

Organisation pour la Mise en
Valeur du Fleuve Sénégal
(O.M.V.S.)

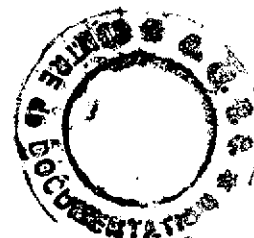
HAUT COMMISSARIAT

DEPARTEMENT DU DEVELOPPEMENT
ET DE LA COORDINATION

(B) DDC. 15.81

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PROJET RAF/87/036



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P R E A M B U L E

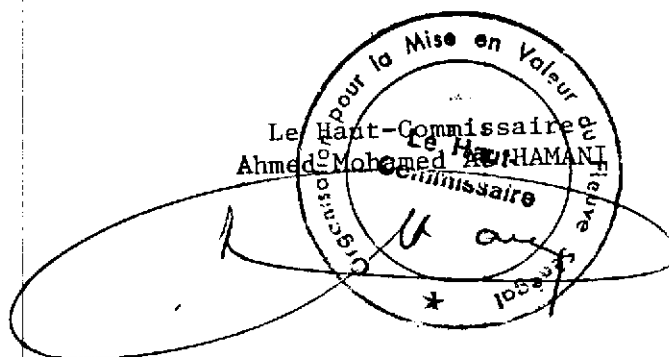
Le Haut-Commissariat de l'OMVS par cette publication, met à votre disposition un outil de travail qui permet d'avoir une vision relativement complète de la performance du développement hydro-agricole dans le Bassin du fleuve Sénégal de 1975 à 1987.

Les tableaux ci-joints sont élaborés à partir de la Banque de données hydro-agricole alimentée régulièrement par les enquêtes exhaustives effectuées pour couvrir annuellement les trois campagnes agricoles (hivernage, contre saison-froide, contre saison chaude).

La publication de ce document sera restreinte car elle vise surtout à consolider ces informations avec les Etats-membres, c'est pourquoi les tableaux de synthèse et les données brutes, périmètre par périmètre seront publiés séparément.

Notre organisation remercie vivement les Etats-membres pour leur collaboration constante dans la collecte des données primaires et le PNUD qui depuis plusieurs années nous assiste à travers la Cellule d'Evaluation et de Planification continue, dans cette importante tâche de suivi-évaluation qui se veut multisectorielle à terme.

Ce mécanisme de suivi-évaluation est essentiel à la mise en place du système de pilotage du développement intégré du Bassin du fleuve Sénégal.



2411

QUELQUES INCIDATIONS POUR LA COMPREHENSION ET L'EXPLOITATION
DE LA BANQUE DE DONNEES HYDRO-AGRICOLE

AVERTISSEMENT

Ce document est destiné aux utilisateurs initiés chargés de la formulation et du suivi du développement hydro-agricole dans le bassin du fleuve Sénégal.

Les informations qui y sont contenues sont obtenues lors d'enquêtes exhaustives auprès des responsables de périmètres, des chefs de zone, directeurs de délégations ou chefs de secteur pour l'établissement des bilans de campagne agricole.

Un tel travail couvrant un territoire aussi vaste que le bassin du fleuve Sénégal ne peut viser l'exactitude absolue. En effet, lors des missions de collecte de données primaires, plusieurs situations peuvent se présenter :

- 1°) - le responsable est présent et dispose de données requises : c'est le cas en général.
- 2°) - aucun responsable susceptible de donner toutes les informations n'est présent. Dans ce cas un second passage est nécessaire pour enregistrer les informations.
- 3°) - Le responsable est présent mais ne peut fournir d'informations satisfaisantes : dans ce cas, on procède à des estimations et à des recoupements suivant les connaissances dont on dispose déjà sur le périmètre.

Par ailleurs, le paddy et la tomate en général, font l'objet d'un sondage de rendement systématique de la part des sociétés nationales de développement sur les périmètres qu'ils encadrent. Par conséquent, les chiffres concernant ces spéculations sont relativement précis.

Pour les autres spéculations aucun sondage n'est effectué. Les rendements sont connus seulement après battage et pesée. Pour la production en 1987 il s'agit uniquement de celle de l'hivernage contrairement à toutes les autres années où l'on a comptabilisé les productions des 3 campagnes agricoles.

Malgré ces imperfections, les données présentées constituent une importante source d'informations permettant de connaître avec suffisamment de précision la situation et la performance du développement hydro-agricole du fleuve Sénégal.

Le document comporte quatre parties dont chacune renferme un ensemble de tableaux de données agrégées à partir des données brutes issues des enquêtes depuis 1975 pour les superficies et depuis 1980 pour les productions.

