

**TOBACCO RESEARCH BOARD**  
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**PLANT BREEDING DIVISION**

**FLUE CURED: OPEN RELEASE**

<b>OPEN RELEA SE Variety</b>	<b>Ripening Rate</b>	<b>Recommended Area</b>	<b>Extra Late Top dressing</b>	<b>Yield Potential</b>	<b>Heavy Soils</b>	<b>Resistant to the following Diseases</b>
K RK29	Very Slow	Medium and Fast	Extra late topdressing is usually required	High	Not tested	WF-0, WF-1, Angular-1, Alternaria, BS, RK, TMV
K RK 62	Medium to slow	Medium and slow	Extra late topdressing is usually required	High	Not tested	WM, WF-0, WF-1, TMV, Angular-1, BS, RK
TK RK64	Slow	Medium and Fast	Extra late topdressing is usually required	High	Not tested	WM, WF-0, WF-1, Angular-1, Alternaria, EW, BS, RK, TMV
K RK 66	Slow	Medium and Fast	Extra late topdressing is usually required	High	Not tested	WM, WF-0, WF-1, TMV, Angular-1, Alternaria, BS, RK

Key: WM=White mould, WF-0 & WF-1=Wildfire races 0 & 1, TMV=Tobacco mosaic virus, Angular-1=Angular race 1, Alternaria,

GW=Granville wilt, BS=Black Shank, RK=Root Knot

N.B. Quantities of seed of the experimental release varieties are limited and therefore seed availability is on a first come

first served basis.

<b>OPEN RELEASE VARIETIES Variety</b>	<b>Ripening rate</b>	<b>Recommended area</b>	<b>Extra late topdressing</b>	<b>Yield potential</b>	<b>Heavy Soils</b>	<b>*Resistant to the following diseases</b>
KE 1	Medium to fast	Medium & fast areas	No	Medium	No	WM
KRK1	Medium to fast	Medium & fast areas	No	Medium - high	No	WM, RK
K40	Medium to fast	All areas (Irrigated)	Ascertain	Medium	Yes	GW
KRK23	Medium to fast	Medium & slow growing areas	Yes	Medium - high	Yes	WM, WF-0, TMV, RK
KRK 6	Medium	All areas	Yes	Medium - high	Yes	WM, WF-0, WF-1, Angular-1, BS, RK
KRK 8	Medium	Medium & slow growing areas	No	Medium - high	No	WM, WF-0, TMV, RK
KRK 26R	Medium	All areas (fast growing)	Yes	Medium - high	Yes	WM, WF-0, WF-1, RK, BS, Angular-1, GW, TMV
KM 10	Medium-Fast	Highveld	No	Medium - high	No	WM, WF-0, TMV
K 36	Medium	Medium & slow growing area	No	Medium - high	No	WM, WF-0, WF-1, TMV, Angular-1, BS
KRK22	Medium-Fast	Medium & slow growing area	Check first	Medium - high	No	WM, WF-0, WF-1, TMV, RK, Angular-1,BS
KRK 27/ (R)	Medium-Fast	Fast growing areas	Check first	Medium - high	No	WM, WF-0, WF-1, Angular-1, EW, BS (TMV)
K 30R	Slow	Medium & fast areas	Yes	Medium	No	WF-0, TMV, Alternaria, GW
K35	Slow	All areas	Yes	High	Yes	WM, WF-0, WF-1, TMV, Angular-1, BS, Alternaria
K 37	Slow	Medium & fast	Check first	High	Yes	WM, WF-0
KRK 28/ (R)	Very slow	Fast growing areas	Yes	High	No	WM, WF-0, WF-1, RK, Angular-1, Alternaria, BS (TMV)

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GW=Granville wilt, BS=Black Shank, RK=Root Knot

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### RATIONED RELEASE VARIETIES

Variety	Ripening Rate	Recommended Area	Extra Late Top dressing	Yield Potential	Heavy Soils	Resistant to the following Diseases
T 60/ (R)	Medium	Medium and Fast	Extra late topdressing is sometimes required	High	Not tested	WM, WF-0, WF-1, Angular-1, BS, RK (TMV)
T 61	Medium to slow	Medium and slow	Extra late topdressing is usually required	High	Not tested	WF-0, WF-1, TMV, Angular-1, BS, RK
T 65	Very Slow	Medium and Fast	Extra late topdressing is usually required	High	Not tested	WM, WF-0, WF-1, Angular-1, Alternaria, BS, RK

Key: WM=White mould, WF-0 & WF-1=Wildfire races 0 & 1, TMV=Tobacco mosaic virus, Angular-1=Angular race 1, Alternaria,

GW=Granville wilt, BS=Black Shank, RK=Root Knot

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### LIMITED RELEASE VARIETIES

