

EXTENSION BRIEFS

DECEMBER 04 & JANUARY 05

HENNIE LE ROUX

CRI - Nelspruit

CHEGUTU TECHNOLOGY TRANSFER GROUP (Zimbabwe) Hennie le Roux, Extension Manager of CRI, with the Chegutu Technology Transfer Group in Zimbabwe.

This was the last of the 27 Technology Transfer Groups visited to determine the research needs of the different citrus producing areas and to give feedback on the 3rd Citrus Research Symposium held at Modimolle earlier in 2004.



CITRUS BLACK SPOT

G.C. SCHUTTE

Citrus black spot and *Alternaria* brown spot

Growers are reminded that mancozeb is not permitted to be sprayed on fruit later than December if destined for the Canadian market. Copper fungicides or strobilurins in tank mixtures with copper are therefore the only options for January. If this spray mixture is considered, then a copper spray less than 60 days prior to this is not permitted as it will cause stippling. Remember that the addition of mancozeb or copper fungicides is essential and was proven to be necessary for effective control of CBS in independent studies. Never allow gaps to occur in and during the susceptible period from October to January, especially where contact fungicides were chosen for control.

Problem periods are usually over Christmas and New Year. Follow-up treatments are necessary where rainfall occurred within 6 hours after applications.

GRONDGEDRAAGDE SIEKTES

M.C. PRETORIUS

Phytophthora-beheer Alhoewel redelike goeie reënval gedurende Desember maand voorkom is Januarie en Februarie maande gewoonlik droër en die dagtemperatuur heelwat hoër. Daarom die waarskuwing dat indien van fosfonate gebruik gemaak gaan word om Phytophthora wortelvrot en bruinvrot te beheer, die middels met sorg en volgens gebruiksaanwysings toegedien moet word. Wat van uiterste belang is is dat die middels nie gespuit behoort te word indien dagtemperatuur hoër as 28°C is nie, of die bome onder enige mate van droogte- of hittestres verkeer nie. Geen bespuitings moet gedoen word indien enige warm bergwinde waai nie; en dat geen voorkomende behandeling vir bruinvrot gespuit behoort te word indien daar nie goeie deurdringende reën geval het nie.

Aalwurmbesheer Geen aalwurmdodertoediening behoort gedoen te word indien daar nie minstens 50 mm reën voorgekom het nie. Die reën en besproeiingswater is nodig om die aalwurmdoders effektief deur die grond profiel te was.

Met die droogtetoestande wat tans heers (tydens skryf van die artikel) is daar in talle gevalle onvoldoende besproeiingswater beskikbaar en is die meeste van die besproeiingsstelsels nie effektief genoeg om die middels deeglik deur die grond profiel te was nie.

CROP LOAD AND FRUIT QUALITY MANAGEMENT

G.H. BARRY

Fruit growth to achieve optimum fruit size: Due to the possibility of hot, dry conditions during mid-summer, irrigation practices must be optimum to ensure that limited water supply does not adversely affect fruit growth. Hand thinning can be done until late December/early January.

Rind colour development: Late nitrogen application and the use of heavy summer oil sprays should be avoided as these treatments are antagonistic to rind colour development. In addition, GA treatment to reduce creasing incidence is also antagonistic to colour development.

Oleo incidence: Late summer vegetative growth of bearing trees should be kept to a minimum as excessive vegetative vigour during this period is associated with high incidence of oleo at harvest.

GEÏNTEGREERDE PLAAGBEHEER

J.H. & M. HOFMEYR

Boordsanitasie Die versameling van afgevalde vrugte, asook vrugte op die boom wat met valskoddingmot (VKM) besmet is help om die plaag te bekamp.

Hoe vroeër in die seisoen met boordsanitasie begin word, hoe beter kan die motbevolking onderdruk word. Dié voordelige invloed van boordsanitasie kan veral gesien word aan die afwesigheid van noemenswaardige oesskade gedurende die seisoen tot relatief kort voor oestyd.

