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SAGTEVRUGTEPLANTVERBETERINGSVERENIGING
DECIDUOUS FRUIT PLANT IMPROVEMENT ASSOCIATION

ANNUAL REPORT **2022**



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SAGTEVRUGTEPLANTVERBETERINGSVERENIGING
DECIDUOUS FRUIT PLANT IMPROVEMENT ASSOCIATION

Annual report of the Deciduous Fruit Plant Improvement Association (DPA)

TABLE OF CONTENTS

1.	Members of the DPA	1
2.	Composition of the Board, the Executive Committee and the Technical Committee	3
3.	Directors of Plant SA	4
4.	Financial statement as on 31 December 2022	4
5.	State of the Clones	5
6.	State of the Block units	6
7.	Nursery trees available	10
8.	Summary of the activities of 2022	26
9.	Acknowledgements	27

1. MEMBERS OF THE DPA

1.1 Producer organisations

The following producer organisations were registered as members of the DPA in 2022:

Hortgro Pome
Hortgro Stone
Canning Fruit Producers (CFP)

1.2 Plant Improvement Organisations

The following Plant Improvement Organisations were members of the DPA in 2022:

SAPO Trust
Stargrow
TopFruit

1.3 Nurseries

There were 48 registered nurseries of which 9 were registered as Foundation nurseries. The Deciduous Fruit Nurserymen's Association (D.N.A.) represented the nurseries on the DPA Board and the Technical Committee.

The list of registered nurseries (in alphabetical order) is as follows:

CERT	DPA REGISTERED NURSERIES 2022-2023
12096	Albero Kwekery
10013	Ashton Kwekery
10020	Bokkeveld Nursery Partnership
10468	Caledon Valley Nursery
12010	Capestar Kwekery
11769	Cape Sweet Nursery
12037	Ceres Tree Traders

CERT**DPA REGISTERED NURSERIES 2022-2023**

10022	Ceres Vrugtebome
10218	Constantia Kwekery
11905	De Fynne Kwekery
11763	De Keur Kwekery
11625	Dep Belange (Pty) Ltd T/A Dep Kwekery
12008	Free State Tree Nursery (Pty) Ltd
11768	Howbill Kwekery
10016	JD Van Deventer Boerdery
11806	Jonkiespoort Kwekery
10024	Joubertina Kwekery (Pty) Ltd
11922	JVR Kwekery
10122	Laastedrif Kwekery
11702	Langfontein Ceres Agri Kwekery
10370	Louis Lategan en Seuns Boerdery
11123	Montagu Vrugteboom Kwekery
11819	Mouton Nursery
12000	Oudebrug Kwekery (Pty) Ltd
11926	Real Roots Nursery
10002	Redhill Superplant Nursery
10054	RJF Boerdery
11433	Roselandia Trust
10859	Rosenhof Nursery (Pty) Ltd
10011	St Kilda Kwekery
10801	Stargrow Marthinusrust
10702	Stargrow Rooihoogte
10814	Stargrow Suikerbosrand
10006	Stemmet Kwekery (Pty) Ltd
10123	Tierberg Kwekery
11176	Tolbos Nursery
11543	Tulbagh Kwekery
10017	Vredehoek Kwekery
12008	XX Tree Nursery
10567	Zuiderkruis Kwekery

SAPO Foundation Nurseries

Stargrow Foundation Nurseries

TopFruit Foundation Nurseries

2. COMPOSITION OF THE BOARD, THE EXECUTIVE COMMITTEE AND THE TECHNICAL COMMITTEE

2.1 DPA BOARD

Mr. Wiehahn Victor served as Chairman of the DPA Board. The following members represented their respective organisations:

Producers

Mr.	J Jordaan	CFP
Mr.	D Morkel	Hortgro Stone
Ms.	A Pretorius	Hortgro Pome

PIO's

Ms.	R Carstens	SAPO Trust
Mr.	MH Prins	Stargrow
Mr.	S Amos	TopFruit

Nurseries

Mr.	JD van Deventer	D.N.A.
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Other members

Mr.	NL Africander	Department of Agriculture, Land Reform and Rural Development (DALRRD)
Mr.	H Mootane	DALRRD (Acting Registrar)
Mr.	H Campbell	Chairman – Technical Committee
Mr.	SJ Victor	Independent (Chairman)

Secretary

Ms.	RM Kriel	Plant SA
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2.2 EXECUTIVE COMMITTEE

Mr.	SJ Victor (Chairman)
Mr.	MH Prins
Mr.	JD van Deventer

2.3 TECHNICAL COMMITTEE

Mr.	H Campbell	Hortgro Technical (Chairman)
Ms.	S Malan	SAPO Trust
Mr.	MH Prins	Stargrow
Mr.	S Amos	TopFruit
Mr.	C Stemmet	D.N.A.
Mr.	HP Gerber	BG Plantinspeksie Konsultante

Co-opted

Ms.	I du Toit	Inspection Services - DALRRD
Ms.	L Frazenburg	Plant Health - DALRRD
Dr.	G Pietersen	Patho Solutions
Prof.	K Theron	University of Stellenbosch
Mr.	C Stander	Freshness First
Ms.	R Kriel	Secretary

3. DIRECTORS OF PLANT SA

The following DPA members served as Directors of Plant SA in 2022:

Mr. SJ Victor (Chairman), Mr. JD van Deventer and Mr. MH Prins, while Mr. D Morkel served as alternate director.

4. FINANCIAL STATEMENT AS ON 31 DECEMBER 2022

According to the preliminary audited Income and Expenditure Statement for the financial year 1 January 2022 to 31 December 2022, as prepared by BGR de Villiers, the year ended with a deficit of R 364 012.

As a result of this shortfall, the accumulated funds of the DPA decreased from R 1 767 643 on 1 January 2022 to R 1 403 631 on 31 December 2022.

5. STATE OF THE CLONES

The DPA received 20 candidate clone applications during 2022. In the same time frame there were 27 new official varieties added to the official variety list of which 17 received plant breeders' rights.

The detail of the clones as on 31 December 2022 is given in **Table 1**.

TABLE 1 Number of varieties with status by fruit type

FRUIT TYPE	SCION (B) / ROOTSTOCK (O)	CANDIDATE	REGISTERED	TOTAL	OFFICIAL VARIETIES
POME FRUIT					
APPLES	B	61	70	131	196
	O	41	27	68	18
	TOTAL	102	97	199	214
PEARS	B	17	39	56	71
	O	4	12	16	7
	TOTAL	21	51	72	78
QUINCES	O	1	5	6	4
SUB TOTAL		124	153	277	296
STONE FRUITS					
ALMONDS	B	3	12	15	19
APRICOTS	B	20	19	39	51
CHERRIES	B	8	16	24	39
NECTARINES	B	45	102	147	243
PEACHES	B	41	90	131	189
PLUMS	B	40	59	99	100
PRUNES	B	8	4	12	7
INTERSPECIFICS	B	11	9	20	46
ROOTSTOCKS	O	24	52	76	33
SUB TOTAL		200	363	563	727
GRAND TOTAL		324	516	840	1023

6. STATE OF THE BLOCK UNITS

The detail of the rootstock units (**Table 2**) and scion units (**Table 3 and 4**), as at 31 December 2022 are summarised below.

