	44.6	57.6	3.8	2.2	6.0	5.4	2.4	2.3	2.0	22.6	17.6	211	78	33.6	66.4	0.0	0.0	21.0	10.0	11.0	7.0	64.8	87.7	40
584	11726	7	22	24	108	65.0	88.8	4.4	13.4	17.8	6.3	2.6	2.4	2.6	9.0	6.0	39	67	24.4	75.6	0.0	0.0	20.0	11.0	10.5	8.0	63.3	84.2	30
585	11728	7	20	22	104	45.6	55.4	4.2	13.0	17.2	5.7	2.7	2.1	4.0	22.0	14.6	85	66	30.9	69.1	0.0	0.0	25.0	10.0	10.0	6.5	65.8	85.4	40
586	11729	7	16	20	102	57.6	71.0	4.2	5.2	9.4	6.6	3.0	2.2	2.4	17.6	14.6	199	83	20.4	79.5	0.0	0.0	22.0	10.0	11.0	7.5	72.6	84.9	38
587	11730	7	20	21	103	61.6	68.0	4.0	7.8	11.8	6.5	2.9	2.2	8.0	15.4	15.2	106	99	18.2	81.8	0.0	0.0	26.0	11.0	11.5	8.0	71.0	94.4	36
588	11731	7	17	20	103	64.0	75.2	3.6	4.2	7.8	5.4	2.5	2.2	10.0	11.4	11.4	181	88	26.3	73.7	0.0	0.0	20.0	11.0	11.0	7.0	67.4	91.4	40
589	11732	7	16	21	105	65.0	75.6	4.0	2.2	6.2	6.2	2.9	2.1	12.0	21.0	14.0	194	67	19.1	81.0	0.0	0.0	21.0	10.0	10.0	7.0	62.9	81.8	32
590	11733	7	15	17	103	47.4	54.8	4.0	5.2	9.2	5.3	2.6	2.0	8.0	17.2	13.2	118	77	36.0	64.0	0.0	0.0	21.5	11.5	11.0	7.0	71.2	95.7	34
591	11734	7	17	21	105	55.5	66.5	4.0	6.3	10.3	7.2	3.0	2.4	3.0	18.3	11.3	133	62	16.4	83.6	0.0	0.0	20.0	11.0	10.0	7.0	71.1	93.8	22
592	11735	7	19	21	103	57.0	64.2	4.0	5.2	9.2	5.8	2.7	2.1	6.0	17.4	11.6	155	67	34.5	65.5	0.0	0.0	20.0	11.0	10.0	7.0	72.9	95.5	35
593	11736	7	17	21	102	67.6	81.0	4.0	6.0	10.0	6.5	3.0	2.2	16.0	19.0	12.0	143	63	18.9	81.0	0.0	0.0	20.5	10.0	10.0	7.5	72.7	82.6	40
594	11747	7	18	20	103	47.4	54.8	4.2	4.2	8.4	6.3	2.6	2.4	2.4	15.2	11.4	129	75	18.4	81.6	0.0	0.0	26.5	10.0	11.5	7.0	71.9	85.4	32
595	11755	7	17	20	107	72.8	81.4	3.8	5.0	8.8	5.7	2.5	2.3	14.0	4.2	4.0	99	95	23.8	76.2	0.0	0.0	21.0	11.0	10.0	7.5	70.0	78.6	22
596	11757	7	17	20	104	61.8	66.8	4.0	4.2	8.2	7.1	3.0	2.4	10.0	14.2	9.8	157	69	26.8	73.2	0.0	0.0	19.0	10.0	10.0	7.0	71.4	88.6	32
597	11769	7	17	19	103	50.6	65.6	4.0	12.6	16.6	6.4	3.0	2.1	3.6	33.8	25.4	127	75	38.5	61.5	0.0	0.0	25.0	12.0	12.5	7.0	65.3	85.5	43
598	11770	7	15	19	105	61.0	62.8	3.8	10.0	13.8	5.3	2.5	2.1	4.2	12.0	6.8	71	57	6.7	93.3	0.0	0.0	19.5	11.0	10.0	7.0	64.7	86.4	22
599	1028	7	17	19	102	54.8	59.2	4.0	9.0	13.0	6.1	2.8	2.2	1.0	4.8	2.1	55	75	25.0	16.7	58.3	0.0	24.0	10.0	10.5	6.5	52.9	88.6	22
600	1084	7	15	17	106	62.6	78.6	4.0	25.0	29.0	6.5	2.8	2.3	2.6	6.8	8.5	76	121	14.7	38.2	47.1	0.0	29.0	12.0	10.5	7.0	58.8	80.0	34

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
601	1205	--	NCAC 17525	BRA	FST	4	2	0	5	1	2	+	2	2	3	2	5	3	3	17	2	1	2
602	1206	--	NCAC 17533	BRA	FST	4	2	+	5	1	2	+	2	2	3	2	5	3	3	17	2	1	1
603	1439	--	TAIWAN NO.2	TWN	FST	4	2	+	5	1	1	+	1	2	3	2	3	3	3	11	2	1	2
604	1512	--	PI 202030	BRA	FST	4	2	0	5	2	1	+	1	1	2	1	3	3	3	13	2	1	2
605	1545	--	PI 275734-1	BRA	FST	4	2	+	5	2	1	+	1	2	2	2	5	5	3	11	2	1	1
606	1596	--	DS.MC KERREL STRAIN	UNK	FST	4	3	+	3	1	1	+	1	2	2	2	3	5	3	13	2	1	2
607	1604	--	PI 261924	ARG	FST	4	2	+	5	2	1	+	2	1	2	1	5	3	5	17	2	1	2
608	1632	--	Q 119	ZAR	FST	4	2	0	5	1	1	+	1	2	3	2	5	5	3	11	2	1	1
609	1727	--	NCAC 16126	BRA	FST	4	2	0	5	2	1	+	2	2	3	2	3	3	3	1	2	1	2
610	2215	--	ALMOL NO.1	IND	FST	4	2	+	5	2	1	+	2	2	3	2	3	3	3	13	2	1	2
611	2321	--	PI 161296	ARG	FST	4	2	+	3	2	1	0	3	2	2	2	3	3	3	13	2	1	2
612	2323	--	PI 162656	URY	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	2
613	2325	--	PI 226249	ZAF	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
614	2375	--	KOPERGAON-3	IND	FST	4	3	+	5	2	1	+	2	2	3	2	3	3	3	13	2	1	2
615	2429	--	RUSSIAN IMPROVED I	SUN	FST	4	2	0	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
616	2441	--	SPANISH PEANUT	IND	FST	4	2	+	3	2	1	+	1	2	2	2	3	5	3	13	2	1	2
617	2444	--	SPANISH 191-1	IND	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	11	2	1	2
618	2505	--	VALENCIA TYPE	TTO	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	2
619	2514	--	YOU-KA-CHI	TWN	FST	4	2	+	3	1	1	+	1	2	2	2	3	3	3	13	2	1	2
620	2567	--	719	IND	FST	4	2	0	5	2	2	0	2	1	3	1	5	5	5	17	2	1	2
621	3889	--	SIR OF DURGAPUR	IND	FST	4	2	0	5	1	1	+	2	2	2	2	3	3	3	13	1	1	1
622	4095	--	56-106-1	UNK	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	2
623	4140	--	45-28	IND	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	17	2	1	2
624	4293	--	NFG 290	UNK	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
625	5159	--	NAGPUR LOCAL	IND	FST	4	2	+	3	1	1	+	2	1	2	1	3	3	3	13	2	1	2
626	5239	--	U-2-1-10	MUS	FST	4	2	0	3	1	1	+	2	2	2	2	3	3	3	13	2	1	2
627	5245	--	U-2-1-25	SDN	FST	4	2	+	3	1	1	+	2	2	2	2	3	3	3	13	2	1	2
628	5292	--	U-4-47-21	ARG	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	2
629	5346	--	US 6	ARG	FST	4	2	+	3	2	1	+	1	2	2	2	3	5	3	13	2	1	2
630	6760	--	AH 3648	IND	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	2

