



April 2020

Name of publication / Naam van publikasie	Bedrag Amount VAT Included
AGRICULTURAL INFRASTRUCTURE / AGRO-PROCESSING	
➤ Handleiding oor varkbehuising.....	R135-00
➤ Manual on housing for pigs.....	R135-00
➤ Ekstensiewe varkbehuising.....	R135-00
➤ Extensive pig housing.....	R135-00
➤ Pig housing: Plans for 20sow or 30sow or 50sow units (R500 each) pdf format only	R515-00
➤ Afkoel van melkbeeste in Suid-Afrika.....	R 55-00
➤ Mishanteringshandleiding vir intensiewe diereproduksie-eenhede in SA.....	R135-00
➤ Handleiding oor vleisbeesfasiliteite.....	R135-00
➤ Beef cattle facilities manual	R135-00
➤ Handleiding oor melkbeesfasiliteite	R210-00
➤ Dairy cattle facilities manual	R210-00
➤ Handleiding oor skaapfasiliteite	R135-00
➤ Manual on sheep facilities	R135-00
➤ Guidelines for infrastructure relevant in the production of different agricultural commodities.....	R210-00
➤ Kleinskaalse braaikuikenbehuising.....	R 85-00
➤ Small-scale broiler house.....	R 85-00
➤ Verhitting van braaikuikens en braaikuikenhuise.....	R 55-00
➤ Heating of broilers and broiler housing.....	R 55-00
➤ Small-scale poultry housing in South Africa.....	R 85-00
➤ Chicken housing: Plans for 1000 broilers, 2000 broilers and 3000 broilers (R500 each) pdf format only.....	R515-00
➤ Chicken housing: Plans for 1000 layers, 2000 layers and 3200 layers (R500 each) pdf format only	R515-00
➤ Strukture en toerusting vir die opberging en hantering van graan op die plaas	R 85-00
➤ Structures and equipment for the storage and handling of grain on the farm	R 85-00
➤ Lae-koste melkverkoeling.....	R 55-00
➤ Small-scale milking shed.....	R 55-00
➤ Kleinskaalse melkstal	R 55-00
➤ Norme vir moderne wildhanteringsfasiliteite	R 65-00
➤ Norms for modern game handling facilities	R 65-00
➤ Lae-koste skadunetstruktuur.....	R 65-00
➤ Low-cost shade net structure.....	R 65-00
➤ Ontwikkeling van 'n outomatiese afroolskadunet vir glashuiskompartemente.....	R 65-00
➤ Development of an automatic rolldown shade-net for glasshouse compartments	R 65-00
➤ Kompostering en komposteringstelsels.....	R 65-00
➤ Composting and composting systems.....	R 65-00
➤ Houtskoolproduksie in verkolingsonde.....	R 65-00
➤ Charcoal production in kilns.....	R 65-00
➤ Oil processing in South Africa.....	R 75-00
➤ Oil seed processing using the ram press	R 75-00
➤ The extraction of essential oils from herbaceous materials by steam distillation	R 65-00
➤ Agro-processing of Citrus Fruit (Grapefruit, lemons, oranges)	R110-00
➤ Agro-processing of Dairy (Butter, cream, buttermilk, cheese, yogurt, milk and milk powder).....	R210-00
➤ Agro-processing of Meat Products (Russians, tongue, hamburger patties, polony, frankfurters, bacon, ham, sausages).....	R135-00

2/...



**ARC-AGRICULTURAL ENGINEERING (ARC-AE)
LNR-LANDBOU-INGENIEURSWESE (LNR-LI)**

Private Bag/Privaatsak X519, Silverton, 0127 Tel. (012) 842 4000 Fax/Faks (012) 842 4176

Tel. Int. +27 12 842 4000 Fax Int. +27 12 842 4176, E-mail: Stoltze@arc.agric.za, Webb: www.arc.agric.za