I. DEFINITIONS DES PARAMETRES UTILISES

Pour chaque année agricole, de 1975 à 1987, les données sont agrégées :

- par pays et par type de périmètre
- par pays, par secteur d'encadrement et par type de périmètre
- par pays, par organisme de tutelle et par type de périmètre
- par zone géographique et par type de périmètre
- pour l'ensemble du bassin et par type de périmètre.

Les productions : sont exprimées en T et les rendements sont donnés par rapport à la superficie récoltée.

Toutes les superficies sont en hectare :

a) Superficie nette irrigable : SNI

Il s'agit de la superficie qui peut être irriguée et cultivée, obtenue de la superficie brute aménagée après défalcation des emprises des ouvrages : (digues, canaux d'irrigation, bâtiments, pistes) ;

b) Superficie cultivée : c'est la superficie effectivement semée

c) Superficie récoltée : c'est la superficie semée qui donne une production

d) Superficie non exploitée : il s'agit de la superficie non semée

e) Superficie sinistrée : c'est la superficie semée qui ne donne pas de production pour une raison dépendante ou indépendante de la volonté des exploitants.

* La première partie donne l'évolution des superficies et de quelques ratios d'analyse :

- superficie nette irrigable (SNI)	
- superficie cultivée (SC)	
- superficie récoltée (SR)	
- superficie non exploitée (SNE)	= SNI - SC
- superficie sinistrée (SS)	= SC - SR
- taux de non exploitation	= $\frac{SNE}{SNI} \times 100$
- taux de mise en valeur	= $\frac{SC}{SNI} \times 100$
- taux de sinistre	= $\frac{SS}{SC} \times 100$
- taux de productivité de la SNI	= $\frac{SR}{SNI} \times 100$
- taux de productivité culturale	= $\frac{SR}{SC} \times 100$

Toutes ces données sont regroupées par campagne d'hivernage considérée comme une campagne de référence.

* La deuxième partie traite de l'évolution des superficies cultivées et récoltées par exploitant ainsi que du nombre d'exploitants par campagne d'hivernage.

* La troisième partie donne la production et le rendement par rapport à la superficie cultivée des cinq (5) spéculations (riz, maïs, sorgho, tomate, niébé) par année agricole, c'est-à-dire l'hivernage et les deux contre saisons (chaude et froide) suivantes.

* La quatrième partie donne la répartition des superficies (cultivées et récoltées) pour les cinq (5) spéculations (riz, maïs, sorgho, tomate, niébé) par année agricole.

II. LES CRITERES DE ZONES GEOGRAPHIQUES DE LOCALISATION DES PERIMETRES

L'hétérogénéité des conditions naturelles et humaines du bassin a conduit à définir des zones relativement homogènes dont les caractéristiques influencent le comportement économique et social des populations et le fonctionnement des périmètres.

Il est à souligner que dans le Bassin du Sénégal, les régions ou zones géographiques recouvrent des réalités très importantes et très différentes d'une zone à l'autre. Elles traduisent des aptitudes, des contraintes et des potentialités différentes tant du point de vue agro-pédologique, hydrologique que climatique.

Le découpage du bassin en zones géographiques varie selon le critère considéré (hydrologie, climatologie par exemple) ou selon les convenances des structures nationales d'intervention. On peut observer par exemple que la SAED assimile couramment le Delta à la Délégation d'encadrement de Dagana, alors que certaines études techniques de la DPA/SAED peuvent différencier d'autres entités pour la même Délégation : le bas, le moyen et le haut Delta ainsi que la Basse vallée.

Pour la banque de données, nous avons retenu en nous inspirant de l'étude socio-économique et en considérant les diverses préoccupations de l'OMVS pour lesquelles un zonage géographique présente un intérêt, un découpage en 6 zones géographiques. La dénomination et les limites approximatives des différentes zones, sont présentées dans le tableau suivant.

Les zones géographiques du Bassin

DENOMINATION	EXTENSION - LIMITES
Delta	Saint-Louis à Richard-Toll (défluence de la Taouey PK 143)
Basse Vallée	Richard-Toll à la limite Est de la boucle de Dagana PK 284 (défluence du Diavagne)
Moyenne Vallée Aval	Dagana (PK 184) à Vinding
Moyenne Vallée Amont	Vinding à Dembakané
Haute Vallée	Dembakane aux confluences Sénégal - Karakoro en rive droite, Sénégal Falémé en rive gauche
Haut Bassin	Partie en amont de la Haute Vallée

III. LES CRITERES DE MODE D'ENCADREMENT ET DE GESTION DES PERIMETRES

En raison de la diversité des intervenants, on observe au niveau des périmètres irrigués d'importantes différences quant aux formes de mise en place, d'encadrement et d'organisation. A côté des périmètres sous tutelle des sociétés étatiques d'encadrement, existent des périmètres villageois ou familiaux, des périmètres encadrés par des ONG ou des missions et des périmètres non encadrés...