Quantitative traits

No.	NRCG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
601	1205	7	15	17	100	67.4	88.0	4.0	8.0	12.0	5.8	2.3	2.5	1.8	11.0	7.3	64	85	12.7	40.0	47.3	0.0	21.0	11.5	10.0	7.0	63.8	73.3	27
602	1206	7	16	18	100	58.0	65.0	4.0	8.4	12.4	6.2	2.4	2.6	2.0	11.2	7.0	53	75	25.0	50.0	25.0	0.0	25.0	13.0	12.0	7.0	59.5	80.0	26
603	1439	7	16	18	98	60.8	69.0	3.8	9.0	12.8	6.2	2.6	2.4	2.4	12.2	10.5	126	93	11.5	36.1	52.5	0.0	25.5	13.0	11.0	7.5	63.2	77.8	32
604	1512	7	15	17	96	54.8	70.0	4.0	14.6	18.6	6.3	2.8	2.3	2.4	8.4	6.0	62	102	19.0	26.2	54.8	0.0	26.0	11.5	10.5	7.0	67.4	74.1	23
605	1545	7	14	18	98	56.0	63.0	4.0	6.2	10.2	6.4	2.8	2.3	1.8	10.2	12.5	95	104	11.8	39.2	49.0	0.0	30.0	11.5	12.5	6.5	58.5	64.8	34
606	1596	7	16	18	103	61.4	71.0	4.0	14.4	18.4	6.2	2.4	2.6	2.0	11.0	10.9	107	95	32.7	34.5	32.7	0.0	23.0	10.0	11.0	7.0	63.5	75.8	36
607	1604	7	15	17	97	50.0	58.8	4.0	16.6	20.6	6.8	2.9	2.3	3.2	15.6	19.0	127	112	23.1	55.1	21.8	0.0	31.5	12.5	12.0	7.5	57.5	80.0	40
608	1632	7	16	18	102	53.6	61.6	4.0	7.0	11.0	6.2	2.5	2.5	1.6	7.4	6.3	81	114	8.1	37.8	54.1	0.0	28.5	11.5	10.5	7.5	52.4	90.9	32
609	1727	7	16	18	98	58.2	65.8	4.0	14.2	18.2	5.5	2.4	2.3	1.6	8.6	12.1	81	109	14.0	32.6	53.5	0.0	26.0	12.5	10.5	7.0	59.6	70.3	30
610	2215	7	15	18	100	68.0	80.6	4.0	10.0	14.0	5.7	2.2	2.6	1.2	7.0	6.1	68	126	14.3	45.7	40.0	0.0	27.5	11.0	11.0	7.0	50.0	90.9	28
611	2321	7	16	18	100	61.2	70.2	3.8	12.6	16.4	6.3	2.5	2.5	3.0	7.4	7.7	85	86	43.2	29.7	27.0	0.0	26.0	13.0	11.0	7.5	56.3	88.9	26
612	2323	7	15	17	102	72.0	83.0	4.0	9.6	13.6	5.8	2.3	2.5	2.8	16.0	9.3	104	93	37.5	41.3	21.3	0.0	22.0	14.0	12.0	8.0	60.8	80.0	37
613	2325	7	16	18	100	54.6	62.4	3.8	9.0	12.8	6.8	2.6	2.6	2.8	9.2	15.6	104	113	8.7	26.1	65.2	0.0	31.0	12.0	11.0	7.0	59.6	90.3	31
614	2375	7	16	18	98	62.0	71.0	4.2	6.0	10.2	5.5	2.3	2.4	2.4	7.4	11.7	140	105	21.6	35.1	43.2	0.0	25.0	13.0	10.5	7.0	59.0	95.7	26
615	2429	8	15	17	100	61.0	69.6	4.0	15.8	19.8	5.8	2.6	2.2	2.4	12.8	11.3	76	94	9.4	45.3	45.3	0.0	24.0	11.0	11.0	7.0	63.3	86.8	32
616	2441	7	14	17	96	55.4	71.0	4.0	6.8	10.8	6.3	2.8	2.3	1.8	12.6	10.1	99	116	12.7	36.5	50.8	0.0	27.0	10.5	10.0	6.5	57.5	78.1	32
617	2444	7	17	19	98	67.6	79.0	4.0	6.4	10.4	5.9	2.5	2.4	1.2	8.4	6.8	73	95	16.7	47.6	35.7	0.0	23.5	12.0	11.0	7.0	60.0	68.3	32
618	2505	7	16	18	103	67.4	79.2	4.0	7.0	11.0	6.5	2.9	2.2	1.0	8.4	14.1	106	119	7.1	33.3	59.5	0.0	30.0	12.0	12.0	7.0	60.0	83.3	33
619	2514	7	16	18	98	55.0	64.0	4.0	13.0	17.0	6.1	2.5	2.4	2.8	14.0	12.5	89	96	20.0	34.3	45.7	0.0	28.0	11.5	13.0	7.0	59.7	70.0	30
620	2567	7	16	18	98	50.4	57.2	4.0	8.8	12.8	6.3	2.9	2.2	1.6	10.2	9.0	112	124	37.3	39.2	23.5	0.0	30.0	12.0	13.0	8.0	55.6	93.3	34
621	3889	7	17	19	100	57.0	61.6	4.0	6.8	10.8	5.8	2.6	2.2	2.8	13.2	12.2	92	59	24.2	75.8	0.0	0.0	22.5	11.0	9.0	7.0	59.0	82.6	27
622	4095	7	16	18	100	63.4	73.0	4.0	4.6	8.6	6.4	2.5	2.6	2.2	8.0	6.7	75	105	25.0	25.0	50.0	0.0	28.0	12.0	10.0	7.0	59.5	92.0	32
623	4140	7	16	18	103	63.0	70.0	4.0	6.8	10.8	7.2	2.5	2.9	3.6	4.8	5.0	55	83	50.0	41.7	8.3	0.0	21.0	12.5	11.5	7.0	50.0	70.0	28
624	4293	7	16	18	98	61.2	68.0	4.0	2.8	6.8	6.7	2.5	2.7	1.6	5.4	6.3	48	104	33.3	33.3	33.3	0.0	25.0	12.0	11.0	7.5	53.6	70.0	31
625	5159	7	15	17	102	60.4	64.2	4.0	5.6	9.6	5.5	2.6	2.1	0.0	6.8	7.9	95	118	20.6	32.4	47.1	0.0	24.5	12.0	11.0	7.0	50.0	95.0	28
626	5239	7	14	17	102	64.6	77.8	3.8	6.4	10.2	6.8	2.8	2.4	2.4	9.2	12.1	86	78	30.4	65.2	4.3	0.0	20.5	10.0	9.5	6.5	61.1	90.9	31
627	5245	7	15	18	100	66.4	77.8	4.0	11.8	15.8	6.7	2.9	2.3	1.6	6.2	4.8	51	113	16.1	48.4	35.5	0.0	24.0	11.0	10.5	7.0	51.4	94.4	29
628	5292	8	14	17	103	65.0	74.8	4.0	10.6	14.6	6.6	2.9	2.3	1.2	11.8	8.1	90	102	23.7	32.2	44.1	0.0	25.0	13.0	11.0	8.0	61.7	91.9	34
629	5346	7	15	17	105	60.0	66.0	4.0	11.6	15.6	6.1	2.7	2.3	3.0	15.8	11.7	88	94	16.5	50.6	32.9	0.0	28.0	12.0	11.0	7.0	62.2	87.0	32
630	6760	7	14	17	98	62.2	73.0	4.0	11.8	15.8	6.5	2.6	2.5	2.4	12.6	13.3	100	116	19.0	49.2	31.7	0.0	30.0	12.0	10.5	6.5	61.6	71.1	29

Passport information			Qualitative traits																				
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
631	6824	--	CHANDAN RED	IND	FST	4	3	+	5	2	1	+	1	2	3	2	3	3	3	13	2	1	2
632	6925	--	US 20	ZAF	FST	4	2	+	5	2	1	+	2	2	3	2	5	5	5	11	2	1	1
633	6929	--	US 41	VEN	FST	4	3	+	3	1	1	+	2	2	2	2	3	5	3	11	2	1	1
634	7041	--	SPANTEX	USA	FST	4	2	+	3	2	1	+	2	1	2	1	3	5	3	13	2	1	1
635	7063	--	US 12A	ZAF	FST	4	2	+	3	2	1	+	2	2	2	2	3	3	3	13	2	1	1
636	7064	--	US 12B	ZAF	FST	4	2	+	3	1	1	+	2	2	2	2	3	3	3	13	2	1	1
637	7069	--	VIR-AUASE M.P.	UNK	FST	4	2	+	5	1	1	+	2	1	3	1	3	3	3	13	2	1	2
638	7129	--	AH 350/5	IND	FST	4	3	0	5	2	1	+	1	1	3	1	5	7	5	13	2	1	1
639	7172	--	EC 21137-1	IND	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	13	2	1	2
640	7196	--	STARR	USA	FST	4	2	0	5	1	2	+	1	2	3	2	3	3	3	11	1	1	1
641	7353	--	B 48	UNK	FST	4	2	+	3	1	1	+	1	2	2	2	5	5	5	16	2	1	1
642	7356	--	B 82	UNK	FST	4	2	0	5	2	2	0	1	1	3	1	5	5	5	17	2	1	1
643	7472	--	SPANTEX	USA	FST	4	2	+	3	1	2	+	3	1	2	1	5	5	5	13	2	1	2
644	7501	--	HG 4-1-72	IND	FST	4	2	+	3	2	2	+	1	2	2	2	3	5	3	13	2	1	2
645	10316	1375	U 2-1-3	SDN	FST	4	2	0	5	1	1	+	2	2	2	2	3	3	3	13	2	1	2
646	10527	3704	U 1-2-3	ARG	FST	4	2	+	3	1	2	+	2	1	3	1	3	5	3	17	2	1	2
647	10715	5080	RCM 455-2	PRY	FST	4	2	0	5	1	1	0	2	2	3	2	3	3	3	11	2	1	2
648	10716	5088	RCM 528	PRY	FST	4	2	+	5	2	1	+	2	2	3	2	3	3	3	11	2	1	2
649	10718	5102	WCG 142	BRA	FST	4	2	0	5	1	2	+	2	2	3	2	3	0	3	13	2	1	2
650	10721	5107	NCAC 17494	USA	FST	4	2	0	5	2	1	+	2	1	3	1	3	3	3	13	2	1	2
651	10733	5408	AH 811-2	IND	FST	4	2	+	5	1	2	+	2	1	3	1	3	5	3	13	2	1	2
652	10739	5459	AH 58	IND	FST	4	2	0	5	2	1	+	2	1	3	1	0	3	3	17	2	1	1
653	10751	5584	AH 7835	IND	FST	4	2	+	5	2	1	+	2	1	3	1	3	3	3	17	2	1	2
654	10763	6024	PELOTAS-B	BRA	FST	4	2	0	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
655	10769	6154	MPUTU-A	ZAR	FST	4	2	0	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
656	10781	6219	RCM 539-1	BRA	FST	4	2	+	5	1	1	+	2	1	3	1	3	3	3	13	2	1	2
657	10782	6221	RCM 558	BRA	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
658	10786	6264	WCG 111	BRA	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
659	10796	6372	RCM 497	PRY	FST	4	2	0	5	2	1	+	2	2	3	2	3	3	3	13	2	1	2
660	10798	6390	RG 66	ZWE	FST	3	2	+	3	2	1	0	2	2	3	2	3	5	3	11	2	1	2