TABLE 2 Number of rootstock varieties indicated by fruit type

FRUIT TYPE	UNIT TYPE	STATUS	NUMBER OF VARIETIES	NUMBER OF PREMISES	NUMBER OF UNITS	NUMBER OF TREES
POME FRUIT						
APPLES	GV	CERT.	9	6	53	281 657
		CAND.	12	6	35	59 139
	SUB TOTAL		18	7	88	340 796
	MB	CERT.	7	12	33	149 335
		CAND.	10	13	25	79 044
	SUB TOTAL		12	16	58	228 379
	GRAND TOTAL		19	19	146	569 175
PEARS & QUINCES	GV	CERT.	5	5	10	33 668
		CAND.	4	4	10	2 906
	SUB TOTAL		8	7	20	36 574
	MB	CERT.	3	15	27	58 947
		CAND.	4	6	11	16 938
	SUB TOTAL		4	18	38	75 885
	GRAND TOTAL		9	21	58	112 459
CHERRIES						
CHERRIES	GV	CERT.	1	1	5	414
	MB	CERT.	1	1	2	111
	TOTAL		1	1	7	525
OTHER STONE FRUIT						
	GV	CERT.	10	4	27	9 883
		CAND.	10	4	17	4 226
	TOTAL		16	5	44	14 109
	MB	CERT.	11	14	69	53 476
		CAND.	7	9	15	8 982
	TOTAL		13	17	84	62 458
	SUB TOTAL		18	18	128	76 567
GRAND TOTAL			47	33	339	758 726

- 72 Rootstock block units were scrapped in 2022, while only 5 new blocks were added.
- 16% of the foundation and mother block units are older than 15 years and 64% of the block units are 10 years or younger.
- There are 139 reserve rootstock block units (219 254 plants) on the block register that do not qualify for status because the necessary ELISA tests were not performed.

TABLE 3 Number of scion varieties indicated by block type – pome fruit

FRUIT TYPE	BLOCK TYPE	STATUS	NUMBER OF VARIETIES	NUMBER OF UNITS	NUMBER OF BLOCKS	NUMBER OF TREES
POME FRUIT						
APPLES	GV	CERT	23	7	32	962
		CAND	42	9	81	5 679
	TOTAL		52	9	113	6 641
	MB	CERT	20	23	55	87 722
		CAND	29	30	98	139 400
	TOTAL		42	48	153	227 122
SUB TOTAL		62	50	266	233 763	
PEARS	GV	CERT	5	2	6	80
		CAND	15	5	32	2 175
	TOTAL		17	6	38	2 255
	MB	CERT	11	12	21	21 020
		CAND	10	10	21	11 660
	TOTAL		17	19	42	32 680
SUB TOTAL		21	21	80	34 935	
GRAND TOTAL – POME FRUIT			73	59	346	268 698

- There were 89 pome fruit foundation- and mother block units scrapped in 2022, while there were applications for 35 units in the same time frame.
- 5% of pome fruit foundation and mother block units are more than 20 years old, while 60% of the trees are less than 10 years old.
- There are 441 reserve scion block units that could qualify for status, but the necessary ELISA tests were not performed. There are 69 blocks where ELISA tests were performed, but there were no applications made for the registration of clones.

TABLE 4 Number of scion varieties indicated by block type – stone fruit

FRUIT TYPE	BLOCK TYPE	STATUS	NUMBER OF VARIETIES	NUMBER OF UNITS	NUMBER OF BLOCKS	NUMBER OF TREES
STONE FRUIT						
ALMONDS	GV	CERT	9	1	9	144
		CAND	6	2	7	242
	TOTAL		11	2	16	386
	MB	CERT	3	1	5	540
		CAND	6	3	9	781
	TOTAL		8	3	14	1 321
	SUB TOTAL		11	3	30	1 707
APRICOTS	GV	CERT	7	2	14	3 338
		CAND	5	2	18	2 486
	TOTAL		7	2	32	5 824
	MB	CERT	3	1	3	160
		CAND	5	3	11	796
	TOTAL		6	4	14	956
	SUB TOTAL		8	5	46	6 780
CHERRIES	GV	CERT	10	1	11	250
		CAND	1	1	1	35
	TOTAL		11	2	12	285
	MB	CERT	5	1	5	513
		CAND	5	2	12	752
	TOTAL		6	2	17	1 265
	SUB TOTAL		12	3	29	1 550
NECTARINES	GV	CERT	16	3	18	215
		CAND	5	4	7	621
	TOTAL		19	5	25	836
	MB	CERT	7	7	9	3 080
		CAND	13	5	18	5 285
	TOTAL		17	9	27	8 365
	SUB TOTAL		29	12	52	9 201
PEACHES	GV	CERT	25	2	28	3 560
		CAND	18	2	26	1 494
	TOTAL		35	3	54	5 054
	MB	CERT	12	6	13	11 301
		CAND	13	6	20	20 926
	TOTAL		19	9	33	32 227
	SUB TOTAL		40	10	87	37 281

FRUIT TYPE	BLOCK TYPE	STATUS	NUMBER OF VARIETIES	NUMBER OF UNITS	NUMBER OF BLOCKS	NUMBER OF TREES
PLUMS	GV	CERT	27	1	30	540
		CAND	29	2	41	2 029
	TOTAL		40	2	71	2 569
	MB	CERT	24	1	33	3 843
		CAND	16	5	41	8 039
	TOTAL		27	5	74	11 882
	SUB TOTAL		43	6	145	14 451
PRUNES	GV	CERT	2	1	2	37
		CAND	4	2	6	170
	TOTAL		6	2	8	207
	MB	CERT				
		CAND	4	1	4	91
	TOTAL		4	1	4	91
	SUB TOTAL		10	3	12	298
INTER-SPECIFICS	GV	CERT	3	2	3	44
		CAND	6	4	9	196
	TOTAL		7	5	12	240
	MB	CERT	2	2	2	1 030
		CAND	3	2	5	520
	TOTAL		4	3	7	1 550
	SUB TOTAL		7	7	19	1 790

- There were 214 stone fruit foundation- and mother block units scrapped in 2022, while there were applications for 270 units in the same time frame.
- 98% of stone fruit foundation block units are less than 10 years old, while 66% of the mother block units are less than 10 years of age.
- There are 458 reserve scion block units that could qualify for status, but the necessary ELISA tests were not performed. There are also 357 blocks where ELISA tests were performed, but there were no applications made for the registration of clones.

7. NURSERY TREES AVAILABLE

7.1 Rootstocks utilised

The rootstocks used for 2022 are summarised in **Table 5**, the number of rootstocks per fruit type is given with the statuses as issued.

Table 5 Rootstocks used in nurseries during 2022

FRUIT TYPE	CERT.	CAND.	UNCERT.	TOTAL
POME FRUIT				
APPLES	1 417 233	224 457	939 126	2 580 816
PEARS & QUINCES	582 383	23 233	142 892	748 508
STONE FRUIT				
ALMONDS	171 315	24 259	53 283	248 857
APRICOTS	86 576	2 660	2 280	91 516
CHERRIES			59 000	59 000
NECTARINES	492 317	44 613	158 448	695 378
PEACHES	191 902	11 642	44 271	247 815
PLUMS	317 975	17 378	3 874	339 227
PRUNES	2 787	10	3 140	5 937
INTERSPESIFICS	240 700	2 571	17 919	261 190
TOTAL	3 503 188	350 823	1 424 233	5 278 244

The percentage of certified rootstocks utilised in 2022 has decreased from 80% in 2021 to 73%. The reason for this is a decrease from 73% to 64% in certified apple rootstocks.

The most important rootstock varieties used in 2022 with their statuses are shown in **Table 6**.

