



## AAgWa Crop Production Forecasts Brief Series Gambia - Millet

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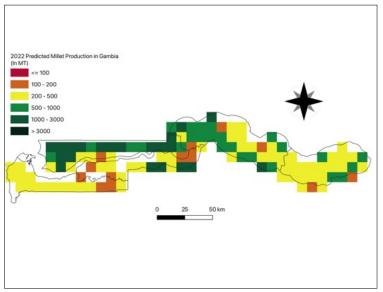
he crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAgWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business actions more efficiently. The data published in the briefs are generated through the Africa Crop Production (AfCP) model, an Artificial Intelligence (AI-based) model applied to remotely sensed geobiophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 2, we provide forecasts on Millet production in Gambia.

**Data Source:** Africa Agriculture Watch (www.aagwa.org).

Figure 1. Gambia 2022 millet production forecast.

millet r

Figure 2. Gambia 2021 millet production forecast.



Data Source: Africa Agriculture Watch (www.aagwa.org).

In 2022, an increase of 14,118 metric tons in millet production over 2021 was expected in Gambia, with total production reaching 68,534 metric tons. As a result, the production levels will be higher in districts such as Upper Baddibu (North Bank), Fulladu West (Maccarthy Island), Upper and Lower Nuimi (North Bank), with production values estimated at 8,144 MT, 6788 MT, 5,564 MT, and 4,843 MT, respectively. On the other hand, lower production volumes are expected in the Western and Maccarthy Island areas, including Foni Bondali, Foni Jarrol, Foni Brefet, and Janjanbureh, with total production levels estimated at 191, 216, 283, and 254 metric tons, respectively.

However, the most significant increases in millet production levels exceeding 1,000 MT are expected mainly in districts such as Fulladu West, Fulladu East, and Upper Baddibu, with 1,584, 1,298, and 1,085 metric tons, respectively.

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Annex – 2022 Gambia Millet Production Forecast at District level