Quantitative traits

No.	NRCG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
631	6824	7	16	18	102	54.0	61.8	3.8	5.6	9.4	6.3	2.6	2.4	0.6	9.6	12.8	85	90	10.4	45.8	43.8	0.0	28.5	12.5	10.0	7.0	55.8	72.5	30
632	6925	7	20	22	103	59.0	74.4	4.0	4.4	8.4	6.3	2.6	2.4	2.6	10.8	12.9	98	94	14.8	53.7	31.5	0.0	29.0	10.0	11.5	6.5	64.7	72.7	29
633	6929	7	16	18	102	65.6	81.4	3.8	9.2	13.0	7.0	2.9	2.4	5.2	18.2	20.1	134	77	22.0	48.4	29.7	0.0	24.0	10.0	11.0	7.0	64.3	73.3	31
634	7041	8	13	16	102	69.0	68.0	3.8	5.6	9.4	6.5	2.7	2.4	1.4	5.0	7.4	85	92	44.0	40.0	16.0	0.0	23.0	11.0	11.5	7.0	56.5	84.6	28
635	7063	7	15	17	98	60.8	70.4	3.8	11.6	15.4	5.4	2.3	2.4	1.0	6.8	8.3	96	109	17.6	14.7	67.6	0.0	23.0	12.0	10.0	6.5	59.5	90.9	29
636	7064	7	14	16	103	67.6	79.0	3.8	18.0	21.8	6.4	2.6	2.5	2.2	13.2	8.2	94	95	21.2	36.4	42.4	0.0	28.5	13.0	11.0	7.0	58.7	70.3	34
637	7069	7	16	18	100	50.8	58.0	4.0	5.6	9.6	6.5	2.4	2.7	1.6	6.0	13.9	93	110	30.0	33.3	36.7	0.0	24.0	12.0	10.0	6.5	51.5	94.1	26
638	7129	7	16	18	102	60.0	74.0	4.0	16.4	20.4	5.3	2.7	2.0	2.8	14.4	7.2	55	67	48.6	51.4	0.0	0.0	25.0	11.0	11.0	7.0	60.4	93.1	32
639	7172	7	15	17	98	62.6	70.0	4.0	14.0	18.0	5.8	2.4	2.4	1.2	8.8	15.7	105	93	20.5	59.1	20.5	0.0	23.5	11.0	10.0	7.0	53.7	86.4	24
640	7196	7	20	22	100	54.0	56.6	4.0	7.0	11.0	6.4	2.8	2.3	2.2	13.6	7.5	83	59	27.9	72.1	0.0	0.0	20.0	10.0	10.0	7.0	62.5	88.0	28
641	7353	7	14	17	102	66.0	74.0	4.0	8.2	12.2	6.0	2.9	2.1	1.4	11.6	8.8	86	131	24.1	75.9	0.0	0.0	24.0	10.0	11.0	7.0	54.2	92.3	26
642	7356	7	16	18	100	50.2	60.4	4.0	6.6	10.6	7.5	3.1	2.4	3.0	16.4	10.3	119	88	25.6	59.8	14.6	0.0	27.0	11.0	12.0	7.0	55.6	80.0	35
643	7472	7	15	17	100	56.2	62.8	3.8	16.2	20.0	5.9	2.6	2.3	2.2	18.8	20.2	161	72	28.7	69.1	2.1	0.0	22.0	10.5	11.0	7.5	66.2	88.9	32
644	7501	7	15	18	99	63.4	83.0	4.0	10.8	14.8	6.5	2.5	2.6	2.0	10.0	11.3	106	106	26.0	48.0	26.0	0.0	27.0	11.0	12.0	7.0	52.8	92.9	32
645	10316	8	14	16	105	53.4	73.0	4.0	20.0	24.0	5.8	2.3	2.5	2.6	16.8	15.5	97	92	26.2	40.5	33.3	0.0	22.5	13.0	12.0	7.0	53.3	92.7	30
646	10527	8	14	16	103	48.8	64.5	4.0	12.0	16.0	6.7	2.7	2.5	3.5	9.0	9.5	41	106	36.1	63.9	0.0	0.0	22.0	11.0	10.0	7.0	50.0	89.5	30
647	10715	8	14	16	103	51.2	65.0	4.0	6.6	10.6	5.7	2.1	2.7	2.4	24.0	21.1	184	88	30.8	55.8	13.3	0.0	24.0	12.0	10.0	7.0	58.5	91.9	36
648	10716	8	13	15	105	53.8	68.4	4.0	6.6	10.6	5.4	2.3	2.3	3.0	24.0	23.5	83	98	25.8	41.7	32.5	0.0	25.5	12.5	11.0	7.0	57.3	95.5	30
649	10718	8	18	20	103	61.6	69.2	4.0	8.0	12.0	5.1	2.0	2.6	1.4	5.6	7.0	65	125	25.0	39.3	35.7	0.0	20.0	12.0	11.5	7.5	65.7	91.3	36
650	10721	8	15	17	105	64.0	75.8	4.0	16.2	20.2	6.4	2.7	2.4	2.8	19.8	23.4	134	118	17.2	44.4	38.4	0.0	27.0	12.0	10.5	7.0	60.7	90.1	44
651	10733	8	15	17	103	50.4	63.2	4.0	12.4	16.4	5.2	2.5	2.1	4.2	24.0	20.4	116	85	45.8	48.3	5.8	0.0	24.0	11.0	12.0	7.0	53.9	92.7	30
652	10739	8	15	18	103	47.8	63.0	4.0	4.2	8.2	5.8	2.5	2.3	4.6	19.0	18.1	159	95	16.8	55.8	27.4	0.0	22.5	10.5	11.0	7.5	51.1	95.7	32
653	10751	8	18	20	100	55.6	71.6	4.0	17.6	21.6	6.3	2.7	2.3	5.0	27.8	38.9	179	140	23.0	45.3	27.3	4.3	30.0	12.0	12.0	8.0	50.2	85.5	44
654	10763	7	19	21	103	62.0	82.4	4.0	11.4	15.4	5.4	2.4	2.3	2.0	21.2	23.6	223	111	15.1	39.6	45.3	0.0	24.0	12.5	11.0	7.5	61.0	94.4	30
655	10769	7	17	20	103	62.2	63.2	3.8	5.6	9.4	7.1	2.9	2.4	2.4	6.4	7.2	170	113	37.5	37.5	25.0	0.0	31.0	13.0	11.5	7.5	61.1	86.4	26
656	10781	8	15	17	103	58.0	75.6	4.0	12.8	16.8	6.1	2.3	2.7	2.8	14.0	15.3	68	109	14.3	52.9	32.9	0.0	21.5	11.0	10.0	7.5	54.0	95.1	28
657	10782	7	19	21	106	67.4	73.0	4.0	10.0	14.0	5.3	2.4	2.2	3.2	11.2	10.0	100	89	30.4	37.5	32.1	0.0	22.0	10.0	11.0	8.5	56.0	91.3	32
658	10786	7	17	20	103	49.6	67.4	4.0	13.8	17.8	6.3	2.5	2.5	4.4	8.2	7.6	111	103	19.5	39.0	41.5	0.0	24.0	13.0	10.0	7.5	63.4	90.4	30
659	10796	8	14	18	103	52.8	63.2	4.2	14.2	18.4	5.0	2.0	2.5	4.0	19.4	12.8	100	66	28.9	47.4	23.7	0.0	22.0	11.0	11.0	7.5	65.6	88.1	22
660	10798	7	19	20	106	50.8	61.4	4.0	24.6	28.6	7.4	3.1	2.4	6.6	24.2	24.6	83	102	29.8	41.3	28.9	0.0	23.0	12.0	12.0	8.0	52.9	78.5	34