TABLE 6 Most important rootstocks used in 2022

VARIETY	CERTIFIED	CANDIDATE	UNCERT.	TOTAL
APPLES				
M 7	711 266	74 100	48 682	834 048
MM 109	398 497	3 500	90 551	492 548
G 778	19 268	607	460 195	480 070
M 9 T337		62 399	240 763	303 162
M 793	156 694		28 890	185 584
M 9 EMLA	68 339	18 860	6 548	93 747
M 9 NIC29		56 566	11 161	67 727
G 222	57 719	810	200	58 729
G 202	3 500	4 500	46 936	54 936
PEARS				
BP 1	408 470	9 200	11 320	428 990
BA 29	171 632	5 500	90 125	267 257
D 6			36 233	36 233
OHXFD 40		2 717	3 703	6 420
QUINCE C51	500	3 273		3 773
FOX 9			1 511	1 511
CHERRIES				
MXM 14			27 413	27 413
MXM 60			21 184	21 184
CAB 6P			7 780	7 780
VICTOR			2 012	2 012
OTHER STONE FRUIT				
MARIANNA	413 138	2 260	19 219	434 617
VIKING	252 600	2 677	101 730	357 007
KAKAMAS	252 978	7 539	70 145	330 662
FLORDAGUARD	205 157	32 811	4 197	242 165
GF 677	128 587	1 940	726	131 253
ATLAS	57 682	5 390	39 391	102 463
BY5209	27 733	41 550		69 283
SAP778	56 318			56 318
SOLDONNE	39 354			39 354
AVIMAG	30 421	26	644	31 091
MARIDON	27 113			27 113
GARNEM			22 790	22 790
ROOTPAC 20			17 130	17 130
ROYAL	4 843	2 660	2 000	9 503

7.2 Tree numbers

The number of trees available by fruit type are listed in **Table 7**.

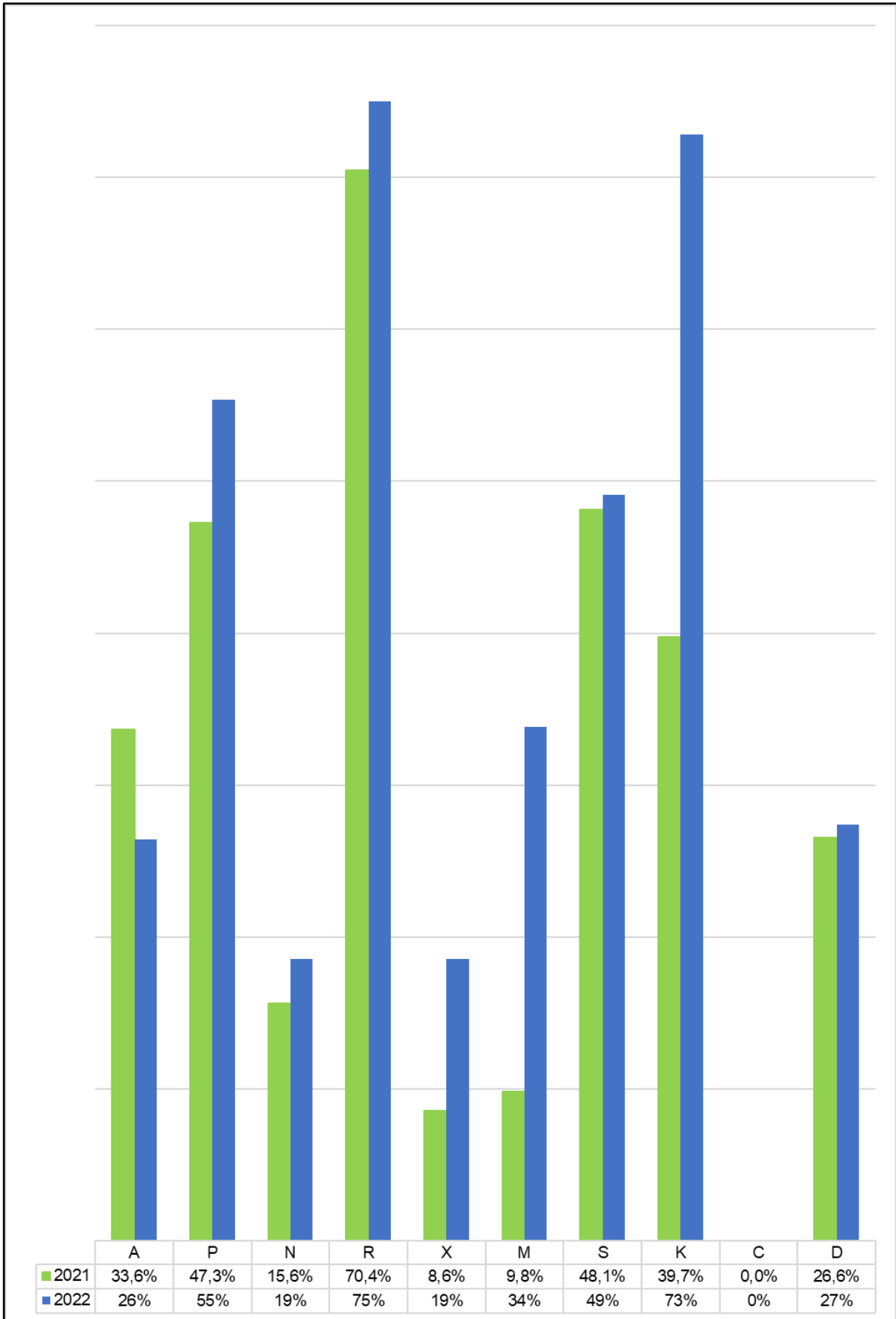
TABLE 7 Trees available from nurseries in 2022

FRUIT TYPE	CERTIFIED	CANDIDATE	UNCERT.	TOTAL
POME FRUIT				
APPLES	308 085	373 960	1 898 138	2 580 183
PEARS	170 218	241 047	333 440	744 705
STONE FRUIT				
ALMONDS	16 252	67 953	164 652	248 857
APRICOTS	9 104	57 562	24 850	91 516
CHERRIES			59 000	59 000
NECTARINES	39 255	93 025	563 098	695 378
PEACHES	42 160	72 018	125 636	239 814
PLUMS	148 888	105 336	84 903	339 127
PRUNES	1 551	75	4 311	5 937
INTERSPESIFICS	5 849	42 639	212 702	261 190
TOTAL	741 362	1 053 615	3 470 731	5 265 708

The total number of trees available is 9% less in 2022 than in 2021.

The percentage certified trees available decreased from 35.7% in 2021 to 34.2% in 2022. This can be attributed to a decrease in certified apple trees. For all other fruit types the percentage certified trees increased.

The percentage of trees with certified / candidate status available in 2022 compared to 2021 is shown in **Graph 1**.



Graph 1 Nursery trees with certification status available in 2022 compared to 2021

The Top 10 varieties of each fruit type available in 2022 are provided according to their statuses in **Table 8**.

