



NATIONAL SCHOOL NUTRITION PROGRAMME

2007/8 Financial Year Report for
Sustainable Food Production in Schools



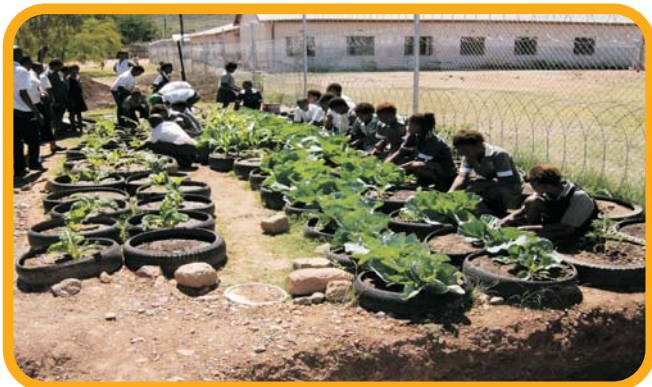
education

Department:
Education
REPUBLIC OF SOUTH AFRICA

Acronyms

APO	Area Project Office (North West)
DoA	Department of Agriculture
DoE	Department of Education (National)
ARC	Agricultural Research Council
EC	Eastern Cape Province
EPWP	Extended Public Works Programme
FAO	Food and Agriculture Organization
FGF	Food Gardens Foundation
FS	Free State Province
GP	Gauteng Province
GPoA	Government Programme of Action
IFSNP	Integrated Food Security and Nutrition Programme
IFSS	Integrated Food Security Strategy
LP	Limpopo Province
KZN	Kwazulu Natal Province
MGD	Millennium Development Goal
MP	Mpumalanga Province
MRC	Medical Research Council
NC	Northern Cape Province
NW	North West Province
NSNP	National School Nutrition Programme
OFSP	Orange Fleshed Sweet Potato
PED	Provincial Education Department
PS	Primary School
SFPS	Sustainable Food Production in Schools
SS	Secondary School
WC	Western Cape Province

Introduction



The right of access to sufficient food is enshrined in the Constitution of the Republic of South African 1996, 27(1) (b). The State must by legislation and other measures, within its available resources, ensure that all citizens have access or are enabled to meet their basic needs for food. The Cabinet Lekgotla in July 2002 endorsed the Integrated Food Security Strategy (IFSS) and the subsequent Integrated Food Security and Nutrition Programme (IFSNP) as priority of the Social Sector Cluster action plan. The overarching goal of IFSS is aligned to the Millennium Development Goal (MGD), which is, to reduce the number of food-insecure households by half by 2015.

The fundamental pillars of IFSNP, include (a) to increase household food production and trading in order to ensure that food is available to all, now and in the future; (b) to match income of people to food prices to ensure access to sufficient food for every citizen; (c) to improve nutrition and food safety education in order to empower citizens to make optimal choices for nutritious and safe food (d) to ensure that there is adequate safety-nets and food emergency management systems in order to provide people that are unable to meet their food needs from their own efforts and mitigate the extreme

impact of natural or other disasters on people (e) to improve analysis and information management systems (f) to provide capacity building and (g) to hold stakeholder dialogue. According to the 2002 Food and Agriculture Organization (FAO) report on the State of Food Insecurity in the World, the three most critical deficiencies for South Africa are Vitamin A, iodine and iron. Vitamin A deficiency is reported to impair the immune system, while iodine deficiency reduces mental capacity and iron deficiency leads to fatigue and dizziness. These deficiencies have direct impact on the children's capacity to access education.

The Cabinet Decision (23 January 2003) and Government Programme of Action (GPoA) mandated the Department of Education (DoE) to implement and manage National School Nutrition Programme (NSNP) and to lead in mobilising civil society as well social sector departments to set up school vegetable gardens as food security initiatives. NSNP strategic objectives are therefore aligned to all the pillars of IFSNP as well as FAO's report by ensuring that hunger does not become a barrier for children to access education.

The key objective of Sustainable Food Production in Schools (SFPS) sub-programme of the NSNP is to promote and support establishment as well as sustenance of food production initiatives in school. These initiatives could be in the form of vegetable and herbs gardens, fruit orchards, poultry, small stock and fish rearing as well as food processing.

The Department of Education appointed staff qualified in project management, horticulture and small stock rearing to manage the programme at national and provincial levels. Each of the following provinces has two and three officials, Eastern Cape, Kwazulu Natal, Limpopo and Northern Cape respectively. One post in Limpopo became vacant at the end of 2007/8 financial year.

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3. CAPACITY BUILDING WORKSHOPS IN FOOD PRODUCTION

(a) ○ Background

All the workshops were held at the schools to ensure that after discussing theory, demonstrations and practical work are done in a school garden. If the school does not have a garden it is an opportunity to establish one.

- NSNP officials, especially those responsible for SFPS were responsible for organising and facilitating the workshops. The educators, parents, officials from other government departments and NGOs who are knowledgeable in horticulture and other food production played a significant role in sharing training materials and knowledge at the workshops.

- The schools also organised their own workshops and educators facilitated them.
- It is envisaged that the skills which educators, learners and parents would have acquire from the workshops will: (a) enable them to establish and sustain food production initiatives, especially vegetable gardens in their schools; (b) enable them to establish and sustain similar initiatives at their homes (c) provide them with survival skills at the times of food shortages; (d) rekindle the lost practice of communal household food security and revive indigenous knowledge and values; (e) change attitudes and perceptions towards gardening as an important self-help food security activity rather than menial work and encourage children to study agriculture.
- Neighbouring schools are clusters together so that they can assist and support one another after the workshops. In Limpopo some schools have adopted others and assist them to acquire tools, reading material and after care.

(b) **Workshops Content**

In 2007/8 the workshops focused on :

Eastern Cape: Planning, and facilitation of workshops, food garden establishment food safety, pest and diseases management,

Free State : Soil preparation, planting and planting times, compost making, fertiliser application, irrigation and water harvesting, pests and diseases control, intercropping and crop rotation, greening in curriculum, school environmental management plan – garden development and trees for food project.

Gauteng : Methods of planting in tyres for areas which have poor soil quality



Kwazulu Natal : climatic requirements for the crop, soils, site selection, plant nutrition, fertilizers, soil Sampling, organic matter, making a compost, seed bed preparation, sowing the seed, transplanting, weed, pest and disease management, crop rotation, intergration of food production into curriculum (educators design lesson plans for different learning areas using food production materials)

Limpopo : plant nutrient requirements, composting, mulching, site location and size, planting seeds and seedlings, pest control, planting calendar, household food security and LandCare Programmes, greenery funding criteria for organised community projects

Mpumalanga : soil analysis, manure and fertilizer application, seedbed preparation, planting, diseases and pests control, harvesting and post harvest and garden profile/records

Northern Cape : Overview of the programme of Sustainable Food Production in Schools within the context of NSNP and household food security, general garden management. i.e. (Planting methods, times, soil types, water conservation, irrigation methods Handling of seeds/seedlings, fertilisation processes., Plant protection: pest management, fertilisation: mulching, compost heap, compost tea, Irrigation scheduling, water saving mechanisms, crop harvesting , slides show of good and bad gardens, practical work, marketing the provincial school food gardens competition (distribution of entry forms).