➤ Agro-processing of Berries, Volume 1 (Blackberries; Blackcurrent; Blueberries; Cape Gooseberries; cherries).....	R185-00
➤ Agro-processing of Berries, Volume 2 (Gooseberries; Raspberries; Redcurrants; Strawberries)	R185-00
➤ Agro-processing of Cereal Crops Vol. 1 (Maize, oats, rice).....	R135-00
➤ Agro-processing of Cereal Crops Vol. 2 (Sorghum, wheat)	R155-00
➤ Agro-processing of Cereal Crops Vol. 3 (Barley, sesame, poppy seed, rye)	R135-00
➤ Agro-processing of Brassicas (Broccoli, sprouts, cabbage, cauliflower)	R135-00
➤ Agro-processing of Deciduous fruit (Apples, apricots, grapes, pears, plums, peaches, figs).....	R185-00
➤ Agro-processing of Olives and Legumes (green peas, green beans, cowpeas, lentils, olives, peanuts, mushrooms).....	R135-00
➤ Agro-processing of Field crops (Chili, bell peppers, tomatoes)	R 75-00
➤ Agro-processing of Subtropical Fruit (Avocado, bananas, figs, guava, kiwifruit, litchi, papaya, passion fruit, pineapple).....	R185-00
➤ Agro-processing of Oil Seeds (Soy beans, sunflower)	R110-00
➤ Agro-processing of Root Crops (Asparagus, beets, carrots, garlic, onions, potatoes, sweet potato, ginger, parsnip, kohlrabi, turnips)	R210-00
➤ Agro-processing of Textile Crops (Cotton, flax, hemp, sisal)	R 85-00
➤ Agro-processing of Marine Foods (Fish products)	R 85-00
➤ Agro-processing of Industrial Crops (chicory, coffee, sugar cane, tea)	R 85-00
➤ Agro-processing of Herbs and Spices (Cinnamon, paprika, jojoba, parsley)	R 65-00
➤ Agro-processing of Legumes (Cowpeas, beans, green beans, lentils, green peas, peanuts)	R 75-00
➤ Agro-processing of Poultry (Chicken & Turkey)	R 75-00
➤ Agro-processing of Cucurbits (Butternut, cucumber, pumpkin, sweet melón, baby marrow, watermelon)	R110-00
➤ General food processing methods	R 65-00
➤ Agro-processing of Snack Foods from Animal Byproducts	R 65-00
➤ Agro-processing of Nuts	R 65-00
➤ Agro-processing of fermented beverages – Beer	R 85-00
➤ Agro-processing of fermented beverages – Wine	R 85-00
➤ Agro-processing of Snack foods and Confectionary	R 65-00
➤ Agro-processing of distilled beverages – Whiskey & Brandy	R 85-00
➤ Agro-processing of regional and traditional fermented beverages.....	R 85-00
➤ Agro-processing of Honey products	R 85-00
➤ Manual on small-scale food processing (achar, jam, etc.)	R 75-00
➤ Processing of condiments and seasonings (sauces & pickled products)	R 185-00
➤ Solar Wax Extractor manual.....	R 55-00
➤ Bou van permanente sloot- en bunkersilo's	R 85-00
➤ Building of permanent trench and bunker silage silos	R 85-00
➤ Handleiding vir die konstruksie van graansilo's vir plaasopberging	R 85-00
➤ Manual for the construction of grain silos for farm storage	R 85-00
➤ Plaasheinings	R 85-00
➤ Farm Fences	R 85-00
➤ Beton op die plaas	R 35-00
➤ Concrete on the farm	R 35-00

RENEWABLE ENERGY

➤ Biogas ontwerp en bedryfshandleiding.....	R175-00
➤ Biogas design and operation manual.....	R175-00
➤ Biogas vanaf beesmis.....	R 55-00
➤ Biogas from cattle manure.....	R 55-00
➤ Biogas purification.....	R 55-00
➤ Biogas suiwering.....	R 55-00
➤ Biogas toerusting.....	R 55-00
➤ Biogas equipment.....	R 55-00
➤ Guide to hydro power	R 45-00

➤ Wind Energy	R 45-00
➤ Die konstruksie van 'n huishoudelike konveksie-sondroër (planne/sketse).....	R 85-00
➤ The construction of a domestic convection solar drier (plans/sketches)	R 85-00
➤ Lae-koste houtgasopwekker	R 85-00
➤ Low-cost woodgas producer	R 85-00
➤ Solar water heating system (plans/sketches)	R 85-00
➤ Sonwaterverwarmingstelsel (planne/sketse)	R 85-00