Passport information				Qualitative traits																			
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
661	10824	6603	SAM COL. 83	UNK	FST	3	2	+	5	2	2	+	2	2	3	2	5	7	3	17	2	2	2
662	10828	6633	SAM COL. 136	UNK	FST	3	2	+	3	2	1	+	3	2	3	2	3	3	3	13	2	1	2
663	10829	6635	SAM COL. 144	UNK	FST	4	2	0	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
664	10832	6675	A 31	ZWE	FST	4	2	0	3	1	1	0	2	2	3	2	3	3	3	13	2	1	2
665	10833	6690	MANYEMA 119-A	ZWE	FST	4	2	+	3	1	1	0	1	2	3	2	3	5	3	13	2	1	2
666	10834	6693	KONGWA RED 1	TZA	FST	4	2	+	5	1	1	0	2	2	3	2	5	5	3	13	2	1	1
667	10845	6727	WCG 139	BRA	FST	4	2	+	5	1	1	+	2	2	3	2	0	3	3	13	2	1	2
668	10849	6771	RED BASSAMGA	ZWE	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
669	10928	7925	KUAMWU	ZWE	FST	4	2	+	3	1	2	+	2	2	2	2	3	3	3	13	2	1	2
670	10929	7953	BULUNDI	UGA	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	13	2	1	2
671	10935	8046	B 736	ZWE	FST	4	2	+	5	1	2	+	2	2	1	3	1	3	3	13	2	1	2
672	10944	8476	RG 98	UNK	FST	4	2	0	3	2	2	+	2	2	3	2	3	5	3	17	2	1	1
673	10950	8513	RG 318	USA	FST	4	3	0	5	1	2	0	1	1	3	1	5	3	7	17	2	2	2
674	10957	8524	RCM 539	BRA	FST	4	2	+	5	1	1	+	2	2	1	3	1	0	3	13	2	1	2
675	10958	8527	RG 343	BRA	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
676	10960	8560	NCAC 404	ARG	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	1
677	10965	8600	TMV 1	IND	FST	4	2	+	3	2	2	+	2	2	3	2	3	3	3	13	2	1	2
678	10972	9143	58-579	ARG	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	1
679	10973	9144	58-589	SYR	FST	4	2	0	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
680	10977	9365	59-458	BGR	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	13	2	1	2
681	10985	9574	VRR 452	IND	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
682	10986	9578	VRR 465	IND	FST	4	2	+	3	1	1	0	2	2	3	2	3	3	3	13	2	1	2
683	10987	9579	VRR 467	IND	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	13	2	1	2
684	10988	9580	VRR 470	IND	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
685	10990	9766	DSA 159	GHA	FST	4	2	0	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
686	10994	9993	SPA 411 WHITE	PER	FST	4	2	0	5	1	2	0	2	2	3	2	3	3	3	2	2	1	2
687	10997	10022	SPZ 459 DARK PU	PER	FST	3	2	0	5	1	2	0	2	2	3	2	5	5	7	17	2	1	2
688	11001	10033	SPZ 479 LIGHT P	PER	FST	4	2	0	5	1	2	0	2	2	3	2	3	5	7	17	2	2	2
689	11003	10041	SPZ 484 PURPLE	PER	FST	4	2	0	5	1	2	0	2	2	3	2	5	3	7	7	2	1	2
690	11004	10042	SPZ 485 DARK PU	PER	FST	4	2	0	7	2	1	0	2	2	3	2	5	3	7	7	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
661	10824	7	15	19	103	46.6	58.8	4.0	13.2	17.2	6.2	2.8	2.2	4.0	19.4	21.2	182	109	27.8	62.9	9.3	0.0	24.0	11.5	12.0	8.0	50.5	90.9	40
662	10828	7	16	20	106	54.6	60.8	4.0	18.4	22.4	6.0	2.5	2.4	6.4	25.0	16.2	210	65	38.4	40.8	20.8	0.0	22.0	11.0	10.0	6.5	58.0	76.6	25
663	10829	8	18	20	103	62.4	72.0	4.0	8.2	12.2	6.5	2.4	2.7	2.6	8.0	11.6	137	145	10.0	62.5	27.5	0.0	24.0	13.0	11.0	7.0	58.3	92.9	34
664	10832	7	17	20	102	68.6	75.0	4.0	5.2	9.2	6.2	2.5	2.5	18.0	7.8	8.6	169	110	41.0	35.9	23.1	0.0	21.0	11.5	10.5	7.5	69.8	83.3	40
665	10833	7	19	22	105	47.4	61.6	3.0	6.8	9.8	5.8	2.4	2.4	4.0	8.6	9.2	126	107	20.9	37.2	41.9	0.0	29.0	12.0	11.0	7.5	67.4	90.3	24
666	10834	7	15	18	105	63.0	72.8	4.0	9.6	13.6	5.3	2.5	2.1	2.6	15.0	10.4	172	69	30.7	49.3	20.0	0.0	23.0	15.0	11.0	7.0	61.5	93.8	30
667	10845	7	17	20	103	66.2	70.0	4.0	6.6	10.6	6.7	2.7	2.5	16.0	7.0	8.0	144	114	14.3	62.9	22.9	0.0	22.0	12.0	10.0	8.0	50.0	90.0	40
668	10849	7	18	20	105	61.0	72.2	4.4	17.4	21.8	5.3	2.4	2.2	2.6	16.8	16.8	53	100	20.2	32.1	47.6	0.0	22.0	12.0	11.5	8.5	57.1	95.8	26
669	10928	8	15	18	105	50.0	58.2	4.0	22.0	26.0	5.9	2.4	2.5	4.2	17.8	18.2	72	102	24.7	39.3	36.0	0.0	30.5	13.0	11.0	7.5	51.8	94.7	30
670	10929	8	15	18	100	48.4	57.0	4.0	6.2	10.2	5.6	2.4	2.3	0.8	8.4	13.0	166	155	19.1	23.8	57.1	0.0	24.0	13.0	11.5	7.5	53.7	80.7	34
671	10935	8	17	19	120	55.6	65.0	4.0	11.8	15.8	4.9	2.0	2.5	4.8	13.6	13.6	127	100	32.4	33.8	26.5	7.3	32.0	13.0	11.0	7.0	57.4	82.0	28
672	10944	8	18	20	103	40.6	54.2	3.8	4.8	8.6	6.3	2.5	2.5	2.0	14.2	15.1	122	106	14.1	57.8	28.2	0.0	28.0	11.0	12.0	8.0	51.3	80.7	30
673	10950	9	15	17	107	60.8	64.8	3.4	1.2	4.6	5.5	2.4	2.3	1.6	3.2	4.2	23	96	6.3	25.0	68.8	0.0	28.0	10.0	11.0	7.0	62.4	90.9	28
674	10957	8	19	21	102	70.4	86.0	4.0	6.2	10.2	5.3	2.2	2.4	2.2	19.2	20.0	97	104	19.8	43.8	36.5	0.0	26.0	13.0	10.5	7.5	58.0	96.5	30
675	10958	8	19	21	103	66.2	75.6	4.0	2.4	6.4	5.8	2.3	2.5	0.2	7.8	11.0	82	141	25.6	38.5	35.9	0.0	26.0	13.0	12.0	8.0	52.7	89.7	36
676	10960	8	18	20	103	60.4	73.2	3.6	16.2	19.8	6.1	2.3	2.7	3.0	19.0	19.4	50	102	17.9	41.0	41.0	0.0	27.0	13.0	10.5	7.0	54.6	96.2	34
677	10965	8	13	15	103	60.6	70.0	4.0	12.8	16.8	6.1	2.5	2.4	3.2	21.2	26.3	106	124	23.6	39.6	34.0	2.8	31.0	13.0	11.0	7.5	52.1	76.2	40
678	10972	6	20	22	103	58.2	83.8	4.0	10.8	14.8	5.7	2.3	2.5	1.4	10.4	14.2	77	137	21.1	32.7	46.1	0.0	25.0	11.5	12.0	7.0	53.5	94.7	34
679	10973	8	14	16	107	58.8	77.2	4.0	14.8	18.8	5.8	2.4	2.4	2.2	15.4	17.9	121	116	16.9	50.6	32.5	0.0	23.5	10.0	11.0	7.0	55.1	87.8	36
680	10977	6	16	18	103	63.6	69.2	4.0	6.0	10.0	5.9	2.4	2.5	0.2	12.8	16.0	86	125	23.4	26.6	45.3	4.7	30.0	13.0	10.5	7.5	52.5	92.9	38
681	10985	8	14	16	105	64.4	82.8	4.0	10.8	14.8	6.0	2.5	2.4	1.6	16.2	19.8	166	122	17.3	42.0	38.3	2.5	30.0	12.0	10.5	6.5	51.5	89.8	37
682	10986	8	18	20	103	53.2	64.0	4.0	19.0	23.0	4.3	2.0	2.2	3.0	14.0	14.4	73	103	7.1	55.7	37.1	0.0	28.0	12.0	11.0	7.5	61.1	79.5	36
683	10987	8	18	20	102	56.6	74.2	4.0	9.8	13.8	5.2	2.3	2.3	2.2	17.8	15.1	51	85	22.5	42.7	34.8	0.0	23.5	13.0	10.5	7.0	60.5	84.8	30
684	10988	8	18	20	103	58.6	72.6	4.0	19.8	23.8	5.6	2.5	2.2	2.6	22.6	21.7	102	96	22.1	45.1	31.0	1.8	24.5	11.5	10.0	7.0	52.3	94.7	30
685	10990	8	18	20	103	61.2	73.4	3.8	5.4	9.2	5.4	2.2	2.5	1.2	11.6	12.6	182	109	15.5	34.5	46.5	3.5	26.0	12.5	11.0	7.5	58.7	83.8	34
686	10994	8	17	19	108	59.0	67.4	3.8	15.4	19.2	5.3	2.1	2.5	3.6	8.2	11.0	57	134	12.2	14.6	73.2	0.0	30.0	11.0	11.0	7.0	55.5	88.0	24
687	10997	8	18	20	104	57.4	62.6	4.0	4.0	8.0	5.5	2.0	2.8	1.0	15.2	23.0	155	151	6.6	10.5	76.3	6.6	34.0	12.5	11.5	7.0	59.1	95.6	38
688	11001	8	16	18	104	70.2	89.4	4.0	2.2	6.2	6.1	2.3	2.7	1.8	14.4	15.3	85	106	9.7	16.7	73.6	0.0	31.0	10.5	11.0	6.5	56.6	90.7	28
689	11003	8	16	18	103	57.2	64.2	3.8	2.4	6.2	5.4	2.3	2.3	1.8	8.0	10.4	142	130	5.0	7.5	87.5	0.0	32.0	11.5	10.5	7.0	54.2	91.3	20
690	11004	8	18	21	104	51.2	60.4	4.0	2.4	6.4	5.1	1.9	2.7	1.4	8.2	9.0	135	110	17.1	19.5	63.4	0.0	30.0	12.0	12.0	7.5	60.0	85.2	36