North West : Planning a Vegetable Garden - site selection, location, size and layout of the garden, Layout - open plan, raised and permanent beds and making ridges, soil sampling and testing; Choice of Crops including types of vegetables, soil types, consumer preferences and the nutritional value; Planting and sowing vegetables, important factors which influence germination, sowing and planting methods, planting calendar, sowing and planting methods soil and seed bed preparation and sowing calendar; Soil and Nutrients, types of fertilizers, application techniques, periods of fertilizer application, methods of controlling pests and diseases; Vegetables Pests and Diseases, types of pests and diseases, control methods-(biological and artificial); Basic Record Keeping for Vegetable Garden, garden diary/garden portfolio, Resource Files; Harvesting; Demonstration and practical work: (site selection, soil types on site, garden layout, seedbed preparation, planting of vegetables, watering, developing a ridge, trench, mulching, types of fertilizers, application of fertilization, companion planting, compost).

Western Cape : Establishment and importance of food gardens, management of vegetable gardens, soil and water conservation, soil fertility, herbs and their uses.

(c) **Statistics for 2007/8 Workshops**
In 2007/8 the workshops focused on :

Province	Total number of schools that have gardens as at 31/03/08	CAPACITY BUILDING WORKSHOPS						# of schools Monitored
		# of Workshop conducted	# of Schools which attended work-shops	# of the Participants in the workshops				
				Officials	Educators	Learners	Parents	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Eastern Cape	1211	40	30	26	30	150	46	90
Free State	513	20	515	65	515	35	5	470
Gauteng	854	5	1 266	2	30	16	6	26
Kwazulu Natal	1607	17	248	29	266	1	12	55
Limpopo	752	47	788	139	230	135	218	159
Mpumalanga	751	19	375	93	290	604	133	73
Northern Cape	253	35	583	93	289	370	206	172
North West	304	35	328	124	499	747	399	86
Western Cape	258	19	67	14	109	150	62	147
Total	6 503	237	4 200	585	2 258	2 208	1 087	1 278

(d) **Workshops organised in collaboration with other roleplayers**

Matshivandela Agricultural College – Limpopo

The college held a 5 days course on vegetable production for 53 NSNP monitors from Mopani and Vhembe Districts. The college incurred all the costs for training. This training provides the monitors with adequate information to monitor progress, identify areas which need more attention and intervene immediately when the schools experience challenges.

Department of Agriculture (DoA)

- DoA is the most important partner which assist with facilitation of the workshops and provision of reading material as well as agricultural inputs in all the provinces.
- DoA also organises special workshops for the schools.
In the Eastern Cape there is a strong presence of DoA in almost all the schools that have established food gardens and they offer technical advice especially on pests and diseases control and management.
- In the Free State DoA adopted 50 schools (10 in each District) and provided them with garden fencing material, garden tools, seeds as well as six months stipend of R300 for 247 school gardeners and protective clothes for these gardeners. DoA invested R698 939 and R444 600 for agricultural inputs and stipend respectively. DoA in collaboration with **Department of Labour** trained all the gardeners who are participating with the project.
- In Limpopo DoA conducted two workshops on poultry and goat rearing at Toronto and Pulamadiboho Primary schools. Toronto received 20 chickens while at Pulamadiboho DoA was putting up infrastructure and training the parents. The general observations is that some of the schools are ready and interested in introducing small stock with the help of parents.

Agricultural Research Council (ARC) and Medical Research Council (MRC)

ARC and MRC promote household production and daily consumption of Vitamin A rich vegetable such as Orange Fleshed Sweet Potatoes (OFSP), carrots and butternuts, swiss chard as well as fruit as a way of supplementing the cereal-based diet. They used schools as entry points to the communities. Some of the activities included training of school-communities in food production and nutrition education, establishment of demonstration gardens, community-based nurseries, household backyard gardens and monitoring. NSNP is collaborating in the following initiatives

- **Gauteng:** Demonstration gardens were established in Malekgere, Foxtrot and Wagensdrift schools
- **Kwazulu Natal :** Since 2005 Ndunakazi School has been used to start OFSP project which gave birth to several schools and community gardens.
- **North West :** 200 schools from Hebron, Kuruman, Lichtenburg, Orkney and Vryburg received crop-based training in orange fleshed-sweetpotato. ARC provided each school with 20 cuttings/seedlings. ARC has also assisted in setting up sweetpotato gardens for demonstration and harvesting as well as a nursery at Mokasa Primary School in Greater Taung.

EduPlant – Woolworths Trust Workshops

EduPlant is promoting organic food production. Districts and Provincial official assisted to organise and facilitate some of workshops. The aim was to ensure that they are aligned to the broader plan of the Department of Education and to assess quality. Number of workshops held were 6 in the Free State, 8 in Limpopo, 6 in Northern Cape, 7 in North West and 6 in Western Cape. Workshops content focused mainly on permaculture ethics, principles and application of these principles in a garden, Eduplant garden competitions for schools and distribution of resources as well as competition forms.

Food Garden Foundation (FGF)

FGF is an NGO that advocates organic crop production. In the Eastern Cape FGF trained parents, educators, and school children in Fort Beaufort District (Ely Primary, Ceasar Mlumbi, Mbizana, Sivuyisile and Tyume Primary) and King William's Town District (Forbs Grant High School and Bhonke Primary)

School Environment Education and Development (SEED) – NGO

SEED is a Cape Town based NGO which also focuses on establishment of organic food gardens. The organisation works with each school for three years. In 2007/8 SEED conducted school-based workshops once in two weeks in each school of the following schools Caravelle, Imperial, Huguenot, Rocklands, Westend, (all in Mitchell's Plain), Vuyani, Lehlohonolo and Sithembele Matiso (all in Gugulethu).

SIGNAL'

SIGNAL' is a German based NGO. They conducted workshops on Nutrition requirements for HIV Positive children for 20 parents and 50 learners in King Williams Town (EC). The NGO also provided some schools with water tanks.

(e) Achievements

- The workshops have assisted to create more awareness about the programme among the school communities. Trained school-community members are cascading the information
- Educators who were trained in gardening at the teacher training colleges have an opportunity to use their knowledge and skills.
- Limpopo, Northern Cape and North West have succeeded in attracting a significant number of parents to attend the training workshop, while Mpumalanga, Northern Cape and North West had a significant number of learners attending. The parents are regarded as the pillars because some of them have extensive knowledge and skills. The responsibility of assisting with maintenance of the garden, especially during the school holidays is delegated to the parents in some of the schools. In the NC an increasing number of households have started back-yard gardens.
- The Department of Education is gradually working out the system of coordinating training initiatives done by other stakeholders.