TABLE 8 Top 10 varieties per fruit type, available in 2022

VARIETY	CERTIFIED	CANDIDATE	UNCERT.	TOTAL
APPLES				
LADY IN RED	47 816	138 618	273 740	460 174
BINGO GALA		2 875	454 106	456 981
GRANNY SMITH	90 442	10 088	158 191	258 721
RDS	2 200	24 688	224 972	251 860
BIGBUCKS	610	93 921	80 148	174 679
EARLY RED ONE	11 937	803	115 859	128 599
CRIPPS RED	47 373		62 892	110 265
DECARLI GALA		9 748	96 796	106 544
FUJI ROYAL			104 566	104 566
LOUTERWATER GR			71 647	71 647
PEARS				
FORELLE	51 035	14 800	214 299	280 134
ROSEMARIE	51	143 499	17 096	160 646
PACKHAMS TRIUMPH	69 230	2 717	23 853	95 800
CELINA		36 243	23 655	59 898
ABATE FETEL	42 240	162	8 683	51 085
EARLY BON CHRETIEN		37 097	7 235	44 332
CAPE ROSE	4 720	57	15 131	19 908
CAPE BLUSH		6 453	2 276	8 729
<i>PREMP009</i>			8 129	8 129
CLAPPS FAVOURITE	775		3 203	3 978
CHERRIES				
ROYAL TIOGA			25 090	25 090
ROYAL HAZEL			11 806	11 806
ROYAL LYNN			7 877	7 877
MINNIE ROYAL			3 705	3 705
<i>PROEFBOME</i>			3 635	3 635
<i>CHEERY BURST</i>			3 391	3 391
ROYAL BAILEY			877	877
<i>SWEET SARETA</i>			356	356
<i>SWEET GABRIEL</i>			232	232
ROYAL LEE			200	200

VARIETY	CERTIFIED	CANDIDATE	UNCERT.	TOTAL
APRICOTS				
BULIDA	7 853	26 440	14 580	48 873
PALSTEYN	5	14 298	900	15 203
CAPE BEBECO		12 728	1 900	14 628
CHARISMA	989	2 000	12	3 001
<i>P PRINS</i>			2 900	2 900
SOLDONNE		2 011	240	2 251
GOLDEN MAY			734	734
ROYAL	6	80	478	564
SUPERGOLD	238		320	558
NELSON			540	540
ALMONDS				
SOLETA			83 311	83 311
NONPAREIL	2 401	21 006	15 864	39 271
ZEE ALMAND			31 175	31 175
EL FAHEM		27 554	380	27 934
NE PLUS ULTRA	6 791	4 040	1 560	12 391
<i>ADMONT</i>			11 960	11 960
FERRAGNES	2 242	6 670	1 325	10 237
VOLCANI 5	2 469	3 790	1 420	7 679
PEERLESS	115	3 774	1 760	5 649
PRICE	102	1 069	4 293	5 464
NECTARINES				
HONEY SPRING			73 413	73 413
SUNECTWENTYONE	11 220	54 524	3 180	68 924
ALPINE	24 343	17 284	14 266	55 893
GARCIMA			53 939	53 939
HONEY POT			43 785	43 785
PATAGONIA			33 828	33 828
HONEY TREAT			33 143	33 143
TIFANY			28 965	28 965
CLARISS			25 722	25 722
HONEY BURST			24 362	24 362

VARIETY	CERTIFIED	CANDIDATE	UNCERT.	TOTAL
PEACHES				
KEISIE	3 459	23 770	3 380	30 609
SANDVLIET	5 180	3 794	14 416	23 390
SUMMER SUN	5 590	9 137	7 529	22 256
CASCADE	16 275	3 381	18	19 674
FLATREINE			10 336	10 336
AUTUMN CRUNCH	49	9 355		9 404
OOM SAREL	2 686	2 106	4 334	9 126
EARLIGOLD	1 730	5 370	973	8 073
SUPECHFIFTEEN	3 000		4 840	7 840
TRANSVALIA		1 810	5 065	6 875
PRUNES				
VAN DER MERWE	1 380	10	3 689	5 079
ERFDEEL	43	7	220	270
PRUNE D'AGEN	128		64	192
<i>MUIR BEAUTY</i>		58	70	128
<i>JANAND</i>			100	100
<i>F13S-46</i>			49	49
TULARE GIANT			44	44
<i>HAGANTA</i>			35	35
<i>JOGANTA</i>			22	22
SUTTER			17	17
PLUMS				
RUBY SUN		42 320	1	42 321
ARC PR-2	23 544	12 439	4 002	39 985
FORTUNE	22 974	6 500	380	29 854
SUPLUMSIX	18 482	5 434	10	23 926
HARRY PICKSTONE	17 698	475	2 969	21 142
QUEEN ELSA			20 908	20 908
BLACK SPLENDOR	3 377	14 905		18 282
SEPTEMBER YUMMY		3 060	11 260	14 320
SUNKISS	11 998		400	12 398
SONGOLD	10 955	240	907	12 102
INTERSPECIFICS				
BLACKRED I	2 807	31 103	54 635	88 545
RUBY DAWN			43 846	43 846
EBONY ROSE			29 927	29 927
RED PHOENIX		1 890	27 885	29 775
FESTIVAL RED			29 386	29 386

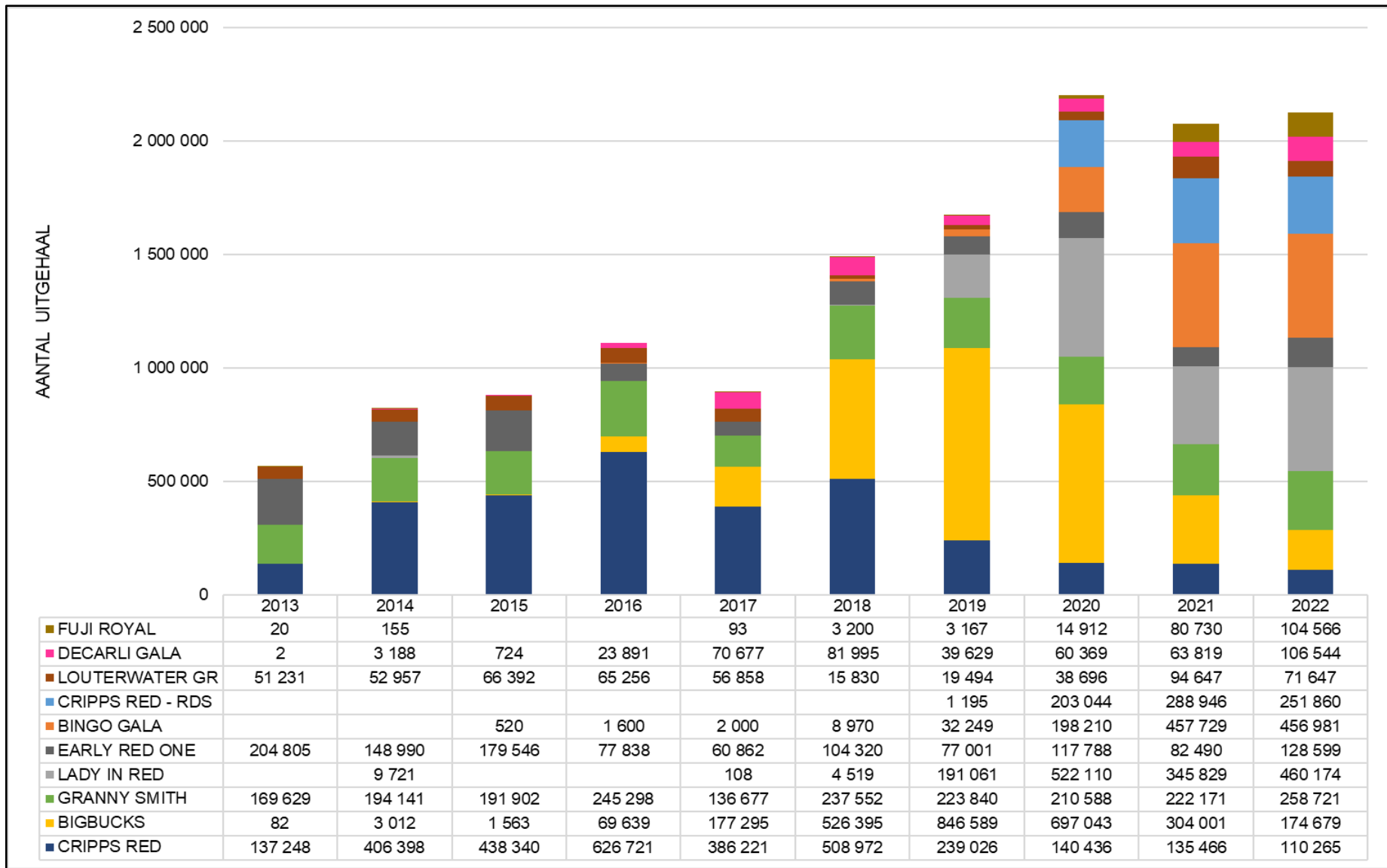
FLAVOR KING	3 042	8 738	720	12 500
HONEY PUNCH			8 130	8 130
MIDNIGHT GOLD			4 869	4 869
AUTUMN TREAT			3 470	3 470
14B280			2 390	2 390

Graphs 2 - 3 show the number of pome fruit trees available over the last ten years, of the most utilised varieties in 2022.