MECHANISATION/RESOURCE CONSERVATION

➤ Riglyne vir rondebalkuilvoer.....	R 85-00
➤ Guidelines for round bale silage	R 85-00
➤ Jukke vir dieretrekrag	R 45-00
➤ Yokes for animal traction	R 45-00
➤ Animal traction implements	R 45-00
➤ Beheermaatreëls vir die voorkoming van wind-erosie in SA	R 75-00
➤ Control measures for the prevention of soil erosion in SA	R 75-00
➤ Versperrings en klein strukture om gronderosie te bekamp	R 75-00
➤ Barricades and small structures for the prevention of soil erosion	R 75-00
➤ Faktore wat die terreinkeuse van 'n akwakultuuronderneming beïnvloed	R 55-00
➤ Factors that influence the choice of a site for an aquaculture enterprise	R 55-00
➤ Gronddamme	R 85-00
➤ Earth Dams	R 85-00
➤ Handleiding vir die bou van ronde opgaardamme	R 75-00
➤ Manual for the building of circular reservoirs	R 75-00
➤ Bestryding van grond-erosie met sliksheinings	R 75-00
➤ Combating erosion with silt fences	R 75-00
➤ Mechanisation basics: Tractor Maintenance (Training manual).....	R 85-00
➤ Mechanisation basics: Sprayers and spraying techniques (Training manual).....	R 85-00
➤ Mechanisation basics: Row crop planters (Training manual)	R 85-00
➤ Mechanisation basics: Calculations and measurement (Training manual)	R 85-00
➤ Werktempos van landbouwerktuie & trekkerwerkverrigting	R 75-00
➤ Field capacities of agricultural machines & tractor performance	R 75-00
➤ Bulk density of various products used as ingredients in animal feeds	R 55-00
➤ Introduction to row crop planters	R 65-00
➤ Tractor performance optimisation	R 65-00
➤ Comparative review of technical specifications for no-till jab-planters	R 65-00
➤ Kleinskaalse hooiverwerking in Suid-Afrika	R 85-00
➤ Small-scale hay farming in South Africa	R 85-00
➤ Die keuse van die tipe en grootte waaier wat gebruik word vir die groging van landbouprodukte	R 65-00
➤ The choice and type of fan for use in the drying of agricultural products	R 65-00
➤ Kunsmatige droging van lusern	R 65-00
➤ Artificial drying of lucerne	R 65-00
➤ Production of green lucern with a dehydrator system	R 65-00
➤ Agricultural safety codes	R110-00
➤ The operation and application of mounted mowers	R110-00
➤ The operation and application of hay rakes and hay tedders	R110-00
➤ The operation and application of medium and big square balers.....	R110-00
➤ The application and operation of round balers	R110-00
➤ The application and operation of rotary tillers.....	R110-00
➤ Guidelines for buying a used tractor	R 55-00
➤ The operation and application of subsoilers and rippers	R110-00
➤ The operation and application of chisel ploughs	R110-00
➤ The operation and application of row-crop cultivators.....	R 85-00
➤ The operation and application of disc-harrows	R110-00
➤ The operation and application of mouldboard ploughs	R110-00
➤ The operation and application of potato equipment	R110-00

➤ Post harvest management and storage of maize on small farms	R110-00
➤ The operation and application of disc ploughs	R 75-00
➤ Basic mechanization planning (basic mechanization planning course manual).....	R 75-00
➤ Drawbar power measurement instrumentation operator's manual	R 75-00