(f) Challenges and Corrective Measures

- The officials who are responsible for SFPS programme have not received any inservice training since they started with the programme three years back. In-service training will assist them to keep abreast with the developments in agriculture sector. The officials also need training in administration as well as advanced computer skills.
- In all the provinces except for Gauteng, parts of Kwazulu Natal and Western Cape the workshops are held during the day from 8h30 to 15h30. This implies that educators are taken out of classroom during teaching time. On the other hand where workshops are held in the afternoon they take two hours and the time is not adequate to cover both theory and practicals. To make up for the required time workshops are held over two days. Attendance in these workshops is very poor, especially in areas where educators travel by public transport. *NSNP should consider conducting the workshops during school vacation*
- No time is allocated for gardening in schools and this tends to be relegated to after school activity which is done by volunteers. *Gardening should be allocated time on the school timetable. Some schools have included gardening in environment classes.*
- Immediate follow-up to support the schools which participated in the workshops is not possible because many officials lack technical skills to assist when monitoring.
- Minimal attention was given to management of garden records, monitoring and reporting.
- Some of the organisations like EduPlant hold one workshop per year for a cluster of schools and one day workshop is not sufficient to ensure that participants fully understand how to apply the principles, especially for people who are used to conventional methods of vegetable production. It has also been noted that training is on the same topics every year. Only schools which have entered for competitions are visited to adjudicate for competition purpose. To ensure significant impact of the workshops in the schools in terms of change in practice to apply permaculture methods it is *recommended that all the stakeholders who promote organic farming should be allocated schools (preferably schools within close proximity of each other) so that they can give them the required attention and develop a national model for organic farming in schools.*

(a) Statistics

Provinces	Districts 2007/8	Number of schools				
		feeding schools in 2007/8	Food Gardens			
			2004/5	2005/6	2006/7	2007/8
Eastern Cape	23	4 854	696	696	1800	1211
Free State	5	1 313	120	617	617	513
Gauteng	15	1 070	228	823	845	854
Kwazulu Natal	12	3 765	1 280	1 186	1 202	1607
Limpopo	5	2 501	342	731	711	752
Mpumalanga	4	1 460	197	533	478	751
Northern Cape	5	433	66	148	188	253
North West	4	1 091	26	371	375	304
Western Cape	7	989	129	213	219	258
National	80	17 476	3 058	5 318	6 390	6 503

(b) Significant Progress and Achievements

- The number of school which have vegetable gardens has increased and environment in schools have improved
- Introduction of food production initiatives in schools changed perceptions and attitudes of the school communities towards agriculture in general.
- The Eastern Cape Department of Education in partnership with other departments held school gardens launches in Uitenhage, Qumbu, East London, Fort Beaufort and King Williams Town Districts. In Mpumalanga these awareness campaigns were a collaborative effort amongst the Departments of Education, Agriculture and Health and Social Development. They were lead by MEC for Education and Senior Managers of the respective departments.
- There is an improvement in terms of community participation and schools that have established food gardens have become centres of information for the communities. The school reported that they use vegetables grown in their gardens to prepare vegetable soup on non-feeding days. In the Eastern Cape there are schools which were not participating in NSNP but have started their own feeding programme with the vegetable from their gardens. They are Steve Nkomo, RH Godlo, Mthonjeni PS, Vusimuzi, Thanduxolo SS, Bontrug PS and Dundrory and the are all the Uitenhage Education District.
- The schools took initiative to mobilise resources for their garden project from partners such as NGOs, business sector and other government departments.
- Some schools in Greater DeLareyville APO (NW) and Barkley West in NC have helped learners to start vegetable gardens at their homes.
- Some schools have to provided the children from child headed families with the garden harvest for cooking at home (Pulamadiboho-Limpopo).
- While some of the schools still need more equipment, Education Departments have succeeded in soliciting the support of other role players to provide many school with garden tools and the necessary agricultural inputs. This is happening across all the provinces. Gauteng and Free State Provinces have provided all NSNP schools and 98 Farm Schools with garden tools respectively. Mpumalanga provided three schools in Bushbuckridge with nurseries and 181 schools with agricultural starter packs.

- The schools are establishing support teams amongst themselves. In Limpopo Toronto, Pulamadiboho and Malesela primary schools have adopted some schools and assist them to get training and the required agricultural inputs. In Western Cape Ocean View Special School and Kleinberg PS in Fish Hoek (Cape Town) have come together to set up a garden in Ocean View. The learners from both schools participate together in the project.
- The schools are beginning to diversify their initiatives. In EC Andrieskrall Farm School has oranges orchard. In KZN, LP and NC there are schools which have small stock. Rocklands Primary School in Western Cape is producing ointment with the herbs from its garden.
- Department of Water Affairs and Forestry in collaboration PEDs donated and planted fruit trees in schools. They also trained school communities on tree planting. This special initiative was part of the government's support to United Nations Environment Programme-Billion Tree Campaign. South Africa has pledged to plant million trees annually and the schools will be provided with fruit trees.

(b) Challenges and Corrective Measures

The main challenge is that SFPS does not have a sufficient budget. *The recommendation is that at least 1% of NSNP administration budget (7%) should be allocated to SFPS*

Seasonal planting. Most of the schools focus on summer crops only. This is caused by lack of required gardening skills which could be addressed by holding more training session, lack of water during winter seasons and proper plant propagation knowledge. Some of the schools could not sustain their gardens because :

- of theft
- minimal involvement of the volunteering parents, parents need some remuneration. *NC has appointment and trained school gardeners who receive a stipend of R600 per month from the EPWP funds.*
- poor and low harvest resulting from pests and diseases infestation as well as lack of garden management skills
- natural conditions such as poor soil, lack of water and climatic conditions (heavy frost, drought and heavy rains which washed away plants)

The above challenges can be addressed by intensifying training on garden management, by linking the schools with Agricultural Technicians who reside in the same communities



(a) School Visits

Dates	Schools	Districts
Eastern Cape		
1 and 3-08-07	James Ndudula PS, Steven Nkomo PS, Graslaagte PS, and Andrieskraal FS	Uitenhage
6 and 7-08-07	Vuba JP, A.V.Bukani PS, Elim State-Aided School, Mzingisi PS, Selborne PS, Vukani PS	
	New Brighten SDA	Port Elizabeth
3, 4, and 5-09-07	Ndlame PS, Mgwalana PS, Schornville PS, Bhonke PS, Forbs Grant HS, Ginsberg Private Primary, Ndwayana PS, Emthinjeni PS, Bolo Farm S, Cwala Comb PS, Masibambisane CP, Mpeko HP (13)	King William's Town
4 & 5-09-07	Alheit Van der Merwe PS, Cebano JS, Maletswai PS, Mzimkhulu JP, Nchafatso PS, Ntlangano PJS, Pelomosa PS (7)	Sterkspruit
16-10-07	Ely PS, Mbizana PS, Ceasar Mlumbi PS, Tyume PS, Tinise PS, Vulindlela PS Siphumlile PS, Sivuyisile PS (8)	Fort Beaufort
17-10-07	Fort Grey PS, Vanani Farm School, Londolozani PS, Lunga PS, Fikile Gausa PS, Songeze PS, Soto PS (7)	East London
18-10-07	Nxotwe JSS, Albert Ludidi JSS, Tina Falls JSS, Cekwayo JSS, Matyeba JSS, Elitha JSS (6)	Qumbu
Free State		
78 and 470 schools were monitored by the provincial and district officials respectively		
25-07-2007 to 27-07-2007	Boesmanskop FS, Mooifontein FS and JB Tyu IS, Williamsville IS, Springfontein PS, Austin Post FS, AJC Jooste PS	Xhariep
Kwazulu Natal		
55 schools were monitored by provincial officials		
Limpopo		
11/03/08	Toronto, Pulamadibogo	Capricon
12/03/08	Malesela PS	
18/04/2007	Tlakale, Phukubjane, Thobehlale,	Greater Sekhukhune
18/04/2007	Tlakale, Phukubjane, Thobehlale,	
19/04/2007	Makantane, Strydkraal, Tseke, Maesela	
14/08/2007	Bogwasha, Itirele, Malekgobo,	
17/05/07	Jamela, Phakeng , Maufota	Mopani District
29/01/08	Nkomo, Thandabantu ,	
18/03/08	Matshangwane, Thubisane, Motlolatsoku	
19/03/08	Balule, Rankagele, Jonkman,	
22/05/07	Belemu Primary, Mapate	Vhembe District
23/05/07	Dambalwashe, Tshidumbi, Manzeri, Nghatsani	
21/08/07	Nweli, Tshamavudzi	
23/10/2007	Mokwele, Mosima, Radibaki	Waterberg
Mpumalanga		
73 schools were monitored by provincial officials		
Northern Cape		
23 -27 Jul,	38 schools	Frances Baard
3-7 Aug, 29 Oct - 2	53 schools	Kgalagadi
Nov 2007 and 25-29	29 schools	Namaqua
Feb 2008	26 schools	Pixley ka Seme
	26 schools	Siyanda
30 & 31 July 2007	Asmadia PS, Postdene PS, HTT Biti PS, Barkley West PS	Siyanda