Passport information				Qualitative traits																			
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
691	11005	10043	SPZ 485 FLESH	PER	FST	4	2	0	7	2	1	0	2	2	3	2	5	3	7	10	2	1	2
692	11013	10071	SPZ 502 FLESH	PER	FST	4	2	0	5	2	1	0	2	1	3	1	3	3	3	11	2	1	2
693	11014	10073	SPZ 505 BROWN?	PER	FST	4	2	0	5	1	2	0	2	2	3	2	5	5	7	7	2	1	2
694	11016	10077	SP 515 FLESH	PER	FST	4	2	0	7	1	3	0	2	1	3	1	5	5	7	7	2	2	2
695	11020	10111	61-10-1	ARG	FST	4	2	0	5	2	1	+	2	2	3	2	3	5	3	11	2	1	2
696	11027	10375	NAN 227	NGA	FST	4	2	+	5	2	1	+	2	2	3	2	3	3	3	13	2	1	2
697	11029	10401	NCAC 611-1	USA	FST	4	2	0	5	2	1	+	2	1	3	1	0	3	3	11	2	1	1
698	11030	10402	NCAC 611-2	USA	FST	4	2	+	5	1	1	+	2	2	3	2	0	3	3	13	2	1	1
699	11037	10472	NO.15607	CUB	FST	4	2	0	5	1	1	+	2	2	3	2	3	5	3	13	2	1	2
700	11039	10481	58-1147	VEN	FST	4	2	0	5	1	2	+	2	2	3	2	3	3	3	13	2	1	2
701	11048	10619	CE 68-8	BRA	FST	4	2	+	5	1	1	0	2	2	3	2	3	3	0	13	2	1	2
702	11049	10929	SPZ 469 RED	PER	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
703	11050	10645	G 15	PAK	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
704	11051	10653	5545-2	ISR	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
705	11057	10885	KSSc 401 RED	BOL	FST	4	2	+	5	1	2	+	2	2	3	2	3	5	3	13	2	1	2
706	11060	10896	SPA 411 FLESH	PER	FST	4	2	0	7	1	1	0	2	2	3	2	3	3	0	13	2	1	2
707	11062	10911	SPZ 455 FLESH	PER	FST	4	2	0	7	2	1	0	1	2	3	2	3	3	7	10	2	1	2
708	11064	10914	SPZ 456 RED	PER	FST	4	2	+	5	1	1	+	1	2	3	2	5	3	0	13	2	1	2
709	11068	10944	SPZ 483 GASP	PER	FST	4	2	0	5	2	1	0	2	2	3	2	5	5	7	10+2	2	2	2
710	11069	10948	SPZ 485 PURPLE	PER	FST	4	2	0	5	2	2	0	2	2	3	2	5	5	7	7	2	1	2
711	11070	10950	SPZ 486 FLESH	PER	FST	4	2	0	7	1	2	0	2	2	3	2	5	3	7	11	2	1	2
712	11071	10953	SPZ 488 RED	PER	FST	4	2	+	5	2	1	+	2	1	3	1	3	3	0	13	2	1	2
713	11072	10954	SPZ 488 PURPLE	PER	FST	4	2	0	5	2	2	0	2	2	3	2	5	3	7	7	2	1	2
714	11073	10964	SPZ 496 LIGHT P	PER	FST	4	2	0	5	2	2	0	2	2	3	2	5	3	7	7	2	1	2
715	11075	10983	SP 518 RED	PER	FST	4	2	+	7	1	1	0	2	2	3	2	5	3	7	7	2	1	2
716	11076	11050	PR 4291	IND	FST	4	2	+	3	1	1	0	2	2	3	2	5	3	0	13	2	1	2
717	11077	11070	SPZ 453	PER	FST	4	2	+	7	2	1	+	2	2	3	2	0	3	3	13	2	1	2
718	11087	11187	SPZ 497 TAN	PER	FST	4	2	0	5	2	1	0	2	2	3	2	3	3	3	13	2	1	2
719	11090	11205	RCM 503-1	PRY	FST	4	2	+	5	2	1	+	2	2	3	2	3	3	7	11	2	1	2
720	11093	11221	PI 355973	ARG	FST	4	2	+	5	2	1	+	2	1	3	1	3	5	3	13	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
691	11005	8	17	19	103	46.6	65.6	4.0	5.4	9.4	5.5	2.2	2.5	0.4	17.6	18.8	104	107	6.8	11.4	81.8	0.0	29.5	12.5	11.0	6.5	71.3	91.0	28
692	11013	8	16	18	103	58.4	65.4	4.0	11.4	15.4	5.0	2.2	2.3	1.6	18.6	19.3	156	104	26.9	58.1	15.1	0.0	25.0	12.0	10.5	7.5	53.6	98.1	32
693	11014	8	17	18	130	50.8	70.8	4.0	4.0	8.0	5.6	2.3	2.4	1.4	14.6	21.0	145	144	5.5	12.3	82.2	0.0	28.0	13.0	12.0	7.0	52.6	96.0	34
694	11016	8	16	18	105	54.8	64.4	4.0	5.0	9.0	5.2	2.1	2.5	1.2	14.0	20.0	140	143	12.9	20.0	47.1	20.0	31.5	13.0	14.0	7.5	51.0	89.1	40
695	11020	8	16	18	105	51.0	76.4	4.0	13.2	17.2	5.3	2.1	2.5	2.6	12.8	17.4	148	136	15.6	59.4	25.0	0.0	23.0	12.0	13.0	7.5	57.5	94.0	46
696	11027	8	16	18	103	63.6	73.0	4.0	13.2	17.2	5.2	2.2	2.4	3.8	13.0	11.8	129	91	23.1	49.2	24.6	3.1	25.0	11.0	10.0	7.5	54.2	93.8	28
697	11029	8	18	20	105	48.8	59.6	3.6	10.0	13.6	4.7	2.0	2.4	3.4	17.8	19.2	80	108	33.7	43.8	22.5	0.0	26.0	11.5	11.0	7.0	56.3	94.4	34
698	11030	7	17	19	105	52.6	62.0	4.0	22.2	26.2	4.9	2.0	2.5	5.4	20.4	17.1	74	84	14.7	53.9	31.4	0.0	21.0	11.0	95.0	6.0	62.8	87.0	30
699	11037	8	16	18	105	55.8	67.0	4.0	9.4	13.4	4.5	1.9	2.4	2.2	6.0	10.6	86	177	13.3	26.7	46.7	13.3	24.0	11.0	11.0	7.0	56.6	93.3	40
700	11039	8	16	18	105	56.4	60.4	4.0	13.2	17.2	5.9	2.3	2.6	4.4	16.2	14.6	149	90	17.3	55.6	27.2	0.0	25.0	12.0	11.5	7.0	61.6	88.9	36
701	11048	8	18	20	105	66.6	71.6	4.0	13.2	17.2	4.8	1.9	2.5	2.8	8.4	9.4	40	112	14.3	33.3	52.4	0.0	20.0	11.0	10.5	7.0	57.5	88.9	26
702	11049	8	16	18	103	49.4	60.0	3.2	12.4	15.6	4.5	1.7	2.6	2.0	3.6	10.8	115	106	11.1	77.8	11.1	0.0	24.0	12.0	10.5	7.0	57.4	93.5	32
703	11050	6	18	20	106	54.8	62.8	3.6	7.0	10.6	6.2	2.3	2.7	2.0	9.6	13.0	58	135	27.1	41.7	31.3	0.0	23.0	12.0	11.0	7.0	58.5	94.7	40
704	11051	8	16	18	106	47.8	58.0	4.0	12.4	16.4	4.7	2.0	2.4	2.2	19.4	20.0	86	103	19.6	44.3	36.1	0.0	27.0	13.0	10.0	7.0	54.0	81.5	34
705	11057	8	14	16	107	59.2	65.6	4.0	10.2	14.2	4.8	2.2	2.2	1.2	21.2	19.3	95	91	28.3	62.3	9.4	0.0	24.0	11.5	12.0	7.5	56.3	92.6	32
706	11060	8	16	18	110	52.6	59.0	3.6	3.8	7.4	5.7	2.1	2.7	2.4	2.2	2.6	33	118	18.2	18.2	63.6	0.0	32.0	11.0	10.0	6.5	60.9	76.0	35
707	11062	8	16	18	107	47.4	60.0	4.0	11.8	15.8	5.7	2.1	2.7	3.4	7.0	5.0	10	71	17.1	42.9	40.0	0.0	24.0	11.0	9.5	5.5	50.0	63.6	47
708	11064	8	16	18	107	58.4	64.0	3.6	15.8	19.4	5.9	2.1	2.8	4.8	8.2	10.0	36	122	12.2	19.5	56.1	12.2	23.0	11.0	11.0	7.0	53.0	83.3	24
709	11068	8	16	18	107	51.2	61.4	3.6	0.8	4.4	5.7	2.1	2.7	0.6	6.4	10.0	93	156	0.0	43.8	43.8	12.5	37.0	13.0	15.0	6.5	50.0	84.2	32
710	11069	8	18	20	105	48.0	59.4	3.8	3.6	7.4	5.3	2.1	2.5	1.2	8.4	12.0	115	143	9.5	16.7	73.8	0.0	28.0	12.0	10.0	7.0	52.0	92.6	28
711	11070	8	18	20	105	44.4	52.4	3.6	10.4	14.0	5.0	2.0	2.5	2.8	4.8	7.4	47	104	0.0	37.5	62.5	0.0	26.0	13.0	10.0	6.5	50.8	78.6	24
712	11071	8	17	19	107	51.6	64.6	4.0	5.6	9.6	5.2	2.1	2.5	3.4	10.0	13.4	55	134	12.0	18.0	62.0	8.0	25.0	13.0	11.0	7.0	53.8	93.8	32
713	11072	8	17	19	107	44.2	61.0	4.0	9.4	13.4	5.1	2.1	2.4	2.8	13.0	20.0	99	154	7.7	15.4	76.9	0.0	31.5	12.0	11.5	7.0	51.0	92.2	24
714	11073	8	18	20	107	45.0	59.6	3.6	4.4	8.0	5.8	2.2	2.6	2.0	16.0	15.0	118	94	15.0	16.3	68.8	0.0	25.0	10.0	12.0	7.0	56.0	88.1	28
715	11075	8	17	19	107	61.2	82.6	3.8	12.6	16.4	5.1	1.9	2.7	0.0	11.6	11.9	56	103	10.3	20.7	69.0	0.0	31.0	11.0	10.5	7.5	58.3	65.7	30
716	11076	8	17	19	103	56.8	70.4	4.0	7.4	11.4	5.0	2.2	2.3	2.6	23.2	25.3	119	109	29.3	32.8	37.9	0.0	27.0	13.0	11.0	7.5	59.1	94.7	30
717	11077	8	18	21	104	61.0	70.6	3.6	6.2	9.8	4.8	2.0	2.4	3.8	15.0	16.9	86	113	16.0	28.0	56.0	0.0	28.0	10.5	11.0	6.5	51.8	79.5	36
718	11087	8	16	18	104	60.6	67.2	4.0	2.8	6.8	4.9	2.2	2.2	0.6	7.2	12.8	96	118	16.7	16.7	66.7	0.0	34.0	12.5	11.0	7.5	62.1	88.0	28
719	11090	8	17	19	103	55.6	67.0	4.0	17.8	21.8	4.9	1.9	2.6	3.2	27.4	26.6	111	97	9.5	39.4	51.1	0.0	26.5	12.0	10.0	7.0	61.6	90.2	22
720	11093	8	18	20	103	43.6	59.4	4.0	8.6	12.6	4.1	1.9	2.2	2.0	12.2	10.2	127	84	22.9	67.2	9.8	0.0	27.0	11.0	10.0	7.0	58.8	90.0	32

Passport information				Qualitative traits																			
No.	NRCG	ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
721	11098	11247	RM 12-2	TZA	FST	4	2	+	5	2	1	0	2	2	3	2	3	3	3	13	2	1	2
722	11148	5468	AH 6847	KEN	FST	4	2	+	5	1	2	+	2	2	3	2	3	3	3	17	2	1	2
723	11169	6153	NCAC 2655	USA	FST	4	2	0	3	2	1	+	2	2	3	2	3	3	3	13	2	1	2
724	11184	6233	RCM 711	BOL	FST	4	2	0	3	1	2	0	2	2	3	2	5	5	5	11	2	1	1
725	11194	6287	V 3	BRA	FST	4	3	+	5	1	1	+	2	1	3	1	5	3	3	13	2	1	2
726	11242	6707	RCM 569	BRA	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
727	11246	6725	COLORADO MANFRE	ARG	FST	4	2	+	3	1	1	+	2	2	3	2	5	5	3	13	2	1	2
728	11264	6909	NCAC 946	LBR	FST	4	2	+	3	1	2	+	2	2	2	2	3	3	3	13	2	1	2
729	11268	6939	PERU NO.1B	ZWE	FST	4	2	+	5	1	1	+	2	2	1	2	3	3	3	13	2	1	2
730	11494	11480	HL 236	ARG	FST	4	2	+	5	1	2	0	2	1	3	1	3	3	3	17	2	1	1
731	11579	10038	SPZ 482 PURPLE	PER	FST	4	2	+	5	1	3	0	2	2	3	2	3	3	7	7	2	1	2
732	11580	10931	SPZ 472 FLESH	PER	FST	4	2	0	5	2	1	0	2	2	3	2	5	5	7	11	2	1	1
733	11585	10021	SPZ 457 PURPLE	PER	FST	4	2	0	5	2	2	0	2	2	3	2	5	5	7	17	2	1	2
734	11590	10047	SPZ 487 PURPLE	PER	FST	4	2	0	7	1	1	0	2	2	3	2	5	5	7	7	2	1	2
735	11591	10049	SPZ 488 LIGHT P	PER	FST	4	2	+	7	1	1	0	2	2	3	2	5	5	7	7	2	1	2
736	11596	10061	SPZ 494 DARK PU	PER	FST	4	2	0	7	1	2	0	2	2	3	2	5	5	7	7	2	1	2
737	11597	10062	SPZ 495 PURPLE	PER	FST	4	2	0	7	1	2	0	2	2	3	2	5	5	7	7	2	1	2
738	11609	10932	SPZ 473 FLESH	PER	FST	4	2	0	5	2	1	0	2	2	3	2	5	5	7	11	2	1	2
739	11616	11183	SPA 408 REDDISH	PER	FST	4	2	0	7	2	2	0	2	2	3	2	5	5	7	7	2	1	2
740	11625	50	RS 148	IND	FST	4	2	+	3	1	2	+	2	2	3	2	3	5	3	11	2	1	1
741	11626	58	B 7/B	IND	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
742	11630	261	LE 29	ARG	FST	4	2	+	3	1	2	+	1	2	3	2	3	3	3	13	2	1	2
743	11632	288	NCAC 540	BRA	FST	4	2	+	3	1	2	+	2	2	3	2	3	3	3	13	2	1	2
744	11633	314	TATU	BRA	FST	4	2	+	5	1	1	+	2	1	3	1	3	3	3	13	2	1	2
745	11634	336	BLANCA CHICA AC	URY	FST	4	2	+	5	1	1	0	2	2	3	2	0	3	3	10	2	1	2
746	11635	356	NCAC 879	PRY	FST	4	2	+	3	1	2	+	2	1	3	1	3	3	3	10	2	1	2
747	11636	413	ITALY MILAN	BRA	FST	4	2	0	3	2	1	+	2	2	3	2	3	5	3	13	2	1	2
748	11637	437	GA 119075	USA	FST	4	2	+	3	1	1	0	2	2	3	2	3	3	3	13	2	1	2
749	11638	440	COLORADO	BRA	FST	4	3	+	3	2	1	0	2	2	3	2	3	5	3	13	2	1	2
750	11639	441	NCAC 2894	BRA	FST	4	2	0	3	1	1	+	2	2	3	2	3	5	3	13	2	1	2