Dans cette catégorie 7 critères de différenciation classés en deux groupes ont été retenus :

1. Périmètres encadrés par l'OVSTM* (Mali)
2. Périmètres encadrés par la SONADER* (Mauritanie)
3. Périmètres encadrés par la SAED* (Sénégal)
4. Périmètre de MPourié (Mauritanie) encadré par le service de l'agriculture
5. Périmètres encadrés par des ONG* ou des Missions Caritatives
6. Périmètres non encadrés ou organisés en Foyer
7. Périmètres privés (villageois ou familiaux)

IV. REMARQUES GENERALES

Pour les productions en 87 seules les données relatives à la campagne d'hivernage sont présentées sauf pour le Mali qui comprend quelques données de contre-saison froide 87/88.

Pour la compréhension des tableaux :

GP Grand périmètre
MP Moyen périmètre
PP Petit périmètre
.. ensemble ou total

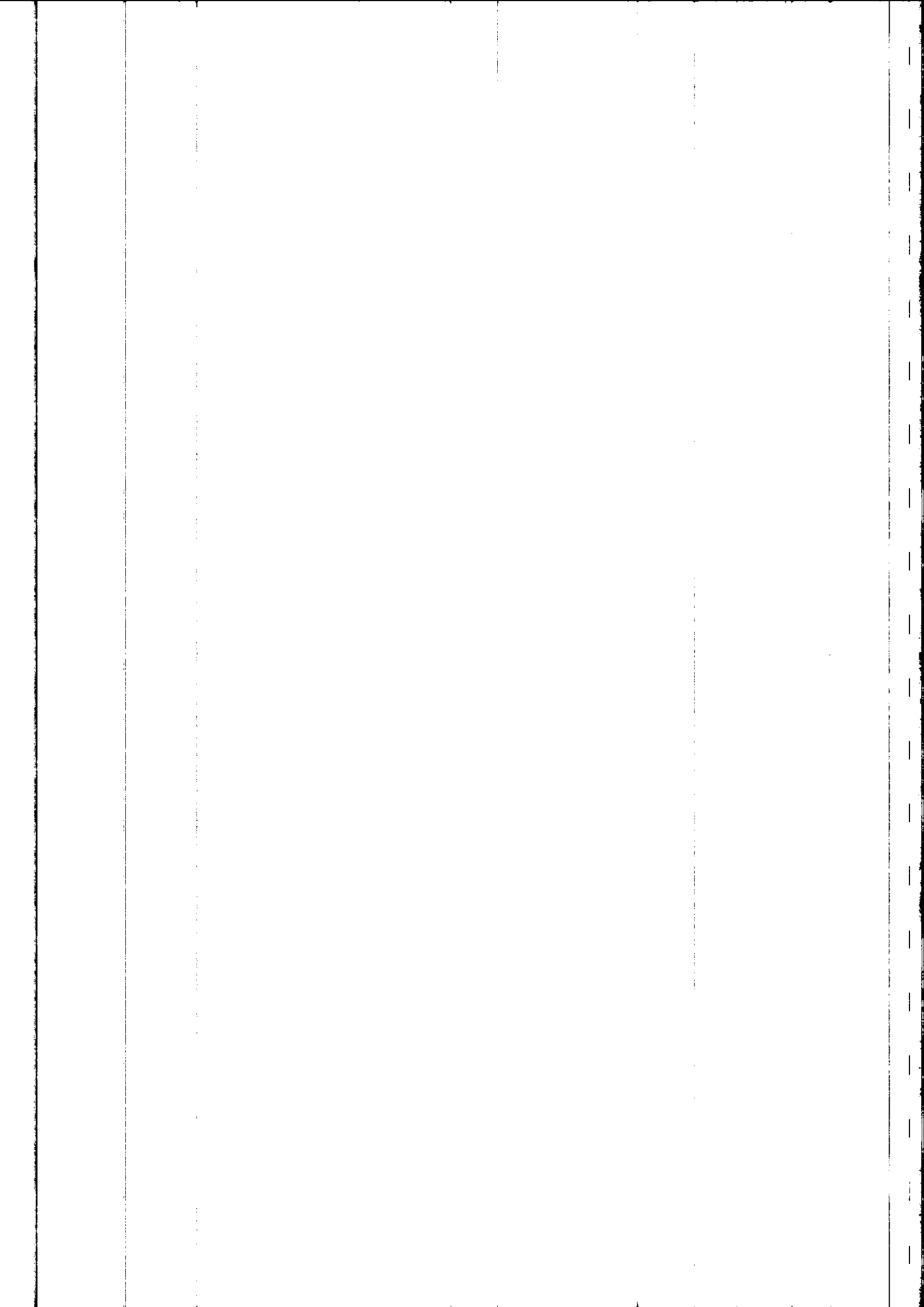
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.. 86 Total 86.