Lower River         Jarra Central         2217         144           Lower River         Jarra East         360         160           Lower River         Jarra West         288         86           Lower River         Kiang Central         909         197           Lower River         Kiang Best         1920         149           Lower River         Kiang West         1285         468           Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Namina Dankunku         438         89           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niami         775         207           Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Nianija         677         183           Maccarthy Island         Nianija         677	egions	Districts	2022 Prod (MT)	2021 Prod (MT)	Relative Difference (%)
Lower River         Jarra West         288         86           Lower River         Kiang Central         909         197           Lower River         Kiang East         1920         149           Lower River         Kiang West         1285         468           Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianii         775         207           Maccarthy Island         Nianiia         577         183           Maccarthy Island         Nianiia         577         183           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Upper Saloum	ower River	Jarra Central	2217	144	7%
Lower River         Kiang Central         909         197           Lower River         Kiang East         1920         149           Lower River         Kiang West         1285         468           Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianii         775         207           Maccarthy Island         Nianii         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Saniii	ower River	Jarra East	360	160	80%
Lower River         Kiang East         1920         149           Lower River         Kiang West         1285         468           Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina Bast         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianija         677         183           Maccarthy Island         Nianija         677         183           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Nuimi	ower River	Jarra West	288	86	42%
Lower River         Kiang West         1285         468           Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianii         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Upper Saloum         3115         459           North Bank         Upper Saloum         3115         459           North Bank         Upper Saloum         3115         459           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         3444         640           North Bank         Lower Baddibu         2348         330           North Bank         Upper Ruimi         4843         671           North Bank         Upper Ruimi         5564	ower River	Kiang Central	909	197	28%
Maccarthy Island         Fulladu West         6788         1584           Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Mianija         677         183           Maccarthy Island         Upper Saloum         3115         459           Maccarthy Island         Upper Saloum         3115         459           North Bank         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Lower Baddibu         2348         330           North Bank         Lower Raddibu         8443         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper River	ower River	Kiang East	1920	149	8%
Maccarthy Island         Janjanbureh         254         70           Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Lower Baddibu         348         330           North Bank         Lower Nuimi         4843         671           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Nuimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975	ower River	Kiang West	1285	468	57%
Maccarthy Island         Lower Saloum         1591         136           Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Lower Baddibu         348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Ruimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Kantora         1975         397           Upper River         Wuli         2847         64	accarthy Island	Fulladu West	6788	1584	30%
Maccarthy Island         Niamina Dankunku         438         89           Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Nuimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Wuli         2847         644	accarthy Island	Janjanbureh	254	70	38%
Maccarthy Island         Niamina East         2216         527           Maccarthy Island         Niamina West         764         129           Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Lower Baddibu         2348         330           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Nuimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Wuli         823         192           Upper River         Wuli         2847         644	accarthy Island	Lower Saloum	1591	136	9%
Maccarthy Island         Niamina West         764         129           Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper River         1985         1298           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Brefet         283         74	accarthy Island	Niamina Dankunku	438	89	26%
Maccarthy Island         Niani         775         207           Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           Upper River         Kantora         1975         397           Upper River         Kantora         1975         397	accarthy Island	Niamina East	2216	527	31%
Maccarthy Island         Nianija         677         183           Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Ruimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           We	accarthy Island	Niamina West	764	129	20%
Maccarthy Island         Sami         1549         451           Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Brefet         283         74	accarthy Island	Niani	775	207	36%
Maccarthy Island         Upper Saloum         3115         459           North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Baddibu         8144         1085           North Bank         Upper River         4198         1298           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           Western         Foni Jarrol         216         67           Western         Kombo Central         822         486           Western<	accarthy Island	Nianija	677	183	37%
North Bank         Central Baddibu         3444         640           North Bank         Jokadu         4442         764           North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Raddibu         8144         1085           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           <	accarthy Island	Sami	1549	451	41%
North Bank       Jokadu       4442       764         North Bank       Lower Baddibu       2348       330         North Bank       Lower Nuimi       4843       671         North Bank       Upper Baddibu       8144       1085         North Bank       Upper River       5564       765         Upper River       Fulladu East       4198       1298         Upper River       Kantora       1975       397         Upper River       Sandu       823       192         Upper River       Wuli       2847       644         Western       Foni Bintang Karanai       519       322         Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	accarthy Island	Upper Saloum	3115	459	17%
North Bank         Lower Baddibu         2348         330           North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper River         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           Western         Foni Jarrol         216         67           Western         Foni Kansala         401         142           Western         Kombo Central         822         486           Western         Kombo East         591         148           Western         Kombo Saint Mary         588         382           Western         Kombo South         1148         611	orth Bank	Central Baddibu	3444	640	23%
North Bank         Lower Nuimi         4843         671           North Bank         Upper Baddibu         8144         1085           North Bank         Upper Nuimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           Western         Foni Jarrol         216         67           Western         Foni Kansala         401         142           Western         Kombo Central         822         486           Western         Kombo East         591         148           Western         Kombo Saint Mary         588         382           Western         Kombo South         1148         611	orth Bank	Jokadu	4442	764	21%
North Bank         Upper Baddibu         8144         1085           North Bank         Upper Nuimi         5564         765           Upper River         Fulladu East         4198         1298           Upper River         Kantora         1975         397           Upper River         Sandu         823         192           Upper River         Wuli         2847         644           Western         Foni Bintang Karanai         519         322           Western         Foni Bondali         191         62           Western         Foni Brefet         283         74           Western         Foni Jarrol         216         67           Western         Foni Kansala         401         142           Western         Kombo Central         822         486           Western         Kombo East         591         148           Western         Kombo Saint Mary         588         382           Western         Kombo South         1148         611	orth Bank	Lower Baddibu	2348	330	16%
North Bank       Upper Nuimi       5564       765         Upper River       Fulladu East       4198       1298         Upper River       Kantora       1975       397         Upper River       Sandu       823       192         Upper River       Wuli       2847       644         Western       Foni Bintang Karanai       519       322         Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	orth Bank	Lower Nuimi	4843	671	16%
Upper River       Fulladu East       4198       1298         Upper River       Kantora       1975       397         Upper River       Sandu       823       192         Upper River       Wuli       2847       644         Western       Foni Bintang Karanai       519       322         Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	orth Bank	Upper Baddibu	8144	1085	15%
Upper River       Kantora       1975       397         Upper River       Sandu       823       192         Upper River       Wuli       2847       644         Western       Foni Bintang Karanai       519       322         Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	orth Bank	Upper Nuimi	5564	765	16%
Upper River       Sandu       823       192         Upper River       Wuli       2847       644         Western       Foni Bintang Karanai       519       322         Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	pper River	Fulladu East	4198	1298	45%
Upper River Wuli 2847 644 Western Foni Bintang Karanai 519 322 Western Foni Bondali 191 62 Western Foni Brefet 283 74 Western Foni Jarrol 216 67 Western Foni Kansala 401 142 Western Kombo Central 822 486 Western Kombo East 591 148 Western Kombo Saint Mary 588 382 Western Kombo South 1148 611	pper River	Kantora	1975	397	25%
WesternFoni Bintang Karanai519322WesternFoni Bondali19162WesternFoni Brefet28374WesternFoni Jarrol21667WesternFoni Kansala401142WesternKombo Central822486WesternKombo East591148WesternKombo Saint Mary588382WesternKombo South1148611	pper River	Sandu	823	192	30%
Western       Foni Bondali       191       62         Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	pper River	Wuli	2847	644	29%
Western       Foni Brefet       283       74         Western       Foni Jarrol       216       67         Western       Foni Kansala       401       142         Western       Kombo Central       822       486         Western       Kombo East       591       148         Western       Kombo Saint Mary       588       382         Western       Kombo South       1148       611	estern	Foni Bintang Karanai	519	322	164%
Western         Foni Jarrol         216         67           Western         Foni Kansala         401         142           Western         Kombo Central         822         486           Western         Kombo East         591         148           Western         Kombo Saint Mary         588         382           Western         Kombo South         1148         611	estern	Foni Bondali	191	62	49%
WesternFoni Kansala401142WesternKombo Central822486WesternKombo East591148WesternKombo Saint Mary588382WesternKombo South1148611	estern	Foni Brefet	283	74	35%
WesternKombo Central822486WesternKombo East591148WesternKombo Saint Mary588382WesternKombo South1148611	estern	Foni Jarrol	216	67	45%
WesternKombo East591148WesternKombo Saint Mary588382WesternKombo South1148611	estern	Foni Kansala	401	142	55%
WesternKombo Saint Mary588382WesternKombo South1148611	estern	Kombo Central	822	486	145%
Western Kombo South 1148 611	estern	Kombo East	591	148	33%
	estern	Kombo Saint Mary	588	382	185%
T. I.	estern	Kombo South	1148	611	114%
Total 68534 14118	otal		68534	14118	26%

Notes: MT (Metric ton): 1 MT is equivalent to 1,000 kilograms

Absolute Difference: 2022 Prod – 2021 Prod Relative Difference: (2022 – 2021) / 2021

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