Quantitative traits

No.	NRCG	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
721	11098	8	18	20	104	55.6	71.4	4.0	22.2	26.2	4.3	1.8	2.4	2.4	17.4	19.3	56	111	17.2	44.8	37.9	0.0	28.0	12.0	10.5	7.0	58.8	93.0	28
722	11148	8	15	18	103	39.6	54.2	4.0	14.4	18.4	5.7	2.6	2.2	4.8	23.4	23.2	137	99	27.4	53.0	19.7	0.0	20.0	12.0	11.5	7.0	53.5	83.9	44
723	11169	7	15	19	105	58.8	72.8	4.0	3.4	7.4	5.6	2.7	2.1	12.0	9.4	18.0	193	191	19.1	42.5	38.3	0.0	25.0	13.0	10.5	7.0	51.4	90.0	30
724	11184	7	14	16	107	37.8	52.6	4.0	1.4	5.4	5.8	2.4	2.4	16.0	18.8	12.4	171	66	31.9	68.1	0.0	0.0	25.0	10.0	12.0	7.0	71.0	90.9	24
725	11194	7	15	19	105	51.2	64.0	4.2	20.4	24.6	5.8	2.9	2.0	4.6	20.4	15.4	82	75	21.6	73.5	4.9	0.0	24.0	10.5	10.0	8.0	54.5	95.2	26
726	11242	7	15	19	107	62.2	78.8	3.6	12.2	15.8	5.7	2.5	2.3	18.0	10.8	14.8	151	137	11.1	46.3	42.6	0.0	26.0	12.0	12.0	7.5	71.6	88.7	34
727	11246	7	15	19	103	74.6	81.4	4.0	20.8	24.8	4.8	2.0	2.4	2.0	13.4	15.8	126	118	13.4	29.9	56.7	0.0	25.0	13.0	11.0	8.0	67.1	92.5	34
728	11264	8	18	20	103	51.8	65.0	4.0	6.2	10.2	6.0	2.5	2.4	1.6	10.0	13.0	100	130	22.0	40.0	38.0	0.0	30.0	13.0	11.5	8.0	57.7	77.4	32
729	11268	8	17	19	105	49.4	58.2	4.0	5.2	9.2	5.8	2.4	2.4	2.8	16.0	18.1	101	113	20.0	50.0	30.0	0.0	23.0	12.0	12.0	8.0	54.4	91.8	36
730	11494	8	17	19	103	52.2	62.6	4.0	20.2	24.2	4.8	2.0	2.4	2.0	14.2	9.8	83	69	28.2	69.0	2.8	0.0	22.0	10.0	11.0	7.0	63.3	83.9	25
731	11579	8	16	18	103	62.6	75.4	4.0	4.2	8.2	5.0	2.1	2.4	1.2	11.8	15.6	126	132	13.6	27.1	59.3	0.0	30.5	12.0	11.0	7.0	53.9	78.6	32
732	11580	8	16	18	102	46.8	67.4	4.0	6.4	10.4	4.9	1.9	2.6	1.2	10.8	11.6	92	107	3.7	27.8	64.8	3.7	28.0	12.0	12.0	7.0	70.7	90.2	26
733	11585	8	17	19	104	52.2	69.0	3.8	3.2	7.0	5.1	2.1	2.4	2.4	21.4	22.9	94	107	5.6	21.5	67.3	5.6	31.0	13.0	12.0	7.0	59.1	95.6	38
734	11590	8	18	20	107	46.6	65.0	3.8	5.6	9.4	5.4	2.0	2.7	1.0	12.8	17.7	104	138	6.3	4.7	89.1	0.0	32.0	12.0	12.0	7.0	54.7	90.5	24
735	11591	8	16	18	105	37.6	57.6	4.2	3.2	7.4	5.9	2.4	2.5	2.6	18.4	22.6	97	123	12.0	23.9	57.6	6.5	32.5	12.0	12.0	7.0	53.1	76.7	30
736	11596	8	16	18	105	50.2	61.8	4.0	7.2	11.2	5.5	2.2	2.5	2.4	25.2	24.9	152	99	23.8	42.9	29.4	4.0	28.0	13.0	10.0	7.0	60.8	79.0	36
737	11597	8	16	18	105	43.2	66.6	4.0	6.2	10.2	5.5	2.2	2.5	2.6	35.6	36.7	109	103	6.7	19.7	64.6	9.0	31.0	11.0	11.0	7.0	55.4	84.3	26
738	11609	8	18	20	107	49.2	67.6	4.0	8.8	12.8	4.9	2.0	2.5	2.2	8.0	13.0	77	163	10.0	52.5	37.5	0.0	24.0	12.0	10.5	7.5	55.4	88.9	34
739	11616	8	18	19	105	50.0	64.0	4.0	6.0	10.0	5.6	2.0	2.8	1.8	23.0	12.7	111	55	20.0	32.2	47.8	0.0	31.5	12.0	12.0	7.5	63.5	95.0	36
740	11625	7	16	19	102	46.0	56.2	4.2	7.2	11.4	5.6	2.6	2.2	14.0	29.0	22.6	259	78	26.2	73.8	0.0	0.0	21.0	11.0	11.0	7.0	73.1	94.2	32
741	11626	7	14	16	100	62.2	76.0	4.0	12.6	16.6	5.9	2.8	2.1	2.0	16.8	19.4	183	115	19.1	44.0	36.9	0.0	26.0	11.0	12.0	7.5	56.7	90.9	40
742	11630	7	17	20	108	54.8	67.4	4.2	17.0	21.2	6.3	2.6	2.4	4.8	16.4	13.0	82	102	20.7	61.0	18.3	0.0	27.5	12.0	10.5	6.5	63.9	90.0	30
743	11632	7	17	19	102	77.6	90.4	4.2	8.4	12.6	6.3	2.6	2.4	2.2	9.4	8.8	107	94	23.4	23.4	53.2	0.0	31.0	13.0	12.0	7.0	65.9	82.8	26
744	11633	7	16	19	103	60.2	79.8	4.0	5.0	9.0	6.7	2.8	2.4	3.0	8.2	9.2	187	112	7.3	53.7	39.0	0.0	28.0	15.0	11.0	7.0	69.6	87.5	28
745	11634	7	17	20	105	62.4	81.4	4.2	16.0	20.2	5.8	2.3	2.5	4.0	8.6	7.2	35	84	41.9	34.9	23.3	0.0	22.0	10.0	10.5	7.0	55.6	85.0	28
746	11635	7	17	20	103	67.2	72.6	4.4	9.4	13.8	5.0	2.3	2.2	2.2	10.0	12.8	158	128	16.0	60.0	24.0	0.0	25.0	14.0	12.0	9.0	56.3	88.9	34
747	11636	7	17	20	100	48.4	58.0	4.6	18.6	23.2	5.0	2.3	2.2	3.4	9.6	7.2	167	75	16.7	29.2	54.2	0.0	23.0	12.0	13.0	8.0	58.3	85.7	40
748	11637	7	19	22	110	69.4	81.8	4.0	22.2	26.2	5.0	2.2	2.3	8.6	14.2	11.2	58	79	16.9	49.3	33.8	0.0	26.0	13.0	12.0	7.0	50.2	92.6	32
749	11638	7	22	25	102	57.6	82.0	4.2	27.4	31.6	6.2	2.6	2.4	3.8	20.0	16.0	87	80	21.0	41.0	38.0	0.0	24.0	12.0	13.0	7.0	60.0	85.4	32
750	11639	7	16	19	102	65.0	76.6	4.0	7.2	11.2	6.9	2.8	2.5	2.4	6.4	5.8	168	91	25.0	59.4	15.6	0.0	23.5	12.0	11.0	7.5	62.1	83.3	30