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- * OVSTM : Opération Vallée du Sénégal-Térékolé Lac Magui
* SONADER : Société Nationale pour le développement Rural
* SAED : Société Nationale d'aménagement et d'exploitation des terres du Delta du fleuve Sénégal et des Vallées du fleuve Sénégal et de la Falémé.
* ONG : Organisme non Gouvernementaux.

P R E M I E R E P A R T I E

SITUATION DES SUPERFICIES DES PERIMETRES DE L'ENSEMBLE
DU BASSIN PAR TYPE DE PERIMETRE DES CAMPAGNE D'HIVERNAGE
DE 1975 à 1987



SITUATION DES SUPERFICIES DES PERIMETRES
DE L' ENSEMBLE DU BASSIN PAR TYPE DE PERIMETRE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987

1.

Unite en Ha

ENSEMBLE BASSIN

- | | |
|------------------------------------|-------------------------------------|
| 1 : SNI | 2 : SUPERFICIE CULTIVEE |
| 3 : SUPERFICIE RECOLTEE | 4 : SUPERFICIE NON EXPLOITEE |
| 5 : SUPERFICIE SINISTREE | 6 : TAUX DE MISE EN VALEUR |
| 7 : TAUX DE NON EXPLOITATION | 8 : TAUX DE SINISTRE |
| 9 : TAUX DE PRODUCTIVITE DE LA SNI | 10 : TAUX DE PRODUCTIVITE CULTURALE |