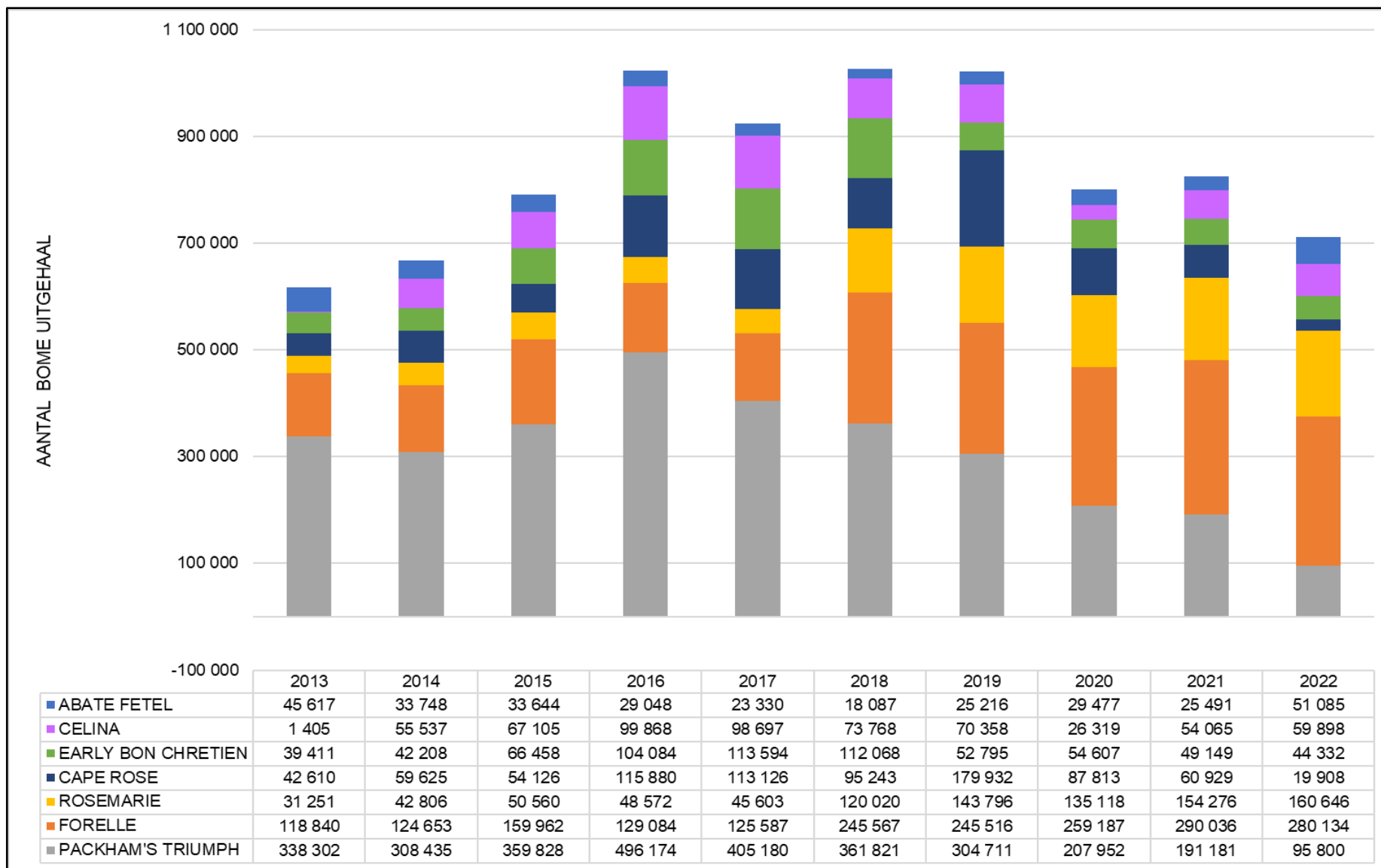
- For apples, the top ten varieties for 2022 are shown
- For pears, the top seven varieties for 2022 are shown

Graph 4 shows the ratio of stone fruit available over the last ten years.

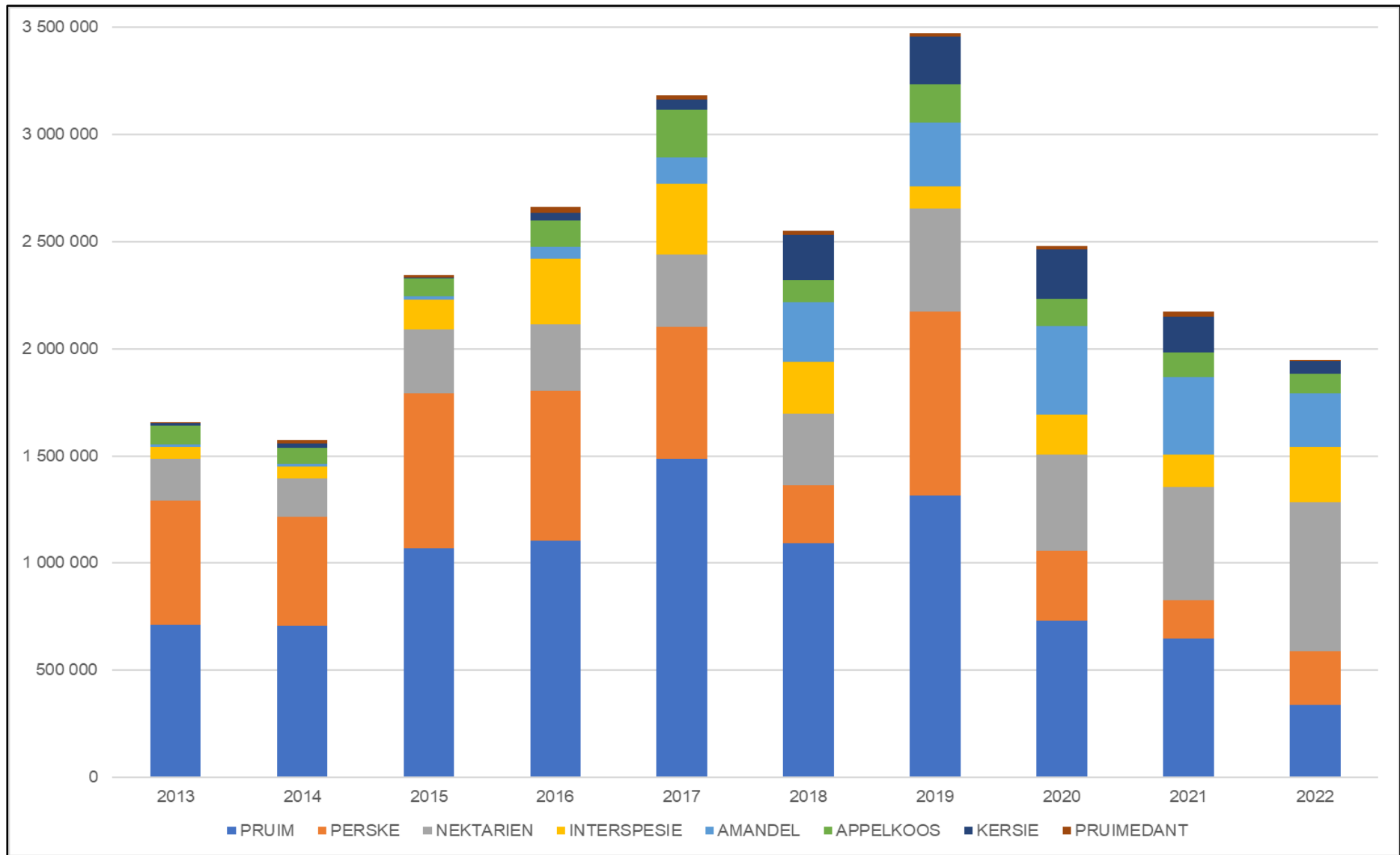
In **Graph 5** the top ten plum, prune and interspecifics are shown, in **Graph 6** the top ten peaches and nectarines, in **Graph 7** the top five apricots, in **Graph 8** the top 4 cherries and in **Graph 9** the top ten almonds are shown.



