

## Estimated Leaf Production by Crop Year

million green kgs  
as of November 3, 2022

Flue-Cured	2019	2020	2021	2022E	2023P
<b>North &amp; Central America + Caribbean</b>	<b>154</b>	<b>117</b>	<b>156</b>	<b>145</b>	<b>164</b>
<i>USA</i>	128	102	136	122	140
<b>South America</b>	<b>688</b>	<b>640</b>	<b>658</b>	<b>596</b>	<b>640</b>
<i>Brazil</i>	600	550	570	510	550
<b>Europe + CIS</b>	<b>120</b>	<b>109</b>	<b>112</b>	<b>98</b>	<b>110</b>
<b>Africa + Middle East</b>	<b>429</b>	<b>311</b>	<b>356</b>	<b>351</b>	<b>380</b>
<b>Asia + Oceania</b>	<b>2,235</b>	<b>2,228</b>	<b>2,189</b>	<b>2,308</b>	<b>2,358</b>
<i>PRC</i>	1,706	1,743	1,743	1,852	1,852
<b>World Total</b>	<b>3,625</b>	<b>3,406</b>	<b>3,472</b>	<b>3,499</b>	<b>3,651</b>
<b>World Total Excluding PRC</b>	<b>1,919</b>	<b>1,662</b>	<b>1,730</b>	<b>1,647</b>	<b>1,799</b>

Burley	2019	2020	2021	2022E	2023P
<b>North &amp; Central America + Caribbean</b>	<b>64</b>	<b>51</b>	<b>46</b>	<b>58</b>	<b>64</b>
<i>USA</i>	36	30	28	37	40
<b>South America</b>	<b>115</b>	<b>97</b>	<b>80</b>	<b>75</b>	<b>84</b>
<i>Brazil</i>	70	57	50	47	47
<b>Europe + CIS</b>	<b>23</b>	<b>18</b>	<b>17</b>	<b>15</b>	<b>17</b>
<b>Africa + Middle East</b>	<b>237</b>	<b>174</b>	<b>166</b>	<b>129</b>	<b>191</b>
<b>Asia + Oceania</b>	<b>102</b>	<b>104</b>	<b>90</b>	<b>95</b>	<b>115</b>
<i>PRC</i>	5	6	6	8	8
<b>World Total</b>	<b>541</b>	<b>443</b>	<b>399</b>	<b>372</b>	<b>471</b>

Oriental	2018	2019	2020	2021	2022
<b>World Total</b>	<b>156</b>	<b>164</b>	<b>152</b>	<b>120</b>	<b>128</b>

Dark Air-Cured	2018	2019	2020	2021	2022
<b>World Total</b>	<b>125</b>	<b>116</b>	<b>111</b>	<b>108</b>	<b>113</b>

All Tobacco Types	2018	2019	2020	2021E	2022P
<b>World Total</b>	<b>5,118</b>	<b>4,763</b>	<b>4,719</b>	<b>4,725</b>	<b>4,951</b>

Current Year vs Prior Year, Upcoming Year vs Current Year and Current Year vs Current Year Prior  
Quarter

Flue-Cured			
	22 vs 21	23 vs 2	22 vs prior quarter 22
North & Central America + Caribbean	-6.9%	12.7%	-4.1%
USA	-10.6%	15.1%	-5.0%
South America	-9.4%	7.4%	1.7%
Brazil	-10.5%	7.8%	2.0%
Europe + CIS	-13.0%	12.3%	-6.1%
Africa + Middle East	-1.4%	8.1%	3.4%
Asia + Oceania	5.4%	2.1%	-0.7%
PRC	6.3%	0.0%	0.0%
World Total	0.8%	4.3%	-0.2%
World Total Excluding PRC	-4.8%	9.2%	-0.5%

Burley			
	22 vs 21	23 vs 2	22 vs prior quarter 22
North & Central America + Caribbean	25.9%	10.9%	-2.8%
USA	32.5%	9.0%	0.1%
South America	-6.0%	11.9%	0.0%
Brazil	-6.0%	0.0%	0.0%
Europe + CIS	-11.6%	12.3%	-5.3%
Africa + Middle East	-22.5%	48.5%	-4.0%
Asia + Oceania	5.8%	21.3%	0.3%
PRC	27.8%	0.0%	0.0%
World Total	-6.8%	26.8%	-2.0%

Oriental	21vs 20	22 vs 21	22 vs 22Prior
World Total	-21.0%	6.5%	0.0%

Dark Air-Cured	21vs 20	22 vs 21	22 vs 22Prior
World Total	-2.0%	4.3%	0.7%

All Tobacco Types			
	21 vs 20	22 vs 21	22 vs prior quarter 22
World Total	0.1%	4.8%	3.7%

Notes/Major Changes

**Flu-Qred**

North & Central America + Caribbean

USA weather related reduction in US

South America

Brazil

Europe + CIS

Africa + Middle East

Asia + Oceania

PRC

World Total

World Total Excluding PRC

**Burley**

North & Central America + Caribbean

USA

South America Argentina Drought in Misiones

Brazil

Europe + CIS

Africa + Middle East

Asia + Oceania

PRC

World Total