



SOUTH AFRICAN SUGARCANE RESEARCH INSTITUTE
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JUNIOR CERTIFICATE COURSE IN SUGARCANE AGRICULTURE

OCTOBER 2020 COURSE DETAILS AND APPLICATION FORM 05 October – 23 October 2020

This three week course in sugarcane agriculture is held at the Kwa-Shukela building of the South African Sugar Association (SASA) offices in Mount Edgecombe. The course is held once or twice each year, usually in April and October, numbers permitting.

Entry Requirements

The general entry requirement is Std 10 (Grade 12), preferably from an agricultural school with at least two years on-farm experience.

A student who has a Std 8 (Grade 10) and relevant agricultural experience will be considered, depending on the outcome of an assessment and interview process.

The course and assessments are conducted in English and therefore requires that applicants be able to read, write and understand English.

Costs for 2020

| | | | |
|--|------------------|---|-------------------|
| South African sugar industry applicants: | R 8 105.00 + Vat | = | R 9 320.75 |
| South African non-industry applicants: | R 9 320.00 + Vat | = | R10 718.00 |
| Applicants from outside South Africa: | R 10 672.00 | = | R10 672.00 |

This cost includes stationery (pen, pencil, ruler, eraser and calculator), course notes, SASRI Information Sheets, manuals, teas and excursion costs. Applicants should bring their own notebooks or writing pads. **This cost includes TUITION only – no meals are included.**

Application Information

Applications must be made on the official course application form (see page 4).

The closing date for applications is **30 June 2020**. NB: Since we experience very high application numbers, places on the course may be depleted before this closure date.

All applications and accompanying documents must be sent to:

The Course Administrator, South African Sugarcane Research Institute, Private Bag X02, Mount Edgecombe, 4300, South Africa.

E-mail: educane@sugar.org.za

Fax: +27 (0) 31 508 7597

Tel: +27 (0) 31 508 7400.

Successful applicants will be notified of their acceptance in mid-July, early August 2020, and will be sent an acceptance letter and a pro-forma invoice.

- **Weed Control** Classification
Effects of weeds
Weed control
- **Soils and Nutrition** Property of soils
Soil water management
Fertiliser, lime, gypsum and organic products
Organic matter
Plant nutrition and soil chemistry
Soil & leaf sampling
- **Harvesting** Cane quality
Cane estimates
Harvesting management
- **Irrigation** Irrigation principles
Management
Irrigation systems
- **Mechanisation** Mechanisation costs
Mechanical operations
Maintenance
Record keeping
- **Farm Planning** Introduction to farm planning
Use of levels
- **Environmental Management** Environmental change
Natural resources and sugarcane farming
Environmental impacts, control and management
Environmental law
SUSFARMS®
- **Farm Management** Introduction to farm management
Record keeping
Balance sheet and income statement
Worker involvement and management

In addition to the lectures listed above, there are several 'special interest' lectures on topics of relevance to agriculture in general. Attendance at all lectures is compulsory.

Course Assessment

Tests are written after completion of each subject. The duration of tests are approximately one to two hours. Certificates are awarded in three classes namely:

- | | |
|------------|---------------|
| 1. Honours | 80% and above |
| 2. Merit | 65 – 79 % |
| 3. Pass | 45 – 64% |

Students who fail more than three subjects or achieve an aggregate below 45% will fail the course.



JUNIOR CERTIFICATE COURSE IN SUGARCANE AGRICULTURE
APPLICATION FORM

05 October – 23 October 2020

STUDENT'S DETAILS

(please print)

FIRST NAMES
SURNAME MR/MRS/MISS
PHYSICAL ADDRESS.....
POSTAL ADDRESS
I.D. NO TELEPHONE (Code) (No.)
CELL NO FAX (Code) (No.)
E MAIL
NAME OF EMPLOYER (if applicable)
CURRENT POSITION and brief description of your job:

QUALIFICATIONS (Please attach copies of certificates)

Please indicate qualification, year obtained and the institution.

NUMBER OF YEARS FARMING EXPERIENCE.....
DATE:SIGNED:GROWER CODE.....

CONTACT DETAILS OF FUNDER

Please provide the contact details of the company responsible for funding the student's admission to the course. SASRI will treat the information below as the primary contact details for all communication related to the course. If you are privately funded, you may leave this section blank.

CONTACT PERSON.....
COMPANY NAME.....
POSTAL ADDRESS.....
TELEPHONE.....CELL.....
E-MAIL FAX (Code).....(No.).....
VAT NUMBER (South African applicants only):
DATE:SIGNED:GROWER CODE.....

Applications and accompanying documents must be sent to:

The Course Administrator, SASRI, Private Bag X02, Mount Edgecombe, 4300, South Africa.
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