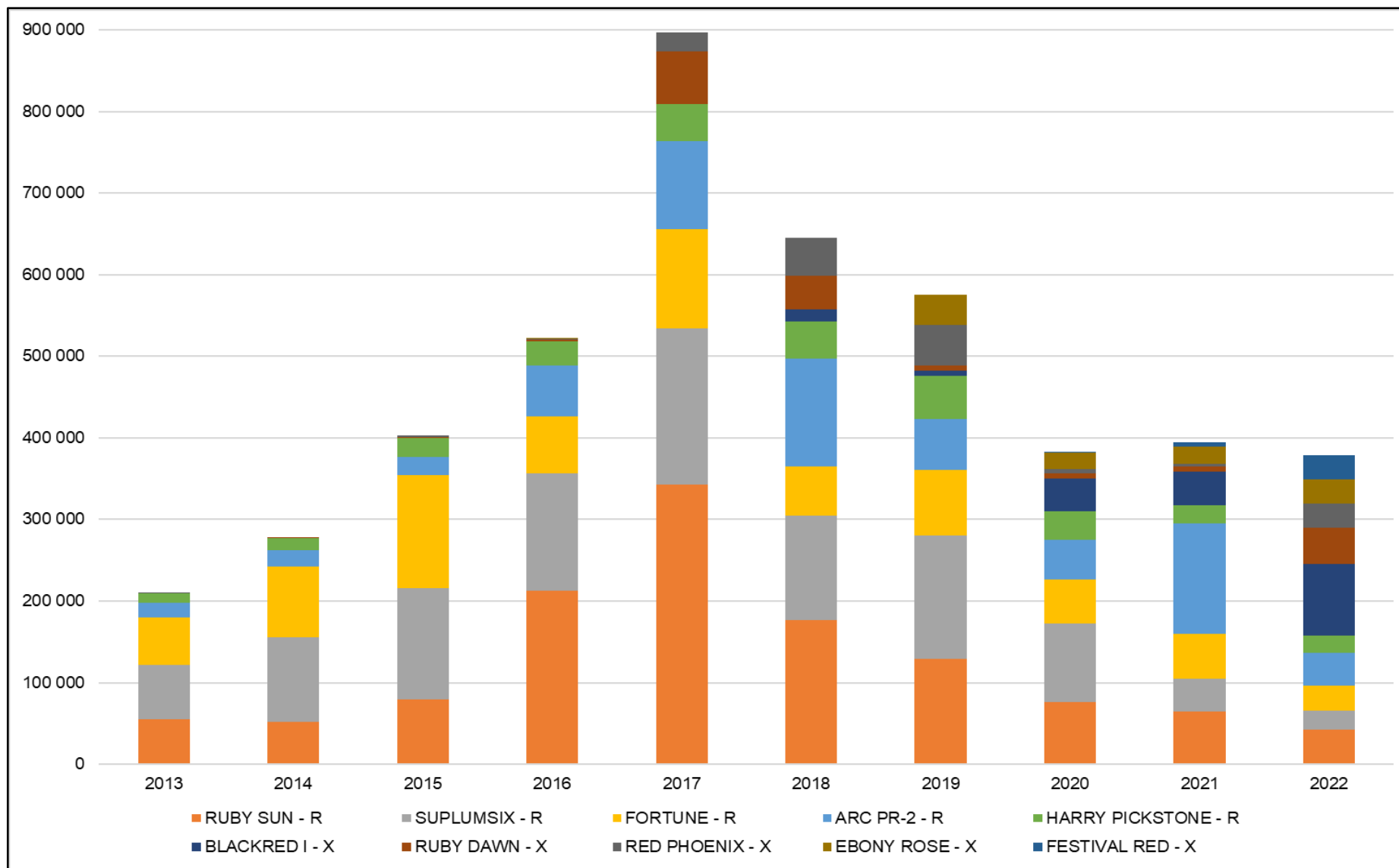
Graph 2 Top 10 apple varieties available in 2022



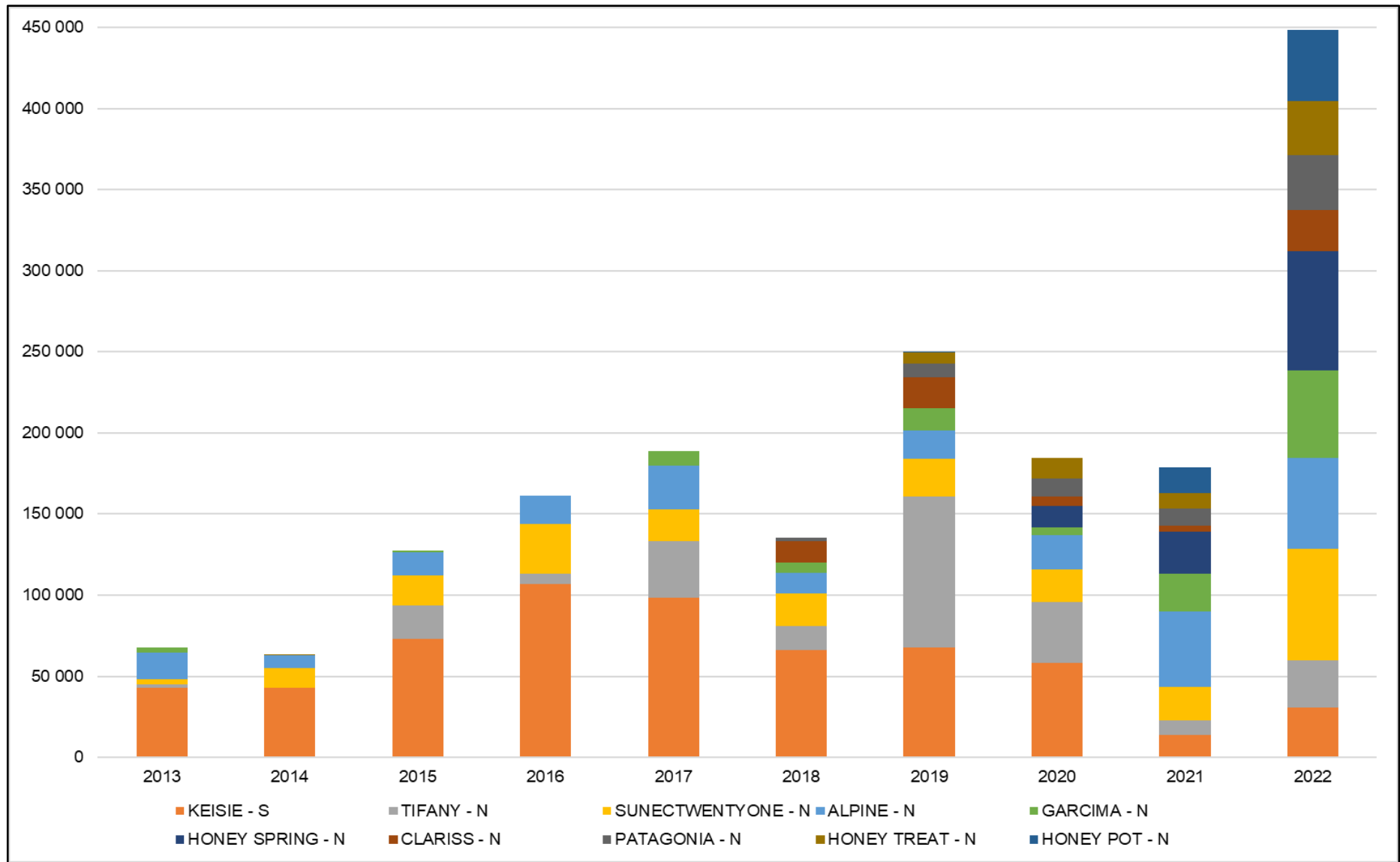
Graph 3 Top 7 pear varieties available in 2022