North West			
Dates	Schools	Area Project Office	Region
18/04/2007	Mokasa Primary	Greater Taung	Bophirima
5 – 6/09/2007	Maiketso Primary	Kagisano Molopo	
	Maranatha PS , Thuto-Neo PS	Greater Taung	
31/05/2007	Khumusejo PS, Mesega PS, Khunotshwane PS, Rabotsile PS, Zakhele PS Mashwela PS	Zeerust	Central
04/09/2007	Lekoko PS, Mococe PS, Mogosane Int.	Mafikeng	
26-30/11/2007	Manamolela PS, Mamoratwa PS, Marotse PS Mesega PS, Dikhudu PS Renonofile PS, Doornbult Farm School, Tumisang PS	Greater DeLareyville	
31/01/2008	Kopela PS, Dithakwana PS, Ramadingwana PS, Logaga PS, Thakadu PS, George Madoda PS		
07/09/2007	Ikalafeng Special, Zamakhulu PS	Potchefstroom Klerksdorp	Southern
12/03/08-	Geluksoord PS, Boitumelong PS, Kwalakitso PS,Tshenolo PS	Maquassie Hills	
13/03/08	Thamagae PS, Monthusi PS, Matlhajaneng PS, Bloemhof PS		
Western Cape			
Dates	Schools	Districts	
2007/04/11	St. Paul Primary (1)	EMDC East	
2007/04/18	Panorama PS, Eden PS, Karitas Special School, St. Andrews PS (4)	West Coast/ Winelands	
2007/ 04/19	Saxonsea PS, Protea Park PS, Rygersdal PS (3)	EMDC North	
2007/04/26	Fezeka High, New Eisleben, Ntsebenziswano (3)	EMDC South	
2007/05/26	Peak View Secondary, Easter Peak PS (2)	EMDC Central	
2007/08/15	Swartberg PS, Kleinmond PS, Qhayiya Secondary , Houston PS (4)	Breede River Overberg	
2007/08/01	Avontuur PS, Ganzekraal PS, Dirk Boshoff PS (3)	Eden / Karoo	
2007/ 08/02	Isalathiso PS, Blaze PS, Tyholorha PS (3)		
2007/08/23	Eden Special School (1)		
2007/10/10	Merweville PS, Layton PS (2)		
2007/10/11	Klawersvlei PS, St.Mathewes PS, Maddison PS (3)		
2008/03/05	Grootkraal PS, Saturnus PS, De Villiers PS (3)		
2008/03/06	Zoar R.P. PS, Botha PS, Zoar E.C. PS, Hoeke PS, W.J. le Roux PS (5)		

(b) Observed Achievements

- Monitoring was conducted by either visiting or calling the schools. School visits were conducted by national, provincial and district officials. School visits assist the officials to get first hand information from the schools and experience the real progress made and challenges faced by the schools. They also have an opportunity to identify the gaps between training and actual practice, to identify specific pests and diseases which plague the plants and to provide specific technical support to individual schools.
- It is evident that most of the schools are very creative and have integrated food production in the school life.
- Where the schools have a permanent gardener/grounds person there is evidence that gardens are sustainable right through the year. The gardeners also act as monitors who ensure that the available space is used maximally, the equipment is taken care of and the harvest benefits everybody, especially the children. Northern Cape has tapped into Expanded Public Works Programme (EPWP) to ensure that each school has a grounds person and that they are trained accordingly.

(c) General Challenges and Interventions

- Due to the vastness of the Provinces, especially Eastern Cape, Northern Cape and Western Cape it is very difficult for provincial and national officials to reach most of the school within the financial year. *Strong partnership with Extension Officers is important*
- Bad roads made it almost impossible to reach far flung rural schools which need even more support. The situation is worse during rainy seasons, which in most provinces is the ideal time for planting and the schools would need more assistance.
- Most of the schools practice seasonal planting and the main reason is that they do not have sufficient information about winter crops. This practice is the main reason why some of the schools gardens are not sustainable. When the garden has been dormant for more that three months it is difficult to restart.
- Most of the monitors do not have technical expertise in horticulture or any food production methods and they cannot assist the school which experience problems which are technical in nature.
- Monitoring food production initiative requires that more time be spent in each school so that there can be an opportunity to provide advice and guidance and demonstration on the possible solutions to the challenges that schools face also to experience what is happening on the ground.



(a) Strategic Partners

Partnerships are key to quality service delivery and community upliftment. In 2007/08 financial year DoE and PEDs together with below mentioned partners actively involved in ensuring that school-communities receive the required information, skill and resources.

National		
Department/Institution /Organisation	Contacts	How NSNP was supported
Food and Agriculture Organisation (FAO)	Mr Lot Mlati Assistant FAO Representative T: +27 12 354 8528 F: +27 12 354 8531 E : lmlati@un.org.za	This is one relationship which did not yield the expected results. O In June 2006 DoE submitted Technical Cooperation Programme proposal to FAO. FAO subsequently (October 2006) approved US\$396 000 to finance this project which was intended to assist NSNP to develop SFPS and NE implementation guidelines, develop/adapt LTSM, strategise for teacher development in food production and nutrition education. O DoE, FAO and DoA developed project agreement for approval by DoA , FAO and the Presidency. As late as February 2008 DoA informed DoE that the agreement is still not signed.
	Ms Ellen Muehlhoff Senior Officer Nutrition and Consumer Protection Division FAO, Rome T :0039-06-5705 4113 E:ellen.muehlhoff@fao.org	
Mveledvandivho	Mr Gcina Hlophe Mveledvandivho Manager JET Education Services T: 011 403 6401 F: 011 339 7844 C: 084 447 7664 E: ghlophe@jet.org.za	BHP Billiton Development Trust funded a multipronged project which is managed by JET. The project is operational in 29 schools (KZN, LP, MP, NC and NW) around BHP Billiton (SA) mining plants and operations. Schools received training on gardening skills, gardening tools and agricultural inputs.
ADCORP Holdings		Provided schools in GP (Banareng, Ikusasa SS in Thembisa, Songoba PS at Katlehong, Tsedimosho PS in Soweto, Ekukhanyeni PS in Benoni, TsumbezoPS,Sowet, Kwaphalo Soweto) , NW (Thembile PS in Krugersdorp) and WC (Xolani PS in Gugulethu) with infrastructure(vegetable tunnels and irrigation systems), equipment, seeds, fertilisers and skills to manage garden projects. Their model is intended to bring semiskilled unemployed parents (preferably women) closer to schools by providing them with vegetable production skills and project management skills.