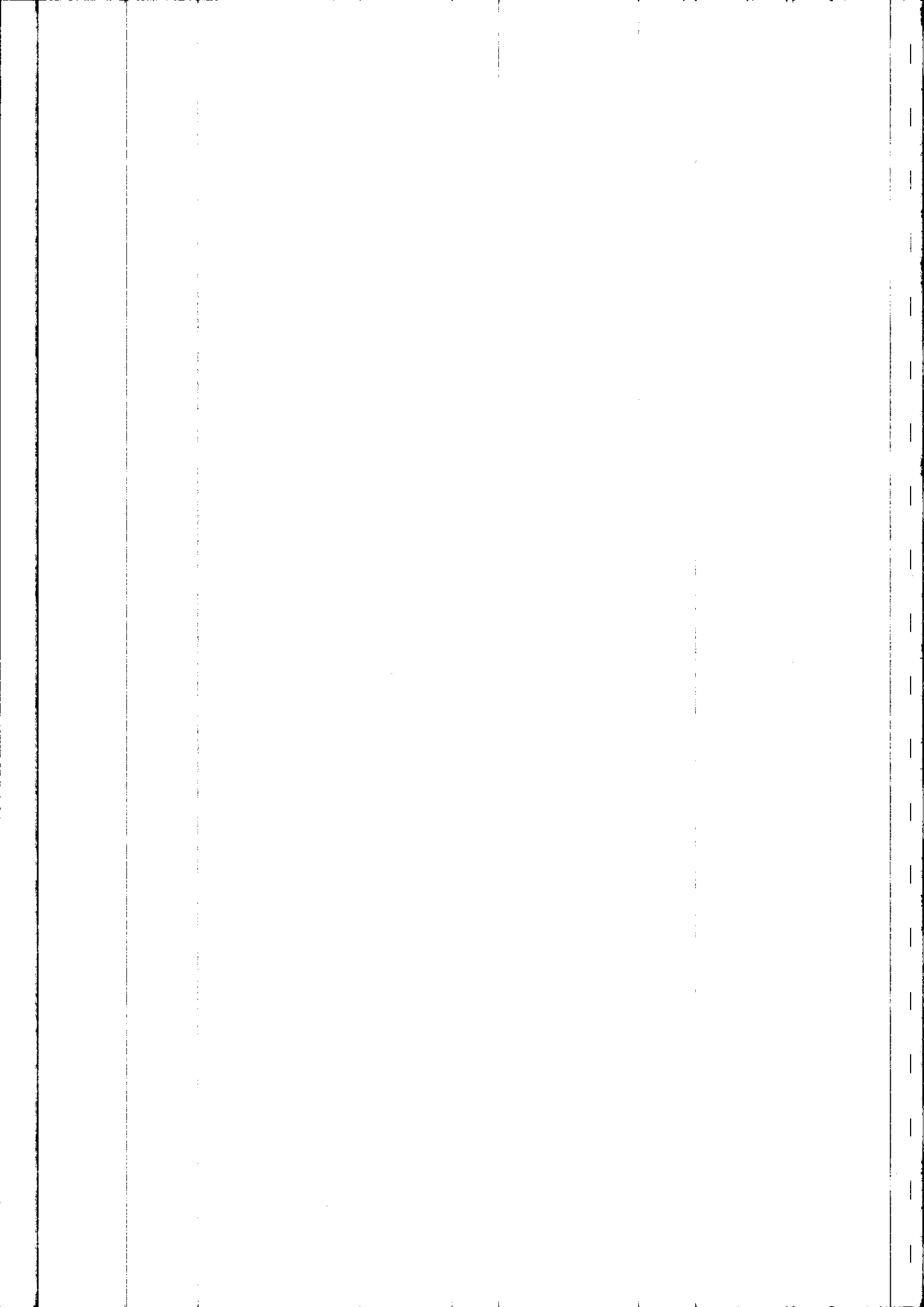
+TYP	#HIV	1	2	3	4	5	6	7	8	9	10	
I	BP	I 75	I 5922.63	I 3605.74	I 2859.47	I 2316.89	I 746.27	I 60.88	I 39.12	I 20.70	I 48.28	I 79.30
I	BP	I 76	I 7971.50	I 6000.73	I 5286.82	I 1970.77	I 713.91	I 75.28	I 24.72	I 11.90	I 66.32	I 88.10
I	BP	I 77	I 8983.08	I 6295.77	I 4334.91	I 2687.31	I 1960.86	I 70.08	I 29.92	I 31.15	I 48.26	I 68.85
I	BP	I 78	I 10159.71	I 7753.64	I 6754.75	I 2406.07	I 998.89	I 76.32	I 23.68	I 12.88	I 66.49	I 87.12
I	BP	I 79	I 10542.02	I 6985.87	I 5862.68	I 3556.15	I 1123.19	I 66.27	I 33.73	I 16.08	I 55.61	I 83.92
I	BP	I 80	I 11061.25	I 7693.30	I 5501.06	I 3367.95	I 2192.24	I 69.55	I 30.45	I 28.50	I 49.73	I 71.50
I	BP	I 81	I 11259.09	I 6753.86	I 4531.45	I 4505.23	I 2222.41	I 59.99	I 40.01	I 32.91	I 40.25	I 67.09
I	BP	I 82	I 11187.09	I 7283.91	I 6644.84	I 3903.18	I 639.07	I 65.11	I 34.89	I 8.77	I 59.40	I 91.23
I	BP	I 83	I 12192.33	I 8347.90	I 7655.48	I 3844.43	I 692.42	I 68.47	I 31.53	I 8.29	I 62.79	I 91.71
I	BP	I 84	I 13019.31	I 9369.18	I 8364.55	I 3650.13	I 1004.63	I 71.96	I 28.04	I 10.72	I 64.25	I 89.28
I	BP	I 85	I 12867.66	I 9064.64	I 8789.24	I 3803.02	I 275.40	I 70.45	I 29.55	I 3.04	I 68.30	I 96.96
I	BP	I 86	I 13457.68	I 9135.42	I 8823.54	I 4322.26	I 311.88	I 67.88	I 32.12	I 3.41	I 65.57	I 96.59
I	BP	I 87	I 13447.18	I 7158.10	I 7137.75	I 6489.08	I 20.35	I 52.45	I 47.55	I .28	I 52.30	I 99.72
I	MP	I 76	I 100.00	I 100.00	I 100.00	I .00	I .00	I 100.00	I .00	I .00	I 100.00	I 100.00
I	MP	I 77	I 150.00	I 120.10	I 100.01	I 29.90	I 20.09	I 80.07	I 19.93	I 16.73	I 66.67	I 83.27
I	MP	I 78	I 160.00	I 153.30	I 153.30	I 6.70	I .00	I 95.81	I 4.19	I .00	I 95.81	I 100.00
I	MP	I 79	I 160.00	I 93.30	I 92.00	I 66.70	I 1.30	I 58.31	I 41.69	I 1.39	I 57.50	I 98.61
I	MP	I 80	I 896.16	I 845.92	I 801.83	I 50.24	I 44.09	I 94.39	I 5.61	I 5.21	I 89.47	I 94.79
I	MP	I 81	I 1873.85	I 1809.06	I 1618.73	I 64.79	I 190.33	I 96.54	I 3.46	I 10.52	I 86.39	I 89.48
I	MP	I 82	I 2909.16	I 2315.22	I 2065.57	I 593.94	I 249.65	I 79.58	I 20.42	I 10.78	I 71.00	I 89.22
I	MP	I 83	I 2619.59	I 2299.26	I 2237.63	I 320.33	I 61.63	I 87.77	I 12.23	I 2.68	I 85.42	I 97.32
I	MP	I 84	I 2750.94	I 2324.73	I 2212.75	I 426.21	I 111.98	I 84.51	I 15.49	I 4.82	I 80.44	I 95.18
I	MP	I 85	I 2764.26	I 2089.60	I 2068.60	I 674.66	I 21.00	I 75.59	I 24.41	I 1.00	I 74.83	I 99.00
I	MP	I 86	I 2646.84	I 1969.70	I 1964.14	I 677.14	I 5.56	I 74.42	I 25.58	I .28	I 74.21	I 99.72
I	MP	I 87	I 2536.24	I 927.96	I 927.96	I 1608.28	I .00	I 36.59	I 63.41	I .00	I 36.59	I 100.00
I	PP	I 75	I 1000.86	I 746.75	I 575.15	I 254.11	I 171.60	I 74.61	I 25.39	I 22.98	I 57.47	I 77.02