Variety	Ripening Rate	Recommended Area	Extra Late Top dressing	Yield Potential	Heavy Soils	Resistant to the following Diseases
T71	Medium to Fast	All areas	Yes	Medium - high	Not tested	WM, WF-0, WF-1, TMV, Angular-1, Alternaria, BS, RK
T72	Medium to Slow	All areas	Extra late topdressing is usually required	High	Not tested	WM, WF-0, WF-1, TMV, Angular-1, Alternaria, BS, RK

Key: WM=White mould, WF-0 & WF-1=Wildfire races 0 & 1, TMV=Tobacco mosaic virus, Angular-1=Angular race 1, Alternaria,

GW=Granville wilt, BS=Black Shank,

RK=Root Knot

N.B. Quantities of seed of the experimental release varieties are limited and therefore seed availability is on a first come first served basis.

We are pleased to announce that five new flue-cured hybrids T70, T73, T74, T75 and T76 were introduced by on the First Year of Limited Release for the 2014/15 growing season. A variety information table is below for your convenience. Access to seed will be limited and no more than 10 ha of seed per grower will be allowed to a maximum equivalence of seed to 150 growers for each variety.

Growers who require further information should contact the Tobacco Research Board's Plant Breeding Division on telephone no. 04-575289-94

New Limited Release varieties introduced in the 2014 to 2015 season

#### Limited Release Varieties for the 2014/ 15 Season

<b>T Number</b>	<b>Ripening/ Maturity</b>	<b>Predominant Curing Style</b>	<b>Comments</b>
T70	<ul style="list-style-type: none"> <li>• <b>Medium</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Deep lemon to orange</b></li> </ul>	<ul style="list-style-type: none"> <li>• Resistant to 8 diseases</li> <li>• Similar to <b>K RK26</b></li> </ul>
T73	<ul style="list-style-type: none"> <li>• <b>Slow</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lemon</b></li> </ul>	<ul style="list-style-type: none"> <li>• very high holding capacity</li> <li>• Quick germinating and fast growth</li> <li>• High Yield Potential</li> <li>• Easy to manage in seedbeds</li> <li>• Heavy body</li> </ul>
T74	<ul style="list-style-type: none"> <li>• <b>Slow</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lemon</b></li> </ul>	<ul style="list-style-type: none"> <li>• Similar to <b>K RK66</b></li> <li>• Good holding capacity</li> <li>• High Yield Potential</li> <li>• Resistant to 8 diseases including TMV</li> </ul>
T75	<ul style="list-style-type: none"> <li>• <b>Slow</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Orange to mahogany</b></li> </ul>	<ul style="list-style-type: none"> <li>• Similar to <b>T71</b></li> <li>• High Yield Potential</li> <li>• Resistant to 8 diseases including TMV</li> </ul>
T76	<ul style="list-style-type: none"> <li>• <b>Medium</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lemon</b></li> </ul>	<ul style="list-style-type: none"> <li>• Very high Alternaria resistance</li> <li>• High Yield Potential</li> </ul>

## Burley Varieties

### KUTSAGA BURLEY TOBACCO VARIETIES

Variety	Release status	White mould	Wildfire 0	Wildfire 1	TMV	Angular leaf spot 1	Alternaria	Root Knot nematode	Fusarium	Granville Wilt	Ripening	Remarks
<b>Banket A1</b>	Open	S	R	S	R	Slight R	High R	S	S	S	Slow	LR
<b>Banket 127</b>	Open	R	R	S	R	S	High R	S	S	S	Slow	LR
<b>Banket BRK 1</b>	Open	S	R	S	R	S	High R	Mod R	Slight R	S	Slow	LR
<b>BRK 2</b>	Open	S	R	S	R	S	High R	Mod R	Slight R	S	Slow	LR
<b>BRK 3</b>	Open	S	R	S	R	Slight R	Mod R	Mod R	-	S	Fast	SC
<b>BRK 4</b>	Limited	S	R	R	R	R	High R	R	-	S	Slow	LR
<b>BRK 5</b>	Limited	S	R	S	R	S	High R	Mod R	-	S	Mod fast	LR/SC
<b>BRK 6</b>	Limited	R	R	R	R	R	High R	Mod R	-	S	Slow	LR
<b>BRK 7</b>	Exptal	S	R	S	R	S	Mod R	Mod R	-	Mod R	Mod fast	LR/SC
<b>Hybrid parents</b>				<b>Harvesting</b>								
<p>JH5 = rootknot resistant line</p> <p>KY14 = Fusarium resistant US cultivar</p> <p>BW9 = wildfire 1, angular, white mould resistant line</p> <p>JB5 = rootknot, (white mould resistant line</p>				<p>SC – fast ripening, suitable for wholly stalk cutting</p> <p>LR – slow ripening, suitable for leaf reaping but can be stalk-cut after priming at least the lower third of the plant.</p> <p>LR/SC – moderately fast ripening, will have to be stalk-cut after some priming</p>								