Eastern Cape		
Department/Institution /Organisation	Contacts	How NSNP was supported
Department of Agriculture		Provided technical advice, garden tools and fencing for the schools
Department of Health	Ms Mhlomo B 0833780411	Facilitated workshops on Food Safety and provided garden tools for Health Promoting Schools
Food Garden Foundation	Ms Pheto H 0741101180 011-8806264	Conducted workshops and provided seeds for schools
Signal'	Ms Kadallie Ms Siziwe 0836982674	Workshops on good nutrition and provided some schools in EC with water tanks
Department of Water Affairs and Forestry	Mr Quvile N 043 6045521 0828055984	Provided water pumps, boreholes and fruit trees
Nelson Mandela Metro Municipality		Donations for school gardens competitions, seeds and seedlings for school gardens in Uitenhage District in EC
Volkswagen South Africa Trust		
SAB Miller	Mr Ndaba S 011 8818452 0832593812	Provided boreholes to schools
Round About Outdoors		Provided boreholes and play pumps to 120 schools in EC
Food and Trees For Africa		Conducted permaculture workshops and provided schools with reading material
University of Fort Hare (Rhodes Campus)		Training Educators on Environmental education and landscaping
Free State		
Department/Institution /Organisation	Contacts	How NSNP is Supported
Department of Education - HIV/Aids and Life Skills Directorate	051 404 8327	Financing catering of workshops in the schools
Department of Agriculture	051-506 1514	<p>Adopted 50 schools (10 in each District). provided these schools with fencing material , garden tools, seeds and seedlings. Provided training and R300/person/month stipend to 247 school gardeners.</p> <ul style="list-style-type: none"> ○ Conducted food production workshops and provided technical support and advice to schools ○ Provided garden tools (spades, rakes, forks, picks, wheelbarrows and hosepipes) and seeds to 10 schools (Oppermans, Phambili, Leretlhabetse, Koffiefontein, Mufulatshepe, Zama, Edenburg, PT Sanders and Philipolis) in Xhariep District AND 13 schools with seed packages in Motheo district.
Department of Labour	051-505 6208	Appointed 4 Service Providers to train gardeners in the 50 schools adopted by DoA. Training of CBO's and volunteers who assist in schools
Department of Health	051-408 1440	Provision of seed packets to 41 schools

		at Fezile Dabi District
Department of Water Affairs and Forestry	051-405 9000	Provision of fruit trees and technical support to schools
Department of Correctional Service		provided 3000 seedlings (spinach, beetroot and cabbage) to Oppermansdorp schools
Food Garden Foundation	011-880 5956	Provision of garden equipment to 4 schools in Xariep, seeds, fruit trees and technical support
Food and Trees for Africa	011-803 9604	Permaculture workshops
Save the Children UK	Ms Lynette Mudekunye 012-3762552 0823308534	Provision of seeds packets to schools
Gauteng		
Department/Institution /Organisation	Contacts	How NSNP was supported
Adcorp Holdings		Established vegetable tunnels and provided some schools with irrigation systems.
Department of Agriculture		Provided Info-Packs (reading material about establishment and maintenance of vegetable gardens)
Kwazulu Natal		
Department/Institution /Organisation	Contacts	How NSNP is Supported
Agriculture and Environmental Affairs	Mr. G Naidoo	Technical Support on School gardens and lead department on Empowerment Food Security Programme funded by Flemish Government to initiate food security initiatives in schools and extended to homesteads
Water Affairs and Forestry	Mr. N Zwane	Provision of Water Tanks for rain water harvesting
Ethekwini Municipality		Sponsored 5 stalls for 10 schools to participate in Agribusiness Market Day. These schools represented the youth in agriculture.
Umgenti Water		Provided certificates for all the schools and a floating trophy for overall winner for schools which participated in the Ethekwini District schools gardening competitions.
STIHL		Donated ten thousand rand to the top ten schools which participated in Ethekwini District schools gardening competitions.
Media in Education Trust (MIET)	Ms L Mjoli	assisted the schools with funds to purchase garden tools and inputs. Establishes food gardens to support orphans and vulnerable kids in schools
ELET	Ms T. Gasa	Establish gardens in schools and worked by unemployed local women
Nissan SA	Mr M Qolo	Fund provision of vegi tunnels in KZN schools
Department of Health	Ms L. Julius	Health Promoting School promotes establishments of food gardens in schools
Special Needs Education Services Directorate (SNES)	Mrs. T Sifunda	Funded printing of LTSM with healthy living lifestyle messages from HIV and AIDS

Limpopo		
Department/Institution /Organization	Contacts	How NSNP is Supported
Madzivhandela College of Agriculture	015 962 7200	Training of NSNP District nonitors in vegetable production
Department of Agriculture	015 294 3000	Provision of agricultural starter packs to schools
Department of Water Affairs and Forestry	082 809 5140	Provision of fruit trees to schools
Mpumalanga		
Department/Institution /Organisation	Contacts	How NSNP is Supported
Department of Agriculture and Land Affairs (DALA)	Dr Kgapola Ms Dlamini	61 schools received agricultural starter pack 3 nurseries established in Bushbuckridge Provide extension service to schools
Agricultural Research Council (ARC)	Ms Jules Mr Khosa	Vegetable garden competition Drilled boreholes for winning schools
EcoLink		Vegetable garden competition Supply garden tools, spray irrigation to winning schools
Department of Health	Ms Sihlabela	Donated seeds to schools Monitor and train school venders Campaign for health lunch box
Lowveld Botanical Garden		Donated ornamental and fruit trees to schools
Northern Cape		
Department/Institution /Organisation	Contacts	How NSNP is Supported
ABSA	Mr J Mokubung 0823010019 (053) 839 7625 (F)	Provided prize money worth R150 000 for provincial winners of the school gardens competitions
Karsten Farms	Mr Joa Bekker (054) 4919 300 (054) 4919 352 (F)	Provided R72 500 for prize money and Gala event for the school gardens competitions at Siyanda District
Griqualand West Coop (GWK)	Mr Johan Bornman 082 906 2372 (053) 298 3968 (F)	Provided R72 500 for prize money and Gala event for the school gardens competitions at Pixley ka Seme District
De Beers Mines: Corporate Social Investment Unit	Ms Elder Mosia (053) 839 4475 (053) 839 4283	Provided R72 500 for prize money and Gala event for the school gardens competitions at Frances Baard District
De Beers Finsch Mine CSI Unit	Mr G Lekgetho 0824426039 (053) 385 2770 (F)	Provided R72 500 for prize money and Gala event for the school gardens competitions Kgalagadi District
Department of Social Services	Mr. T. Kwenane 0824429319	Provided R72 500 for prize money and Gala event for the school gardens competitions at Namaqua District
Department of Agriculture : Food Security Unit	Ms N Mashishi 0726285367 (053) 839 7817	Provided a total contribution of R100 000 for winners certificates, trophies and consolation prizes of shade cloth for schools Provided monitoring and technical advise to schools
BHP Billiton CSI Unit	Ms Emelda Jood 053 7422 000 086 606 4869 (F)	Provided a total contribution of R15 000.00 for consolation prizes worth R3000 to 5 schools within the Kgalagadi District.