I	PP	I 76	I 1506.18	I 1220.10	I 1167.30	I 286.08	I 52.80	I 81.01	I 18.99	I 4.33	I 77.50	I 95.67
I	PP	I 77	I 2452.45	I 2038.23	I 1730.04	I 414.22	I 308.19	I 83.11	I 16.89	I 15.12	I 70.54	I 84.88
I	PP	I 78	I 3623.17	I 2816.77	I 2553.86	I 806.40	I 262.91	I 77.74	I 22.26	I 9.33	I 70.49	I 90.67
I	PP	I 79	I 5006.01	I 3800.79	I 3578.18	I 1205.22	I 222.61	I 75.92	I 24.08	I 5.86	I 71.48	I 94.14
I	PP	I 80	I 6768.72	I 4890.61	I 4123.09	I 1878.11	I 767.52	I 72.25	I 27.75	I 15.69	I 60.91	I 84.31
I	PP	I 81	I 8234.63	I 4787.94	I 4162.55	I 3446.69	I 625.39	I 58.14	I 41.86	I 13.06	I 50.55	I 86.94
I	PP	I 82	I 9140.50	I 4990.53	I 4476.47	I 4149.97	I 514.06	I 54.60	I 45.40	I 10.30	I 48.97	I 89.70
I	PP	I 83	I 11403.06	I 7070.41	I 6589.65	I 4332.65	I 480.76	I 62.00	I 38.00	I 6.80	I 57.79	I 93.20
I	PP	I 84	I 13712.71	I 8865.71	I 8245.78	I 4847.00	I 619.93	I 64.65	I 35.35	I 6.99	I 60.13	I 93.01
I	PP	I 85	I 16074.19	I 9799.51	I 9450.93	I 6274.68	I 348.58	I 60.96	I 39.04	I 3.56	I 58.80	I 96.44
I	PP	I 86	I 22206.97	I 12110.57	I 11436.82	I 10096.40	I 673.75	I 54.53	I 45.47	I 5.56	I 51.50	I 94.44
I	PP	I 87	I 26534.37	I 13958.50	I 13659.26	I 12375.87	I 299.24	I 53.00	I 47.00	I 2.14	I 51.87	I 97.86
I ..	I 75	I 6923.49	I 4352.49	I 3434.62	I 2571.00	I 917.87	I 62.87	I 37.13	I 21.09	I 49.61	I 78.91	I
I ..	I 76	I 9577.68	I 7320.83	I 6554.12	I 2256.85	I 766.71	I 76.44	I 23.56	I 10.47	I 68.43	I 89.53	I
I ..	I 77	I 11585.53	I 8454.10	I 6164.96	I 3131.43	I 2289.14	I 72.97	I 27.03	I 27.08	I 53.21	I 72.92	I
I ..	I 78	I 13942.88	I 10723.71	I 9461.91	I 3219.17	I 1261.80	I 76.91	I 23.09	I 11.77	I 67.86	I 88.23	I
I ..	I 79	I 15708.03	I 10879.96	I 9532.86	I 4828.07	I 1347.10	I 69.26	I 30.74	I 12.38	I 60.69	I 87.62	I
I ..	I 80	I 18926.13	I 13429.83	I 10425.98	I 5296.30	I 3003.85	I 71.72	I 28.28	I 22.37	I 55.68	I 77.63	I
I ..	I 81	I 21367.57	I 13350.86	I 10312.73	I 8016.71	I 3038.13	I 62.48	I 37.52	I 22.76	I 48.26	I 77.24	I
I ..	I 82	I 23236.75	I 14589.66	I 13186.88	I 8647.09	I 1402.78	I 62.79	I 37.21	I 9.61	I 56.75	I 90.39	I
I ..	I 83	I 26214.98	I 17717.57	I 16482.76	I 8497.41	I 1234.81	I 67.59	I 32.41	I 6.97	I 62.88	I 93.03	I
I ..	I 84	I 29482.96	I 20559.62	I 18823.08	I 8923.34	I 1736.54	I 69.73	I 30.27	I 8.45	I 63.84	I 91.55	I
I ..	I 85	I 31706.11	I 20953.75	I 20308.77	I 10752.36	I 644.98	I 66.09	I 33.91	I 3.08	I 64.05	I 96.92	I
I ..	I 86	I 38811.49	I 23215.69	I 22224.50	I 15095.80	I 991.19	I 60.60	I 39.40	I 4.27	I 58.01	I 95.73	I
I ..	I 87	I 42517.79	I 22044.56	I 21724.97	I 20473.23	I 319.59	I 51.85	I 48.15	I 1.45	I 51.10	I 98.55	I

SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET PAR TYPE DE PERIMETRE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987
Unite en Ha

2.

- | | |
|---|---|
| <p>1 : SNI
3 : SUPERFICIE RECOLTEE
5 : SUPERFICIE SINISTREE
7 : TAUX DE NON EXPLOITATION
9 : TAUX DE PRODUCTIVITE DE LA SNI</p> | <p>2 : SUPERFICIE CULTIVEE
4 : SUPERFICIE NON EXPLOITEE
6 : TAUX DE MISE EN VALEUR
8 : TAUX DE SINISTRE
10 : TAUX DE PRODUCTIVITE CULTURALE</p> |
|---|---|

+TYP	+HIV	1	2	3	4	5	6	7	8	9	10
I PP I 75 I		7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I PP I 76 I		79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I PP I 77 I		143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.08 I	91.44 I
I PP I 78 I		189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I PP I 79 I		189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I PP I 80 I		221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I PP I 81 I		228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I PP I 82 I		250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I PP I 83 I		280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I PP I 84 I		306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I PP I 85 I		308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I PP I 86 I		332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I PP I 87 I		306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I
I .. I 75 I		7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I .. I 76 I		79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I .. I 77 I		143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.08 I	91.44 I
I .. I 78 I		189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I .. I 79 I		189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I .. I 80 I		221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I .. I 81 I		228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I .. I 82 I		250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I .. I 83 I		280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I .. I 84 I		306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I .. I 85 I		308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I .. I 86 I		332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I .. I 87 I		306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I



