Technical Note: 14. Software Description, Up to April 25th, 2005

Introduction:

We have been asked to clarify the situation of which versions of WGA.EXE, the operating software for our range of analyzer, are compatible with which calibration models. As such the chart below describes the progressive development of our software and calibrations.

Year (.bin files)	Version	Description	Calibration Models
1998-2000	WGA4.01-09	Original Ceres and Cropscan software Only 2 components, eg, Protein and Mositure Or Oil and Moisture Use LiPS or NTAS to create bin files NTAS: Select 38 Element Data File option	.pdt, .pdb .mdt, .mdb .odt, ,odb
2000	WGA4.10	Four component software for the Cropscan Needed to have all four models in .bin file Use LiPS or NTAS to create bin files NTAS: Select Variable Element Data File option	.1bn, .1b0 .2bn, .2b0 .3bn, .3b0 .4bn, .4b0
2001	WGA5.01	Four component software for the Cropscan, NIT-38 and FOP-38 Analyser Dynamic array for bin files, ie, 1 to 4 components Use NTAS to create bin files NTAS: Select Variable Element Data Files option	.1bn, .1b0 .2bn, .2b0 .3bn, .3b0 .4bn, .4b0
2003	WGA5.02	Same as WGA5.01 with extra features.	
2005	WGA5.03	Same as WGA5.02 with extra features.	

General Discussion:

All of the NIR Technology Australia analysers are compatible with WGA5.01-.03 software. There has been a change in power supplies in 2003 and WGA.exe still supports some of the features provided with the previous power supplies, eg, auto shut down, LCD backlight. WGA5.01-.03.exe ignores any redundant features without any loss of performance.

As such there is no reason not to upgrade all instruments to WGA503.11.exe.

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