BHP Billiton CSI Unit	Ms Emelda Jood 053 7422 000 086 606 4869 (F)	Provided a total contribution of R15 000.00 for consolation prizes worth R3000 to 5 schools within the Kgalagadi District.
DWAF	Mr Andile Flatela 082 883 8304 053 831 5682 (F)	Provided schools with boreholes
ADRA (Adventist Development Relief Agency) NGO	Mr Abdol 053 832 1149 (tel/fax)	Provided 25 sweat pipes irrigation systems to schools and framed certificates for schools which participated in the school gardens competitions.
North West		
Department/Institution /Organisation	Contacts	How NSNP is Supported
Department of Agriculture & Conservation	Ms T Moripe Deputy Director : Food Security and Designated Groups T: 018-3895314 /5304 F: 018-3895336	Garden management technical training, extension service, monitoring and provided agricultural inputs to some schools
	Mr L Ramonedi Agric Technician T:018-3895096 F: 018-3895336 mramonedi@nwpg.gov.za	Garden management technical training, extension service, monitoring and provided agricultural inputs to some schools
	Mr JA Hartman T:018-396005 F: 018-3895336	Garden management technical training, extension service, monitoring and research and development support
Department of Water Affairs & Forestry	Mr J Khomanyane T: 018-3813480 F: 018-3817404	Supported school greening projects by providing boreholes
Department of Health	Mr M Matlhako: Assistant Director-Health Promoting Schools T: 018-3972682 0828836656 mmatlhako@nwpg.gov.za	Monitoring, advice on menu options and training on nutrition
Department of Social Development	Ms P Kgabosele: Program Manager – Sustainable Livelihoods T: 018-3870169 F: 018-3842839	Assist with facilitation of workshops
Agricultural Research Council-Sustainable Rural Livelihoods Unit	Mr T Serapelwane: SRL Coordinator-NW T: 018-3895353/0837112224 F: 018-3895621 tebogo@arc.co.za	Facilitate OFSP workshops, garden management technical training, extension service, monitoring and provided agricultural inputs to some schools, monitoring. Assisted to establish OFSP nursery at Mokasa Primary School
University of North West Faculty of Health Sciences	Ms Annamarie Kguger T: 018- 2994037/ 0827715778 Annamarie.Kruger@nwpg.ac.za	Training farm schools on gardening and nutrition through FLUG project
Food and Trees for Africa – Woolworths Trust EduPlant	Ms Joane Roldt Programme Coordinator T: 011-8039750 F: 011-8039604 Joanne@trees.org.za	Facilitate permaculture workshops, provide reading material, monitor schools entering EduPlant competitions and conduct school gardening competitions.

Lonmin Platinum	Ms Tracey Steyn Environmental Specialist T: 072 063 6852 F: 014-5744114	Facilitate environmental workshops and establish Eco-Schools clubs
SENWES	Ms Isle Mathys : Agronomist T: 018- 4647156/ 072 237 9214 080 941 4011 F: 018-4622029 Islemathys@senwes.co.za	Provided garden tools, technical support and monitoring some schools
SABC2 -Agri TV Ulimo Programme	Mr P Majane Media Worl Bld, Randburg T: 011 791 5330 F: 011 791 5319 E: pmajane@agritv.co.za	Media coverage (TV2) for the workshops and successful projects like Mokasa PS OFSP project.

Western Cape

Department/Institution /Organisation	Contacts	How NSNP is Supported
DoA (Food Security Farmer Support & Development)	Mr M Sebopetsa 021-8085103 mogales@elsenburg.co.m	<ul style="list-style-type: none"> ○ Helped the schools with infrastructure like tunnels and irrigation systems as well as garden tools ○ In the Overberg District supported 16 schools (Berea PS, Uitvlugt PS, Kleinfontein S, Swellendam SS, Lemoenshoek PS, Oosthuisen PS, Barrydale SS, Qhayiya SS. ○ SS, Die Bron PS, Protea PS, Struisbaai PS, Kluitjieskraal PS, Riviersonderend PS, Swartberg PS, Kosie de Wet PS and L.R. Schmidt PS) received seeds, tools, irrigation equipment and Wendy houses to store tools ○ Provided Impendulo PS in Khayelitsha with mini vegetables tunnels and required infrastructure
Elgin College	Mr Boshoff 021-8489413 eboshoff@elf1.co.za	Provide the schools with information for various agricultural activities especially fruit production.
DWAF	Mr Bikitsha 021-9507212	Actively involved in the school garden competition. They are now in the process of providing water to selected farm schools.
Department of Social Services and Poverty Alleviation	Mr Mnyembane 021-4833505 amnyembane@pgwc.gov.za	works with Soil for Life (NGO) in establishing community gardens and some of these are in schools.

University of Cape Town Department of Human Biology		Trainer children and teacher at Red River PS on container gardening and nutrition at
Novalis Institute	Ms Meyers 021-7971857 dillion@novalis.org.za	teach environmental education and assisted schools to establish food gardens.
ARK		Erected tunnels for planting vegetable in nine schools in Khayelitsha (Nomsa Maphongwana, Uxolo High, Sivuyiseni PS, Mthawelanga, Kwamfundo, Luleka, Isiphiwo, Sangweni and Kuyasa)
Soil for Life	Ms Featherstone 021-7944982 feathers@worldonline.co.za	<ul style="list-style-type: none"> ○ provides inputs, established and supported schools and community gardens. ○ Helped to revive a garden that was dying at Jurie Hayes PS in Vredenburg
Soil Buddies		<ul style="list-style-type: none"> ○ Donated R10 000.00 to Beverly Park PS in Eerste River to establish a food garden
SEED	Wendy 021-3915316 admin@seed.org.za	teach environmental education and establish food gardens in schools
Adcorp Holding		<ul style="list-style-type: none"> ○ Donated Vegetable tunnels to Xolani Primary School in Gugulethu (Cape Town)
N2 South Cape Rural Development Forum (N2SCRDF)		<ul style="list-style-type: none"> ○ Provided 5 schools in Mosselbay, George and Oudshoorn with seeds and garden tools



SCHOOL GARDEN COMPETITIONS

- Conducting school garden competitions is another strategy to encourage schools to create stimulating and exciting school gardens, to mobilise resources for school gardens to provide the schools an opportunity to share best practices and to reward the schools who work hard to sustaining their gardens
- The general criteria for selecting the winning schools include : The school must have a food garden, quality of produce, creativity on landscaping or garden design, conservation of natural resources (water, soil, air), curriculum integration with vegetable production, above all parent's/community involvement and how the produce assist in reducing food insecurity.

Eastern Cape

- October 2007 the Uitenhage District held annual School Gardens Competitions at Uitenhage. This event has been running for three years. This year the competitions were held during poverty alleviation week. R 25 000, 00 worth of prizes were won by deserving schools and outstanding individuals. The prizes are strictly used to support NSNP.
- One day was used for Agrifare and schools brought their harvest for sale.

Kwazulu Natal

- Schools from Pinetown and Umlazi Districts participated in school gardens competition organised by Department of Education (NSNP), Department of Agriculture and Environmental Affairs (Ethekwini District), Department of Health, Ethekwini Municipality, Umgeni Water and other supporting organizations such as ELET (Environmental and Language Education Trust), DSW (Durban Solid Waste), Umngeni Water, MIET (Media in Education Trust), Vuka organization, Durban Botanic Gardens, Ethembeni Crisis Centre, SANCO (South African National Civic Organization) KZN and Ntuzuma Environmental Cooperation, which work with schools on food. The objective of the competition was to encourage schools to establish food gardens and assist with career path in agriculture. This event was called Siyazilimela Food Garden Competition.