No.	NRCG	Passport information		Qualitative traits																			
		ICG	Name of Variety	Origin	Habit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
751	11640	445	STANDARD 1121	TZA	FST	4	2	+	3	1	1	+	2	2	3	2	3	3	3	13	2	1	2
752	11641	466	WCG 120	BRA	FST	4	2	+	5	1	1	+	2	1	3	1	3	3	3	13	2	1	2
753	11642	467	WCG 122	BRA	FST	3	2	+	5	1	1	+	1	1	3	1	9	5	7	13	2	1	2
754	11644	491	KRANTEL	IDN	FST	4	2	+	5	1	1	+	1	2	3	2	3	3	3	13	2	1	2
755	11648	1701	WCG 117	BRA	FST	4	2	0	3	1	1	0	1	1	3	1	3	5	3	11	2	1	2
756	11650	1958	U 2-1-18	SDN	FST	3	2	+	3	1	1	+	2	2	3	2	0	3	3	13	2	1	2
757	11668	3092	AH 1716	IND	FST	3	2	0	5	1	1	0	2	2	3	2	3	5	3	13	2	1	2
758	11671	3435	P 57	SLE	FST	4	2	+	5	1	1	0	2	2	3	2	3	5	3	10	2	1	2
759	11672	3446	ROXO	BRA	FST	4	2	0	3	1	1	0	1	1	3	1	5	5	5	13	2	1	2
760	11673	3487	TATU 386	BRA	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
761	11675	4995	SAN 61	PER	FST	4	2	0	5	1	3	0	2	1	3	1	7	5	9	17	2	2	2
762	11684	5577	AH 7743	UNK	FST	4	2	+	5	1	2	+	2	2	3	2	3	5	3	17	2	1	2
763	11698	6216	RCM 520B	PRY	FST	4	2	0	5	1	1	0	2	2	3	2	3	3	3	10	2	1	2
764	11702	6275	WCG 164	BRA	FST	4	2	+	3	1	1	0	1	2	3	2	3	3	3	13	2	1	2
765	11703	6283	WCG 113	BRA	FST	4	2	0	5	1	1	0	1	1	3	1	3	5	3	10	2	1	2
766	11713	6400	RHODESIA SELECT	ZWE	FST	4	2	0	5	1	1	+	2	2	3	2	3	5	3	13	2	1	2
767	11714	6401	SAM COL. 68	UNK	FST	4	2	+	5	1	1	+	2	2	3	2	5	5	3	13	2	1	2
768	11737	6533	M 3	MWI	FST	4	2	+	5	1	1	+	2	2	3	2	3	3	3	13	2	1	2
769	11738	6535	M 7	MWI	FST	4	2	+	5	2	1	0	2	2	3	2	3	3	3	17	2	1	1
770	11739	6550	45-SPANISH	MWI	FST	4	2	0	3	1	1	+	2	2	3	2	3	7	3	13	2	1	2
771	11742	6557	489	MWI	FST	4	2	0	3	1	1	+	2	2	3	2	3	3	3	10	2	1	1
772	11748	6664	TYPE NO.7	ARG	FST	4	2	+	3	1	1	+	2	2	2	2	3	3	3	13	2	1	2
773	11756	6705	RCM 556	BRA	FST	4	2	+	5	2	1	+	2	2	3	2	3	5	3	13	2	1	2
774	11772	6787	WCG 119	BRA	FST	4	2	0	3	1	1	+	2	2	3	2	3	5	3	13	2	1	1
775	11886	10074	SPZ 506 PURPLE	PER	FST	4	2	0	7	2	3	0	2	2	3	2	5	3	7	7	2	1	2

No.	NRCG	Quantitative traits																											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
751	11640	7	17	20	100	66.2	81.0	4.0	8.4	12.4	7.2	2.9	2.5	2.2	19.2	19.0	145	99	27.1	32.3	40.6	0.0	27.0	11.0	10.5	7.5	61.0	82.8	32
752	11641	7	15	19	105	65.6	78.0	3.8	19.2	23.0	6.0	2.6	2.3	3.6	18.4	14.8	36	80	22.8	32.6	44.6	0.0	25.0	12.0	11.0	7.5	50.2	71.9	30
753	11642	7	20	22	105	58.6	67.6	4.4	28.4	32.8	5.7	2.5	2.3	5.0	13.6	10.2	63	75	32.4	51.5	16.2	0.0	28.0	12.0	11.0	7.0	50.1	81.8	28
754	11644	7	19	22	102	59.6	61.0	4.0	1.4	5.4	7.9	3.2	2.5	1.2	7.6	16.2	110	113	13.2	23.7	63.2	0.0	34.0	14.0	12.5	7.0	50.6	88.9	40
755	11648	7	15	18	102	57.8	70.4	3.8	10.6	14.4	6.0	2.5	2.4	16.0	9.0	7.6	137	84	40.0	33.3	26.7	0.0	24.0	11.5	12.0	7.0	52.6	90.0	30
756	11650	7	15	19	105	68.4	87.6	4.0	6.8	10.8	6.8	2.5	2.7	2.2	9.8	9.6	122	98	28.6	49.0	22.4	0.0	25.0	13.0	12.0	7.5	56.3	92.6	40
757	11668	7	14	16	102	62.5	73.0	4.0	2.5	6.5	6.1	2.6	2.3	17.5	8.5	9.8	132	115	14.7	41.2	44.1	0.0	22.0	12.0	10.0	7.0	50.6	88.2	28
758	11671	7	14	16	103	40.8	67.0	4.2	5.0	9.2	4.9	2.6	1.9	3.0	16.0	14.0	186	88	12.5	62.5	25.0	0.0	20.5	11.5	11.0	8.0	65.7	95.7	26
759	11672	7	17	21	107	66.6	68.8	4.0	16.4	20.4	6.1	2.8	2.2	2.2	15.6	14.6	86	94	34.6	38.5	26.9	0.0	24.0	12.0	10.0	7.5	61.6	88.9	32
760	11673	7	17	20	103	61.0	72.2	4.0	5.4	9.4	6.3	2.6	2.4	2.4	10.8	11.8	100	109	29.6	48.1	22.2	0.0	29.0	12.5	10.5	7.0	64.4	89.5	28
761	11675	7	17	20	108	59.4	67.8	4.0	3.0	7.0	6.5	2.9	2.2	12.0	7.6	13.6	157	169	5.3	36.8	57.9	0.0	40.0	13.0	15.0	7.0	61.9	94.2	46
762	11684	7	16	19	105	55.6	72.8	4.0	7.4	11.4	5.4	2.5	2.2	2.4	17.0	17.6	101	104	23.5	48.2	28.2	0.0	31.5	13.5	12.0	7.5	65.9	93.1	32
763	11698	7	17	19	105	59.8	71.0	4.0	8.6	12.6	5.7	2.4	2.4	18.0	11.2	12.2	223	109	12.5	44.6	42.9	0.0	21.5	10.5	11.5	8.0	65.6	97.5	34
764	11702	7	19	21	106	58.8	67.0	4.2	24.6	28.8	5.5	2.2	2.5	3.2	8.4	6.8	51	81	35.7	40.5	23.8	0.0	22.0	12.0	11.5	7.5	50.0	94.1	28
765	11703	7	15	18	102	71.8	78.2	4.0	8.0	12.0	7.0	2.5	2.8	2.0	11.8	13.0	184	110	30.5	47.5	22.0	0.0	26.0	11.0	11.5	6.7	58.5	92.1	34
766	11713	7	14	16	107	69.6	80.0	4.2	6.4	10.6	6.2	2.8	2.2	14.0	7.6	7.8	87	103	21.1	39.5	39.5	0.0	31.0	12.0	10.5	7.0	66.7	88.5	26
767	11714	7	19	21	102	64.0	69.0	4.0	14.6	18.6	5.9	2.5	2.4	3.2	14.6	9.8	125	67	17.8	46.6	35.6	0.0	28.0	10.5	10.0	7.0	67.3	84.8	22
768	11737	7	15	19	106	62.4	76.4	4.2	7.8	12.0	6.7	2.9	2.3	2.4	11.8	13.4	149	114	18.6	37.3	44.1	0.0	25.5	12.0	11.0	7.0	68.7	93.5	30
769	11738	7	19	22	110	65.2	82.4	4.2	15.2	19.4	6.7	2.9	2.3	7.0	6.8	5.6	65	82	47.1	44.1	8.8	0.0	22.0	15.0	11.0	7.5	72.0	85.7	28
770	11739	7	17	19	105	59.0	67.6	4.2	13.4	17.6	5.0	2.2	2.3	18.0	5.2	6.0	123	115	19.2	53.9	26.9	0.0	24.0	12.0	10.5	7.0	63.3	89.5	28
771	11742	7	15	19	100	47.6	72.2	4.0	2.0	6.0	6.3	3.0	2.1	18.0	14.6	12.0	167	82	35.6	41.1	23.3	0.0	20.0	11.0	12.0	7.0	73.7	95.7	30
772	11748	7	15	19	102	61.0	70.6	4.2	14.2	18.4	5.0	2.1	2.4	2.2	12.6	12.0	106	95	20.6	47.6	31.8	0.0	24.0	14.0	11.0	8.0	56.7	94.1	30
773	11756	7	15	19	102	61.4	75.6	4.0	5.6	9.6	7.1	2.5	2.8	14.0	9.4	10.8	122	115	34.0	34.0	31.9	0.0	27.0	13.0	14.0	7.5	51.9	85.7	40
774	11772	7	17	20	107	59.6	75.0	4.2	4.2	8.4	7.1	3.2	2.2	16.0	8.6	11.0	102	128	16.3	46.5	37.2	0.0	20.0	12.0	11.5	7.5	69.1	89.5	28
775	11886	8	16	18	105	40.2	56.8	3.8	1.6	5.4	5.7	1.8	3.2	2.6	10.8	19.2	126	138	9.3	29.6	55.6	5.6	30.0	12.0	11.0	7.0	55.0	78.7	40

Accessions classified according to some important yield related traits

1. Accessions showing early initial flowering (DIF)*

HYB		HYR		VUL		FST	
<= 17		<= 18		<= 13		<= 13	
NRCG	DIF	NRCG	DIF	NRCG	DIF	NRCG	DIF
6814	16	10121	16	11040	13	7041	13
7543	17	10123	16	11587	13	10716	13
8712	16	10125	18			10965	13
10132	17	10181	17				
10143	17	10183	17				
10427	17	10233	18				
10698	15	11666	18				
11108	16	11722	18				
11682	15						
11771	17						

*Number of days after germination

2. Accessions showing early 50% flowering (DFF)*

HYB		HYR		VUL		FST	
<= 19		<= 20		<= 16		<= 16	
NRCG	DFF	NRCG	DFF	NRCG	DFF	NRCG	DFF
6814	18	10121	18	2406	16	7041	16
7543	19	10123	18	2586	16	7064	16
8712	18	10125	20	5137	16	10316	16
10132	19	10181	19	6980	16	10527	16
10143	19	10183	19	7060	16	10715	16
10427	19	10233	20	7065	16	10716	15
10698	17			7479	16	10965	15
11108	19			7492	16	10973	16
				7537	16	10985	16
				10126	16	11057	16
				11040	16	11184	16
				11041	16	11626	16
				11587	16	11668	16
						11671	16
						11713	16