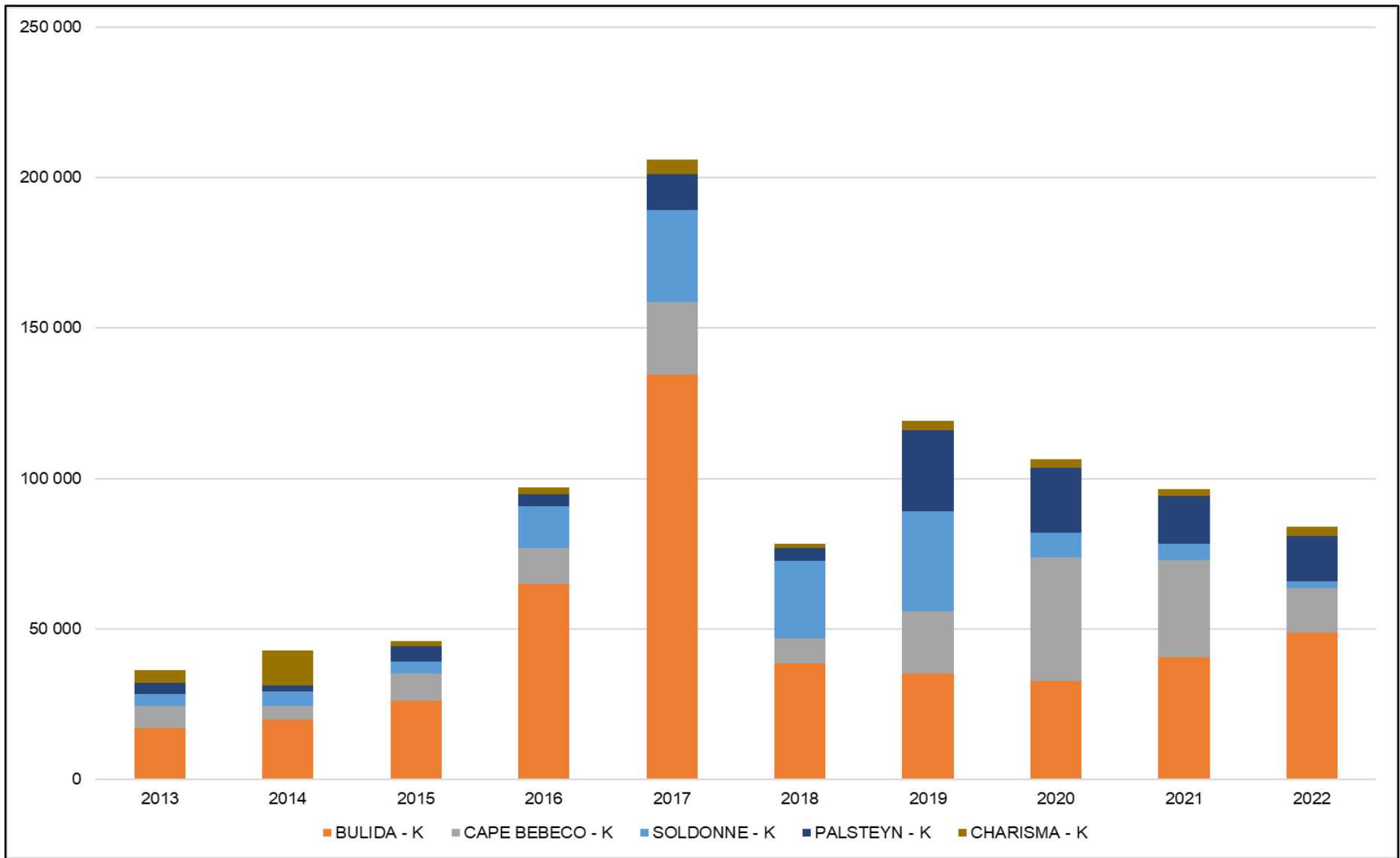
Graph 4 Stone fruit available in 2022



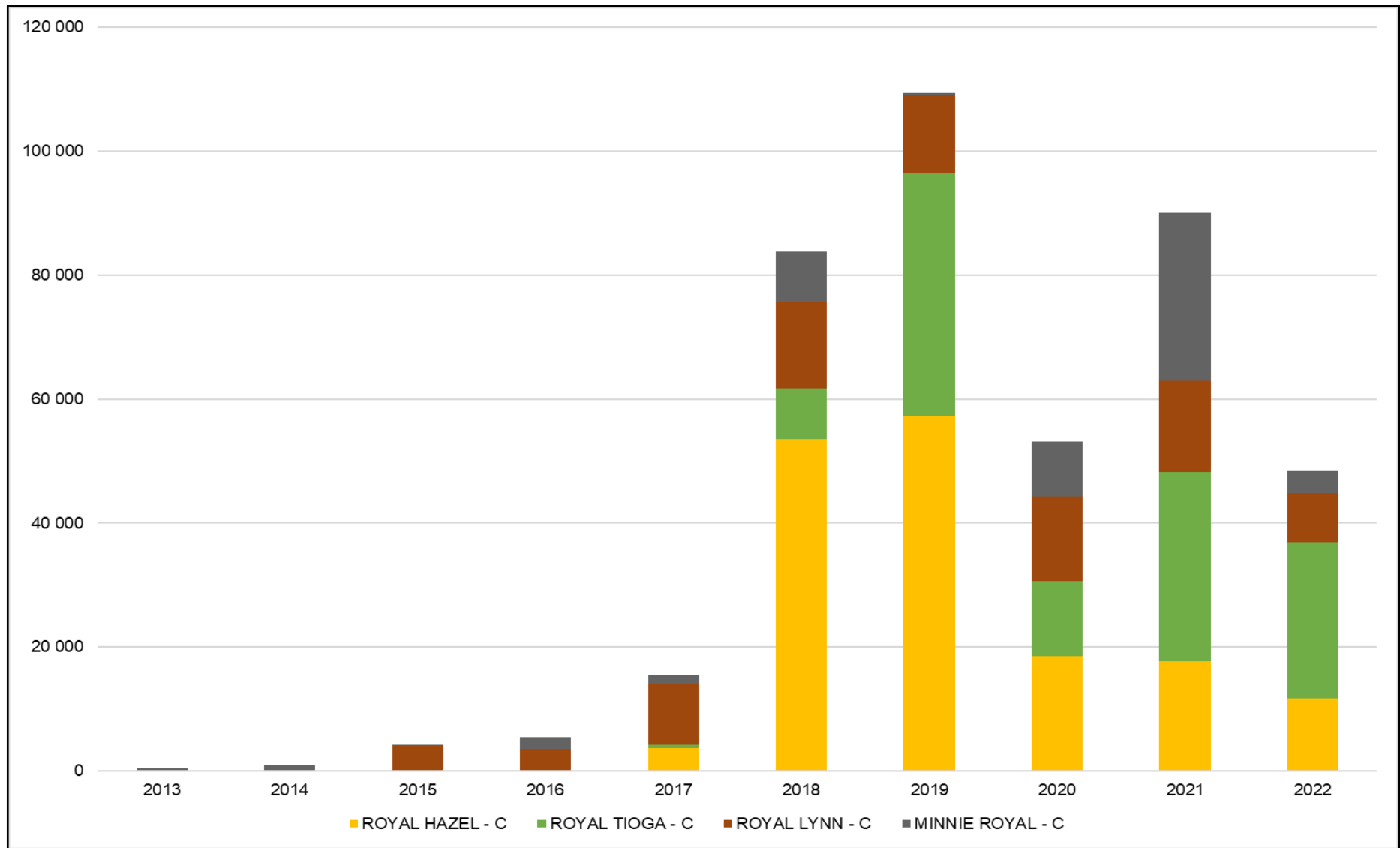
Graph 5 Top 10 plum, prune, and interspecific varieties available in 2022