APPLY NOW FOR BURSARIES IN CITRUS INDUSTRY

The Citrus Industry Trust awards bursaries annually to individual students who would otherwise not be able to afford to study towards a diploma or degree.

There are certain criteria to this Bursary Scheme:

- The student should be taking a degree which will benefit the citrus industry
- The student should be financially disadvantaged.
- The student should be from a previously disadvantaged background

The main funding is allocated to Agricultural Colleges and University/Technikon students. A portion of the bursaries are awarded to primary school pupils to assist parents within the citrus industry.

The Citrus Industry Trustees meet in late November/early December to decide on the allocation of the bursaries. Applications for such bursaries can be forwarded, together with a motivation, and in the case of older students, an academic history/CV to Citrus Growers Association P O Box 461, Hillcrest 3650, KwaZulu-Natal.

Teen die tyd dat dié tydskrif verskyn behoort boordsanitasie alreeds in volle swang te wees. Alle afvalvruggies moet opgetel en vernietig word deur hulle minstens 300 mm diep te begrawe of in dromme met water te gooi.

Groter vrugte behoort met 'n trekker-aangedrewe hamermeul fyn gekap te word. Indien so iets nie beskikbaar is nie, moet die vrugte minstens vier weke lank in plastieksakke toegebund te word sodat die VKM-larwes kan vrek. Deursigtige (biodegradeerbare) plastiekkunsmisakke kan nie hiervoor gebruik word nie, aangesien die larwes daardeur kan vreet. Die taaier, ondeursigtige tipe plastieksakke is wel geskik.

Boordsanitasie help nie net om VKM te onderdruk nie. Dit dra ook by tot vrugtevliegonderdrukking en vrugte wat met groen en blou *Penicillium*-, asook bruinvrotswamme, besmet is, word terselfdertyd verwyder.

CITRUS IMPROVEMENT PROGRAMME

M.N. DU TOIT

ACCREDITED NURSERIES 2004

NAME	ADDRESS	TOWN	CODE	TEL	FAX	CELL
APAPANZI	PO Box 147	KIRKWOOD	6120	042 2300790	042 2300923	0825506210
BADDAFORD	PO Box 51	FORT BEAUFORT	5720	046 6452814	046 6452885	0824128269
CASMAR	PO Box 3	MOOINOOI	0325	014 5743152	014 5743798	0828814189
DU ROI	PO Box 66	LETSITELE	0885	015 3451650	015 3451650	0828025559
ESSELEN	PO Box 100	MALELANE	1320	013 7900160	013 7900492	0833250565
BF JOUBERT	PO BOX 193	KIRKWOOD	6120	042 2300309	042 2300280	0832367321
HJ JOUBERT	PO Box 207	MONTAGU	6720	023 6142237	023 6142237	0825785747
LETSITELE	PO Box 114	LETSITELE	0885	015 3451600	015 3451601	0832595590
MISTKRAAL	PO Box 106	KIRKWOOD	6120	042 2301461	042 2301461	0827895150
NGWENYA	PO Box 36	MALELANE	1320	013 7903004	013 7903003	0824431231
NUCELLAR	PO Box 69	SIMONDIUM	7670	021 8601333	021 8601398	0832558980
PAKSAAM	PO Box 16	PATENSIE	6335	042 283020	042 2830884	0828975438
STARGROW	PO Box 189	CITRUSDAL	7340	022 9212232	022 9212747	0825630795
SONDAGSRIVIER	PO Box 304	KIRKWOOD	6120	042 2300349	042 2300510	0832276655
TWEELING	PO Box 190	KIRKWOOD	6120	042 2301408	042 2301408	0825602179
VAALHARTS	PO Box 317	HARTSWATER	8570	053 4740565	053 4741926	0829482552
WATERFALL	PO Box 339	ADELAIDE	5760	046 6840738	046 6841451	0826953433
WESTFALIA	PO Box 14	DUIWELSKLOOF	0835	015 3090011	015 3090045	0836522138
WITKRANS	PO Box 17	BOSHOEK	0301	014 5733036	014 5733036	0829221579