3. Accessions with early maturity (DTM)
(Number of days after sowing)

HYB		HYR		VUL		FST	
<=115		<=120		<=97		<=97	
NRCG	DTM	NRCG	DTM	NRCG	DTM	NRCG	DTM
6814	110	10123	107	7173	96	1512	96
7248	103	10125	120	7333	97	1604	97
7543	107	11628	120			2441	96
10132	103	11629	119				
10427	115	11658	120				
10698	115	11659	120				
11108	104	11663	120				
11643	115	11666	119				
11929	103	11697	119				
		11727	120				
		11751	120				
		11753	120				

4. Accessions with relatively short height (cm) (LMA)

HYB		HYR		VUL		FST	
<=45.0		<=42.0		<=43.5		<=44.5	
NRCG	LMA	NRCG	LMA	NRCG	LMA	NRCG	LMA
6814	41.8	10121	40.4	835	36.2	10944	40.6
7248	38.8	10125	39.2	2586	37.4	11070	44.4
10427	38.8	10181	41.6	5257	42.6	11072	44.2
11108	42.6	10183	26.0	6607	39.8	11073	43.6
11631	44.6	10222	40.2	7216	37.6	11148	39.6
11665	39.6	10233	35.6	7410	43.2	11184	37.8
11678	38.7	11629	42.0	10998	42.4	11591	37.6
11704	43.4	11663	33.6	11066	40.8	11597	43.2
11719	44.4	11664	26.8	11674	43.2	11671	40.8
11752	44.8	11666	42.0			11886	40.2
11773	44.8	11667	29.6				

5. Accessions with high pod yield (g/m²) (PMT)

HYB		HYR		VUL		FST	
>=200		>=140		>=235		>=185	
NRCG	PMT	NRCG	PMT	NRCG	PMT	NRCG	PMT
7543	192	11627	169	6806	262	10763	223
11631	225	11629	183	6808	239	10828	210
11693	268	11689	192	6935	272	11169	193
11711	208	11727	164	7020	249	11625	259
11715	282	11753	141	7181	244	11633	187
11749	221	11778	140	7470	235	11671	186
11780	220					11698	223

6. Accessions with high 100-pod mass (g) (HPW)

HYB		HYR		VUL		FST	
>=130		>=105		>=125		>=155	
NRCG	HPW	NRCG	HPW	NRCG	HPW	NRCG	HPW
10350	138	11689	116	7399	131	10929	155
11677	131	11697	139	10993	127	11037	177
11682	181	11722	115	11040	141	11068	156
11688	130	11751	125	11692	138	11169	161
11693	155	11778	106	11696	179	11609	163
11744	146					11675	169
11766	155						

7. Accessions with long pods (mm) (PDL)

HYB	HYR		VUL		FST	
	>=29.0	>=27.0	>=28.0	>=34.0		
	NRCG	PDL	NRCG	PDL	NRCG	PDL
11643	29.0	10121	28.0	6807	10997	34.0
11677	29.0	10125	27.0	7052	11068	37.0
11685	29.0	10183	27.0	11229	11087	34.0
11686	30.0	11659	27.0	11495	11644	34.0
11691	29.0	11666	30.0	11692	11675	40.0
11695	30.0	11689	28.0			
11705	29.0	11690	27.0			
11719	34.0	11697	30.0			
11779	29.0	11722	28.0			
		11751	32.0			

8. Accessions with broader pods (mm) (PDW)

HYB	HYR		VUL		FST	
	>=13.5	>=13.0	>=13.0	>=13.5		
	NRCG	PDW	NRCG	PDW	NRCG	PDW
11677	13.5	10222	13.0	6797	2323	14.0
11678	13.5	10233	13.0	7359	10834	15.0
11686	15.0	11628	13.0	10991	11633	15.0
11688	14.0	11666	14.0	11026	11635	14.0
11693	15.0	11687	14.0	11692	11644	14.0
11707	13.5	11689	15.0		11684	13.5
11719	14.0	11690	13.0		11738	15.0
11766	15.0	11697	13.5		11748	14.0
		11722	14.0			
		11751	14.0			

9. Accessions with long seeds (mm) (SDL)

HYB	HYR		VUL		FST	
	>=16.0	>=14.0	>=13.0	>=13.0		
	NRCG	SDL	NRCG	SDL	NRCG	SDL
11677	17.5	10123	14.0	5036	2514	13.0
11686	17.0	10222	14.0	5252	2567	13.0
11688	16.0	11687	16.0	7040	11016	14.0
11719	17.5	11689	15.0	7660	11020	13.0
11763	16.0	11697	14.0	10809	11068	15.0
11773	17.0	11722	15.0	10991	11636	13.0
		11727	16.0	11495	11638	13.0
		11751	17.0	11656	11675	15.0
				11692	11756	14.0

10. Accessions with broader seeds (mm) (SDW)

HYB	HYR		VUL		FST	
	>=9.0	>=8.0	>=8.5	>=8.5		
	NRCG	SDW	NRCG	SDW	NRCG	SDW
11677	9.0	10123	8.0	3686	10782	8.5
11693	9.0	11666	8.0	6917	10849	8.5
11707	9.0	11751	9.0		11635	9.0
11763	9.0					
11766	9.0					

11. Accessions with high shelling percentage (SHE)

HYB		HYR		VUL		FST	
>=72.0		>=66.0		>75.0		>=70.0	
NRCG	SHE	NRCG	SHE	NRCG	SHE	NRCG	SHE
7543	72.2	10181	71.3	2399	75.9	11005	71.3
10350	72.7	10222	70.1	2758	75.6	11184	71.0
11631	73.6	11627	70.0	4261	75.6	11242	71.6
11665	72.2	11628	68.0	7287	75.4	11580	70.7
11682	73.5	11658	74.4	7433	75.1	11625	73.1
11683	72.2	11697	66.0	7856	76.1	11738	72.0
11741	73.0	11753	69.0			11742	73.3
11744	75.0	11778	66.7				
11754	72.5						
11771	74.2						

12. Accessions with higher sound mature seed percent (SMS)

HYB		HYR		VUL		FST	
>=93.0		>=92.0		>=96.5		>=96.0	
NRCG	DIF	NRCG	DIF	NRCG	DIF	NRCG	DIF
NRCG	SMS	NRCG	SMS	NRCG	SMS	NRCG	SMS
11682	96.0	11629	95.1	2456	96.7	10957	96.5
11683	94.2	11659	92.9	3450	96.7	10960	96.2
11686	94.6	11663	93.3	6980	97.0	11013	98.1
11693	95.4	11666	93.8	7109	97.6	11014	96.0
11715	95.5	11689	92.6	7164	96.7	11698	97.5
11744	93.3	11743	92.7	11692	97.5		
11780	93.9						

13. Accessions with higher 100-seed mass (g) (HSM)

HYB		HYR		VUL		FST	
>=50.0		>=45.0		>=45.0		>=44.0	
NRCG	HSM	NRCG	HSM	NRCG	HSM	NRCG	HSM
11670	51.0	10222	48.0	6935	48.0	10721	44.0
11677	50.0	11687	49.0	7035	46.0	10751	44.0
11682	66.0	11689	50.0	10809	50.0	11020	46.0
11705	60.0	11722	53.0	11669	45.0	11062	47.0
11707	52.0	11727	50.0	11692	48.0	11148	44.0
11708	50.0	11740	52.0	11696	48.0	11675	46.0
11715	68.0						
11749	50.0						
11763	56.0						

Annexure I
Country code, Name of country and number of accessions evaluated

Code	Country	HYB	HYR	VUL	FST	Total
ARG	Argentina	3	-	16	15	34
AUS	Australia	1	-	2	-	3
BGR	Bulgaria	-	-	-	1	1
BOL	Bolivia	-	-	-	2	2
BRA	Brazil	1	-	2	30	33
MYN	Myanmar	-	-	2	1	3
CAF	Cen. African Rep.	-	-	2	-	2
CHN	China	-	-	7	-	7
CIV	Ivory Coast	-	-	3	-	3
CUB	Cuba	-	-	3	1	4
ECU	Ecuador	1	-	-	-	1
EGY	Egypt	-	1	-	-	1
GHA	Ghana	-	-	-	1	1
GNQ	Equatorial Guinea	-	-	-	1	1
GRC	Greece	-	-	1	-	1
HVO	Burkina Faso	-	-	2	-	2
IDN	Indonesia	1	-	2	-	3
IND	India	2	14	231	28	275
IRN	Iran	-	1	1	-	2
ISR	Israel	1	-	4	2	7
JPN	Japan	-	-	1	-	1
KEN	Kenya	-	-	-	2	2
KOR	Korea	-	-	1	-	1
LBR	Liberia	-	-	-	1	1
MAR	Morocco	-	-	1	-	1
MDG	Madagascar	-	-	2	-	2
MLI	Mali	1	-	-	-	1

Code	Country	HYB	HYR	VUL	FST	Total
MOZ	Mozambique	1	-	-	-	1
MUS	Mauritius	1	-	-	1	2
MWI	Malawi	5	2	11	4	22
MYS	Malaysia	-	-	2	-	2
NGA	Nigeria	1	1	5	2	9
PAK	Pakistan	-	-	-	1	1
PER	Peru	-	-	-	40	40
PRY	Paraguay	-	-	4	7	11
SDN	Sudan	2	1	8	4	15
SEN	Senegal	1	-	1	1	3
SLE	Sierra Leone	-	-	2	1	3
SUN	Union of Soviet Socialist Republic	-	-	8	1	9
SWZ	Swaziland	-	-	1	-	1
SYR	Syrian Arab Republic	-	-	-	1	1
TTO	Trinidad & Tobago	-	-	-	1	1
TWN	Taiwan	-	-	2	1	3
TZA	Tanzania	3	-	6	5	14
UGA	Uganda	-	-	6	2	8
UNK	Unknown	7	2	103	18	130
URY	Uruguay	-	-	-	2	2
USA	United States of America	20	3	20	11	54
VEN	Venezuela	-	-	-	2	2
ZAF	South Africa	1	-	5	4	10
ZAR	Zaire	-	-	5	4	9
ZMB	Zambia	3	-	-	1	4
ZWE	Zimbabwe	3	3	9	8	23
	Grand total	59	28	481	207	775