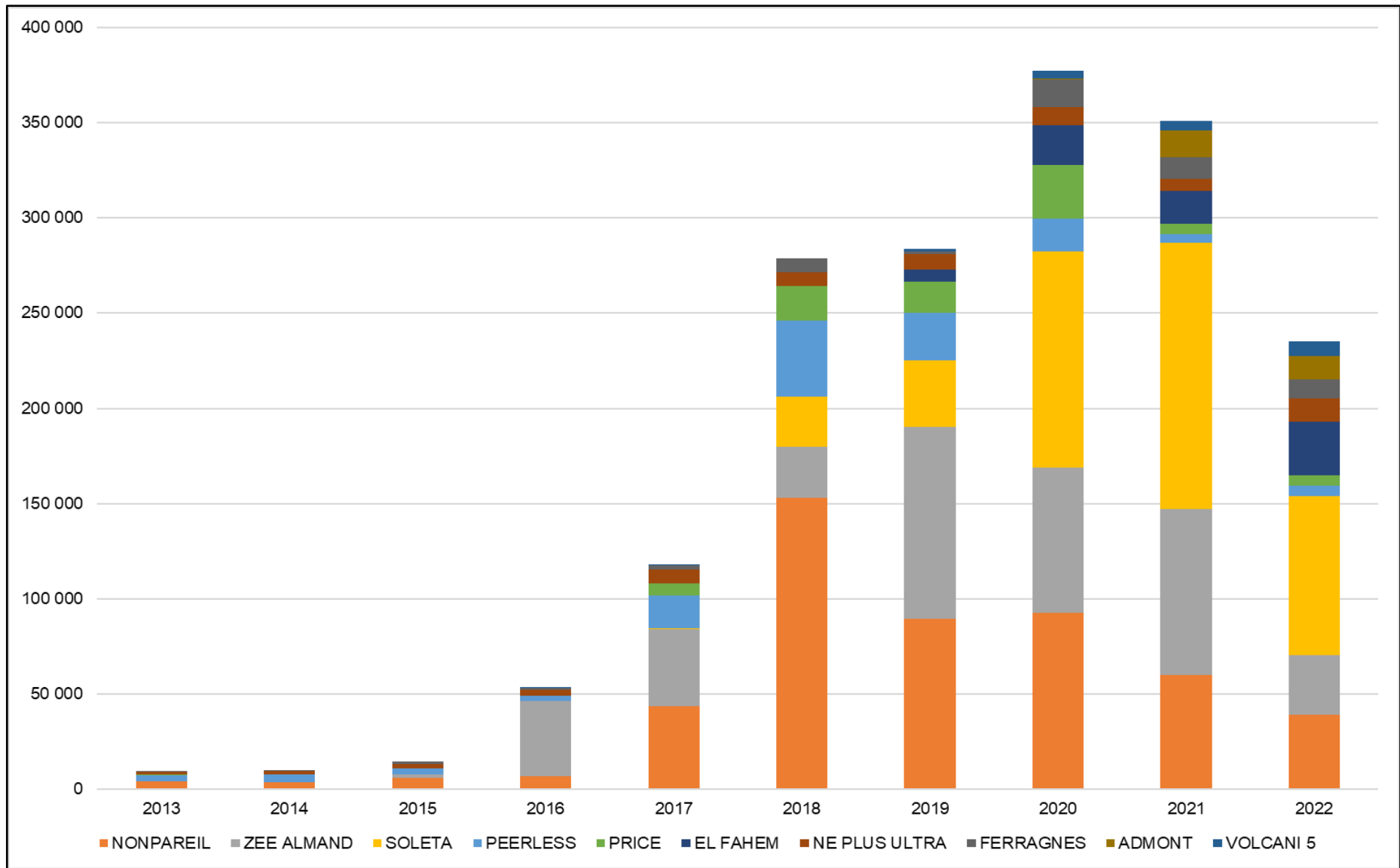
Graph 6 Top 10 peach and nectarine varieties available in 2022



Graph 7 Top 5 apricot varieties available in 2022



Graph 8 Top 4 cherry varieties available in 2022



Graph 9 Top 10 almond varieties available in 2022

8. SUMMARY OF THE ACTIVITIES OF 2022

- The main focus of 2022 was the appointment of a work group by the industry organisations with the aim of conducting an investigative study into international deciduous fruit certification schemes as well as other local schemes, in order to compile a benchmark for best practices. Part of the study was to point out the gaps in the current application of the Deciduous Fruit Plant Certification Scheme.
- The most important aspect that has been pointed out is that the Scheme itself is very close to the international norm, however, there are major gaps in the application thereof.
- Focus must be placed on the importance of the so-called classic route to ensure that plant material of the best phytosanitary quality is always used for propagation. Part of this is to make sure that clean nucleus plants are established from where clean foundation units must be propagated which must meet strict conditions to ensure that the plants have no risk of being contaminated with pathogens. Hence, mother block units should be established in areas isolated from commercial units and where the focus is on the production of budwood and not on fruit. These units must have a limited lifespan to further reduce the risk of contamination.
- Evaluation of clones remains an extremely important link in the process to ensure that the trees that are eventually established are not only true to variety, but also true to type for the selection in question. In this way, it will be ensured that the producer gets a tree which not only meets the phytosanitary requirements of the scheme, but which will also produce the expected returns.
- From the findings of the investigation, an implementation plan for best practices was drawn up, which, at the request of the deciduous fruit industry, was handed over to the DPA Board for possible implementation.

9. ACKNOWLEDGEMENTS

The DPA would like to thank every PIO and Nursery who was registered with the Deciduous Fruit Plant Certification Scheme in 2022. Thank you also to all the individuals who served on the Board, Technical Committee as well as other working groups.

Wiehahn Victor
DPA Chairman

Rachel Kriel
DPA Secretary