Northern Cape

- In Northern Cape school gardens competition started in 2005 with one District and financial assistance from ABSA. The province has developed a concept document which guides all the roleplayers.
- 172 school entered for the competition. 38 from Frances Baard District, 26 from Pixley ka Seme District, 29 from Namaqua District, 26 from Siyanda District and 53 from Kgalagadi District. Competitions are adjudicated at district and provincial levels.
- **The sponsors** De Beers donated R72 500 to Frances Baard District, Griqualand West Co-operative (GWK) donated R72 500 to Pixley ka Seme District R72 500 , Karsten farms donated R72 500 , Department of Social Development donated R50 000 to Namaqua District, BHP Billiton and Finsch Mine donated R15 000 and R75 000 to Kgalagadi District respectively. Adventist Development Relief Agency (ADRA) donated 25 eco cycle sweat pipe irrigation systems. DoA donated shade cloths donated for 25 schools as well as trophies and certificates for participating schools. ABSA donated R150 000.00 as prize money for 3 best schools.

Districts winners

- > Frances Baard : Barkly West PS, Kim Kgolo PS and Delportshoop IS,
- > Kgalagadi District : Seupe PS, Mampestad PS and Mecwetsaneng
- > Namaqua : Tweeriviere PS, Rooiwal PS and Andries Rheder PS
- > Siyanda : Oranje Suid PS, Vaalkoppies PS and Colesburg PS
- > Pixley ka Seme : Willie Theron PS, Umso HS and Colesburg PS

Provincial winners :

- > Barkly West PS
- > Uitsig PS
- > Colesburg PS

North West

The school gardens competitions were sponsored by Sun City Hotel Green Friends. The following schools Bojating PS, Bakgofa PS, Makwaleng PS, Ratheo PS, and Mpuputhe PS received R3000-00 each for the improvement of their food gardens

Western Cape

School garden competition was held in the Overberg. NSNP worked jointly with DoA, Elgin College and DWAF. Monteith and DeBron Primary Schools were tied up in the first position, Oosthuisen Primary came second and Glebe Primary came third. The first prize was R1000.00, second prize R750.00 and third prize R500.00. The money should be used to improve the school gardens.

Woolworths Trust Eduplant Competitions

This is an annual event sponsored by Woolworths Trust Food and Trees for Africa, Department of Agriculture – LandCare Programme, Department of Water Affairs and Forestry and other Business partners. The main aim is to promote organic farming in schools. The final adjudication event is preceded by provincial workshops on permaculture and schools visits. The winning schools receive prize money, environmental education and gardening resources as well as two week training for one educator. The event was held on 27 September 2007 at Bosco Centre, Walkerville in Gauteng. The Minister of Education gave a key note address.

(b) 2007/8 WORLD FOOD DAY (WFD)

This is an annual event which is lead by the Department of Agriculture and Food and Agriculture Organisation . World Food Day's theme for 2007/8 was " The Right to Food". The Department of Education participated in national and provincial events through NSNP because it is contributing towards household food security by providing at least one meal to primary schools children and skills on food production as well as nutrition education. The national event was held in Mpumalanga. Department of Education (National, Mpumalanga and Limpopo) set up an exhibition to create awareness about the programme. NSNP supplier contributed foodstuffs which were used to built the food mountain and later distributed to needy households including schools.



- In the Eastern Cape World Food Day was commemorated at Mthatha and King Williams Town. NSNP participated by distributing information about the programme
- In the Free State WFD was held on 16 October 2007 at Oppermans Intermediate School. The activities included :Observation of school feeding at 09h00 by Premier and MECs for Health, Agriculture, Social Development, the Speaker and Councillors from Xhariep District, Planting of 10 fruit trees at the school by the DWAF, distribution of 3 000 seedlings to schools by the Department of Correctional Services. The Department of Agriculture distributed the garden tools and seeds to 9 schools and establishing a vegetable garden at Oppermans Intermediate School.
- In Limpopo WFD was held at Sekororo show grounds in Mopani District. NSNP participated by providing information about NSNP, display of food stuffs and contributed towards DoA Minister's speech.
- In Northern Cape the event was held at Noupoot on the 16th of October 2008. The event was organised by the Northern Cape IFSNP Committee. The following departments contributed as follows, DOA R300 000.00 for logistical arrangement of the event, DOE R100 000 for food hampers to be used to built a food mountain at the event and Social Services R100 000 for food hampers to be used to built the food mountain. The event was graced by MEC's for Education, Safety & Liaison, Transport and Environmental Affairs.
- In North West WFD celebrations were held on 12 October 2007 at Rustenburg. NSNP supported the event by establishing a new garden at J D Masia Primary and Tlhabane Hospice, exhibition of NSNP activities and dissemination of information.
- In the Western Cape the event was held at Murraysburg. Murraysburg PS participated by displaying their garden produce. DoA provided the school with tools and seeds.

(c) **NATIONAL “PLANT A MILLION TREES PROJECT”**

This national event was lead by DWAF. The schools benefited from the programme by receiving fruit trees and training on tree planting. When monitoring the schools it was noted that the schools still need training in tree pruning and harvesting fruit.

(d) **FREE STATE – DEPARTMENTS OF EDUCATION AND AGRICULTURE PROJECT FOR 50 SCHOOLS**

- This is a flagship project for MECs for Education and Agriculture. The main objectives of the project is to ensure the sustainability of school nutrition programme by establishing food gardens and to instil the culture of food production in educators, learners and the parents.
- Each school identified unemployed women from the local community who would be trained to manage the gardens. DoA provided each school with garden tools (5 spades, 5 spade forks, 5 rakes, hosepipe, sprinklers, a wheelbarrow, watering cans), fencing materials, water tanks, agricultural inputs (seeds, fertilizers and pesticides) and protective clothing. 247 gardeners were trained by Department of Labour and DoA paid stipend of R300 for the first six months.

Thabo Mofutsanyana District

No	School	Town	Municipality
1	Petsana	Reitz	Nketoana
2	Fateng sa Thuto	Lindley	Nketoana
3	Kgutliso	Clocolan	Setsoto
4	Tutuboloha	Senekal	Setsoto
5	Meqheleng	Ficksburg	Setsoto
6	Matswathaka	Bethlehem	Dihlabeng
7	Justice Lefume	Qwaqwa	Maluti a Phofung
8	Qwabi	Qwaqwa	Maluti a Phofung
9	Letlotlo	Qwaqwa	Maluti a Phofung
10	Warden Primary	Warden	Phumelela

Xhariep District

No	School	Town	Municipality
1	Luckhof	Luckhof	Letsemeng
2	AJC Jooste	Petrusburg	Letsemeng
3	Inoseng	Petrusburg	Letsemeng
4	BJ Tyu	Rouxvile	Mohokare
5	Samuel Johnson	Zastron	Mohokare
6	Madikgetla	Trompsburg	Kopanong
7	Springfontein	Springfontein	Kopanong
8	Phillipolis	Phillipolis	Kopanong
9	Lephoi	Bethulie	Kopanong
10	Itemeleng	Reddersburg	Kopanong

Fezile Dabi District

No	School	Town	Municipality
1	Ntsoanatsatsi Primary	Viljoenskroon	Moqhaka
2	Phuleng Primary	Kroonstad	Moqhaka
3	JMB Marokane Primary	Steynrust	Moqhaka
4	SS Paki Primary	Vredefort	Ngwathe
5	Ipatleleng Primary	Koppies	Ngwathe
6	Aha Setjhaba Primary	Parys	Ngwathe
7	Mokwallo Primary	Vredefort	Ngwathe
8	Lehutso Primary	Sasolburg	Metsimaholo
9	Tjhaba Tsohle Primary	Deneysville	Metsimaholo
10	Ntswanatsatsi Primary	Cornelia	Mafube