IRRIGATION & DRAINAGE

➤ Besproeiingsontwerphandleiding / Irrigation Design Manual PDF or on CD collected	R400-00
➤ Besproeiingsbedryfshandleiding/Irrigation Users' Manual PDF or on CD collected	R300-00
➤ Practical water conserving techniques applied to small-scale irrigation.....	R 65-00
➤ The efficient use of labour in sprinkler irrigation systems.....	R 35-00
➤ The effects of wind on sprinkler irrigation.....	R 35-00
➤ Aspects to consider when selecting sprinklers for use in irrigation systems.....	R 35-00
➤ Critical elements which influence the efficiency of small-scale farm sprinkler irrigation systems.....	R 35-00
➤ Water harvesting techniques	R 45-00
➤ Reënvalopvangstegnieke	R 45-00
➤ Laedruk vloeibeheerlepe	R 45-00
➤ Treatment of low quality water for drip irrigation systems	R 65-00
➤ Voedingsbesproeiing.....	R 75-00
➤ Fertigation	R 75-00
➤ Investigation into materials for lining of canals	R 65-00
➤ Ondersoek na material vir kanaalbelyning	R 65-00
➤ Besproeiing met dieremiswater	R 75-00
➤ Irrigation with animal manure water	R 75-00
➤ Petrol-aangedrewe besproeiingspomp vir beginnerboere	R 55-00
➤ Petrol-driven irrigation pump for emerging farmers	R 55-00
➤ An evaluation of some irrigation methods for small vegetable gardens in remote rural areas	R 55-00
➤ Handleiding vir die evaluering van besproeiingstelsels	R125-00
➤ Manual on the evaluation of irrigation systems	R125-00
➤ Changing climate, the role of water and what you can do drought-proof your land	R135-00
➤ Grondwatersensors.....	R 55-00
➤ Soil water sensors	R 55-00
➤ A guide to manufacturing the kit treadle pump	R 55-00
➤ Bekostigbare ronde plaasdam ('n Selfbou handleiding)	R 35-00
➤ Affordable round dam for farms (A do-it-yourself manual)	R 35-00
➤ Irrigation made easy (training manual)	R135-00
➤ Alternative small-scale irrigation technologies for domestic utilization and production use	R 65-00
➤ The performance and care of drip irrigation emitters	R 75-00
➤ Die ingenieursaspekte betrokke by ondergrondse drupbesproeiing	R 75-00
➤ The engineering aspects of sub-surface drip irrigation	R 75-00

See order form to order / Sien bestelvorm om te bestel

Contact person / Kontakpersoon: Elmarie Stoltz
Tel. (012) 842 4017 Fax : (012) 842 4176
E-mail: stoltze@arc.agric.za - Webb: www.arc.agric.za



I would like to order the following publications: / Ek wil graag die volgende publikasies bestel:
 Please make a copy of this form if the space is inadequate for your order.

NAME OF PUBLICATION / NAAM VAN PUBLIKASIE	AMOUNT / BEDRAG
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	
POSTAGE & PACKAGING / POSGELD & VEPACKING: All manuals are e-mailed in PDF format to you and therefore no delivery costs are charged. If a hard copy (printed book) is preferred kindly arrange for collection on own costs. Manuals can be purchased at the ARC-Engineering premises as well (cash only). For inquiries see contact person and details on page 4.	E-mail Collected <input type="checkbox"/> <input type="checkbox"/> Please tick
TOTAL AMOUNT / TOTALE BEDRAG (VAT Incl)	R

NO CHEQUES ACCEPTED - BANK PAYMENTS OR CASH ONLY

Attached find my deposit slip as proof of payment / Aangeheg my deposito strokie as bewys van betaling

ARC-AGRICULTURAL ENGINEERING BANK DETAILS / BANK BESONDERHEDE

Payee : ARC-Agricultural Engineering
 Begunstigde : LNR-Landbou-ingenieurswese
 Bank : Standard Bank, Silverton (Pretoria)
 Branch code / takkode : 010545
 Type of account / tipe rekening : Cheque / Tjek
 Account no. / rekening nr. : 011678275

PERSONAL DETAILS / PERSOONLIKE BESONDERHEDE OF PURCHASER

Name and surname / Naam en van: _____

Postal address / Posadres: _____

Code / Kode: _____

Tel.: () E-mail: _____

SIGNATURE / HANDTEKENING

DATE / DATUM

Fisiese adres / Physical address: Cresswell Road 141, Silverton, Pretoria, next to police supply chain division.



**ARC-AGRICULTURAL ENGINEERING (ARC-AE)
 LNR-LANDBOU-INGENIEURSWESE (LNR-LI)**

Private Bag/Privaatsak X519, Silverton, 0127 Tel. (012) 842 4000 Fax/Faks (012) 842 4176
 Tel. Int. +27 12 842 4000 Fax Int. +27 12 804 0863, Inquiries: Elmarie Stoltz
 E-mail: stoltze@arc.agric.za, Webb: www.arc.agric.za