Lejweleputswa District

No	School	Town	Municipality
1	Kgotso Primary	Theunissen	Masilonyana
2	Makeleketla Primary	Winburg	Masilonyana
3	Bronville Primary	Welkom	Matjhabeng
4	Lehakwe Primary	Welkom	Matjhabeng
5	Kweetsa Primary	Henneman	Matjhabeng
6	Tshireletso Primary	Allanridge	Matjhabeng
7	Boshof Intermediate	Boshof	Tokologo
8	Matima Lenyora Primary	Bultfontein	Tswelopele
9	Letsibolo	Wesselsbron	Nala
10	Boikutlo Primary	Bothaville	Nala

Motheo District

No	School	Town	Municipality
1	Serope	Thaba Nchu	Mangaung
2	Mokitlane	Thaba Nchu	Mangaung
3	Ntateleng	Botshabelo	Mangaung
4	Raohang	Botshabelo	Mangaung
5	Newvale	Ladybrand	Mantsopa
6	Assisi Farm School	Marseilles	Mantsopa
7	Leeuw River Mills	Hobhouse	Mantsopa
8	Thabo Mabona	Wepener	Naledi
9	Motsekuwa	Vanstadensrus	Naledi
10	Lea Manor	Dewetsdorp	Naledi



Progress in these schools

School	Progress
Ntsoanatsatsi PS	The garden is managed by the school and parents assist to tend it. The school has installed a bore hole and microproject irrigation system. The garden produce vegetable right through the year and the vegetables supplement school feeding.
Phuleng PS	The garden is managed by the school. The Department of Correctional Service assist if there is major work to be done, such as clearing the land, planting and harvesting. There are no major challenges. The vegetables supplement school feeding.
JMB Marokane PS	The school has problems with water supply and the school was trying to install an irrigation system. The parents who were trained by DoA left as soon as payment of stipends were discontinued.
Ipatleleng PS	The school has divided the garden into 2 section. Soul Buddies section is mainly used for teaching and learning purpose. The other section is managed by 7 volunteering parents. They are however expecting the school to pay them at one stage. The Department of Agriculture continues supporting the school. The produce are used to supplement school feeding. There are no main challenges experienced by the school.
Aha Setjhaba PS	The school reported that they have discontinued the garden because of lack of water due to high municipality bills and lack of funds to install a borehole
Mokwallo PS	The school retained 2 gardeners. The garden does not produce much because of lack of water due to high water bills. The produce was used to supplement school feeding.
Lehutso PS	The garden is managed by the SGB. The school has employed five gardeners who receive a stipend of R300 per month. The harvest was used to supplement school feeding, given to gardeners and some guardians of needy children to cook at home. The major challenge is space to extend the garden and stony soil structure.
Tjhaba Tsohle PS	The garden is managed by SGB. The school employed three gardeners who receive a stipend of R300 per month. The harvest is used to supplement school feeding, given to gardeners. Major challenges are tools and pests
ACJ Jooste CS	The school only started breaking the soil by July 2007. This there was no clarity on how the project will be managed.
BJ Tyu PS	The school garden produce vegetables right through the year and is managed by the school and the parents. The produce are used to supplement school feeding and the parents and needy children receive something to cook at home.
Springfontein PS	During monitoring in July 2007 the school garden was dormant and only one parent was left. Others lost interest when the stipend was discontinued. It was also reported that the first harvest was very poor.



Recommendations

The Departments of Education and Agriculture officials who are responsible for supporting the school should meet before the second quarter of 2008/9 financial year, evaluate progress and work out a strategy of improving the whole project. This initiative should be led by the Department of Education and reports must be submitted quarterly to departments which invested resources in the project.

(e) KWAZULU NATAL – MOTHERS' DAY CELEBRATIONS

The event was organized as an advocacy strategy for NSNP at Mafukuzela PS in Umlazi District. The event was also intended to encourage the parents, especially the women, to support the initiatives which aims at ensuring that hunger does not become a barrier for learners to access education. The KZN first lady Ms Ndebele and other female MECs (Education, Arts, Tourism and Culture) NSNP Manager and Members of Provincial Legislature lead the activity of planting vegetables and fruit trees with learners and parents. NSNP officials conducted on site training and demonstrated how planting is done.

(f) KWAZULU NATAL – LAUNCH OF VEGITUNNEL PROJECT

A R1 million Vegitunnel Project which will be funded by Nissan SA in partnership with Robin Good Initiative and Worm Wizzard was launched. The project will be implemented once the MOU between PED and RGI, the implementing agent is signed

(g) LIMPOPO – YOUTH FARMERS OF THE YEAR

The event was held on 24 July 2007 in Limpopo. The aim of the event was to expose youth to different fields of agriculture and to share best practice among schools. Youth from Settlers Agricultural High School, Toronto PS. and Nkomo PS were selected as the best.

(h) **NORTH WEST – MOKASA PS ORANGE FLESHED SWEET POTATO PROJECT**

- Mokasa Primary School is in Greater Taung APO in Bophirima District. The project was initiated by the school principal with the help of four (4) educators, eighty (80) learners and twenty (20) parents. The objectives of this project is (a) to impart knowledge, skills and practical experience on vegetable production and specifically sweet potato production to educators, learners and parents (b) to produce vegetables (sweet potatoes) which will be consumed by school community (c) to establish nursery which will provide local households, schools and other agriculture related projects with sweet potato cuttings.
- The school community received training on sweet potato production (planting, management, propagation and harvesting). The first training workshop was organized and conducted by Agricultural Research Council. ARC also provided virus-free cuttings (seedlings) for the following sweet potatoes; Beauregard, Khano, Ndou, Excel, Serolana, Resisto, Blesbok, Monate, W-119, 2001-5-2, 1998-21-1 and 1999-1-7.
- The first harvest was conducted on 21 July 2007. The event received media coverage through local newspapers and TV 2 Ulimo Agricultural programme. Neighbouring community members and 20 other schools participated in the event. This was also a form of community awareness about the Department of Education's school gardens initiative. The harvest event included digging out sweet potato tubers, sorting according to quality, cooking and tasting. The harvest was used to supplement NSNP menu, packs given to participating learners, educators and parents.
- The project gave birth to a **demonstration garden** which would be used for training and harvesting as well as a **nursery** which will provide neighbouring schools and community with seedling.





- For the past three years workshops content has been the same, focusing on starting new gardens. Seeing that most schools have established gardens the content must also indicate that shift. During monitoring it was noted that most school have problems with Pests and plant diseases, poor soil nutrition which result into low yield, some of the school have a high yield and they do not know how to preserve vegetable and fruit for future consumption and integration of garden activities into the curriculum is also a challenge.
- There are many roleplayers/partners who are investing the resources in the form of training, infrastructure and agricultural inputs to promote food production in the schools however there is no evidence of educational and social impact of the programme to school-communities. There is a need to determine progress indicators.
- Some of the schools are not only engaged in vegetables gardens only but have included animal production and food processing. Animal rearing is an area which is more technical/specialised than vegetable production it also has implications on local municipality by-laws. There is a need therefore to ensure that during training schools receive appropriate information.
- The officials who assist the school in the provinces are thinly stretched. They are trying to cover all the districts and accommodate many schools in terms of training and monitoring in a province. The recommendation is that from 2008/9 each province should cluster schools, using the official clustering into circuits/wards/APOs and District/Regions and select one school which will be fully resourced and used as a center for training. For a start centers will be established in districts with bigger districts having more than one centers. This will also enable the school clusters to support one another and the officials to plan their training according to the specific need of a cluster.



Poultry Project at Thuthuka Special School in Obonjeni



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