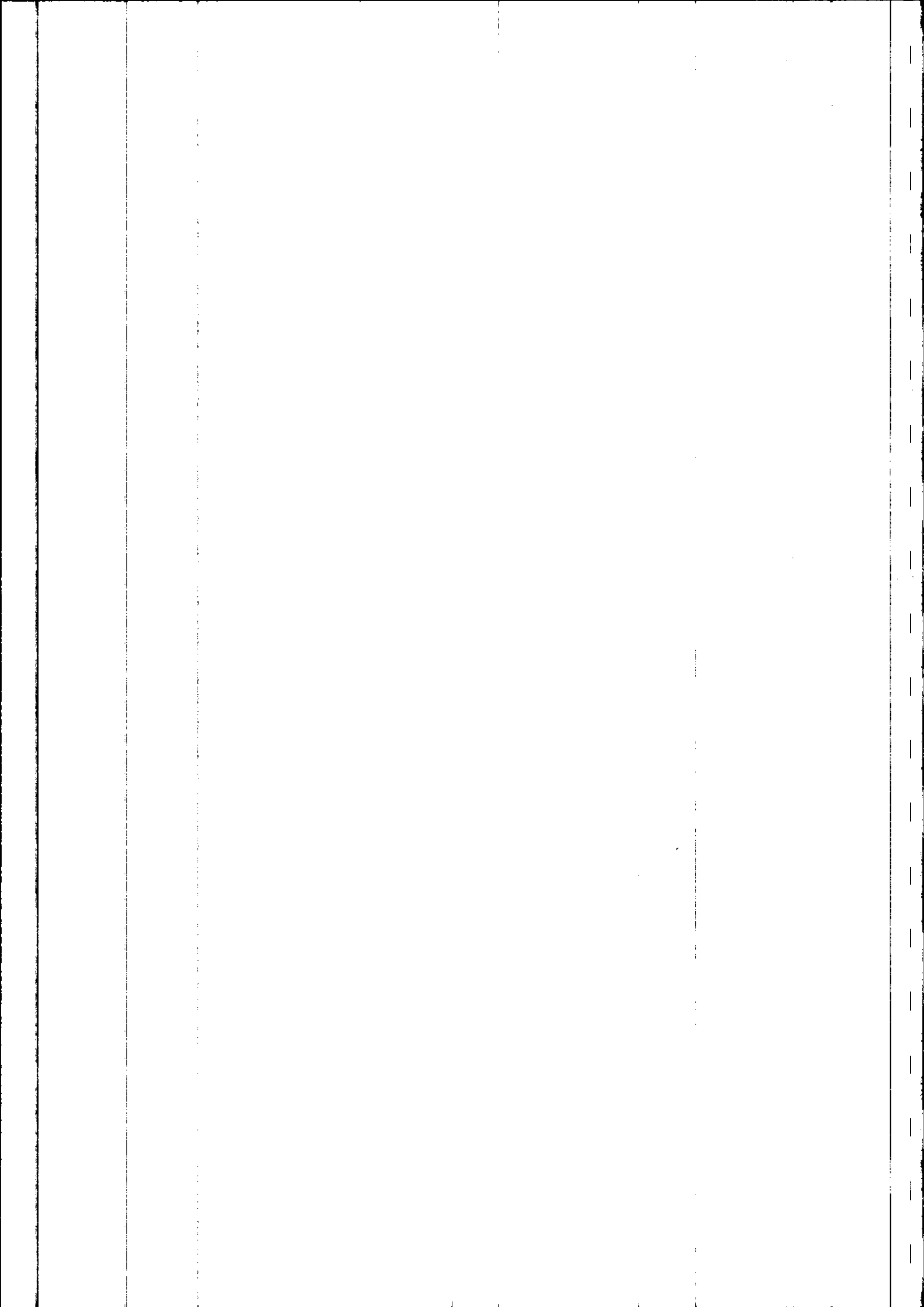
SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET PAR TYPE DE PERIMETRE

3.

Unite en Ha

MAURITANIE

1 : SNI										2 : SUPERFICIE CULTIVEE												
3 : SUPERFICIE RECOLTEE										4 : SUPERFICIE NON EXPLOITEE												
5 : SUPERFICIE SINISTREE										6 : TAUX DE MISE EN VALEUR												
7 : TAUX DE NON EXPLOITATION										8 : TAUX DE SINISTRE												
9 : TAUX DE PRODUCTIVITE DE LA SNI										10 : TAUX DE PRODUCTIVITE CULTURALE												
+TYP	#HIV	+	1	+	2	+	3	+	4	+	5	+	6	+	7	+	8	+	9	+	10	+
I BP	I 75	I	875.34	I	827.34	I	816.84	I	48.00	I	10.50	I	94.52	I	5.48	I	1.27	I	93.32	I	98.73	I
I BP	I 76	I	990.22	I	976.22	I	958.22	I	14.00	I	18.00	I	98.59	I	1.41	I	1.84	I	96.77	I	98.16	I
I BP	I 77	I	1715.75	I	1268.75	I	1238.75	I	447.00	I	30.00	I	73.95	I	26.05	I	2.36	I	72.20	I	97.64	I
I BP	I 78	I	1993.35	I	1383.75	I	1329.00	I	609.60	I	54.75	I	69.42	I	30.58	I	3.96	I	66.67	I	96.04	I
I BP	I 79	I	2177.60	I	1350.50	I	1264.35	I	927.10	I	86.15	I	62.02	I	37.98	I	6.38	I	58.06	I	93.62	I
I BP	I 80	I	2432.60	I	1872.50	I	1685.30	I	560.10	I	187.20	I	76.98	I	23.02	I	10.00	I	69.28	I	90.00	I
I BP	I 81	I	2432.60	I	1986.00	I	1122.00	I	446.60	I	864.00	I	81.64	I	18.36	I	43.50	I	46.12	I	56.50	I
I BP	I 82	I	2448.60	I	2014.00	I	2003.00	I	434.60	I	11.00	I	82.25	I	17.75	I	.55	I	81.80	I	99.45	I
I BP	I 83	I	2711.45	I	1421.82	I	1404.07	I	1289.63	I	17.75	I	52.44	I	47.56	I	1.25	I	51.78	I	98.75	I
I BP	I 84	I	2970.85	I	2011.50	I	2011.50	I	959.35	I	.00	I	67.71	I	32.29	I	.00	I	67.71	I	1100.00	I
I BP	I 85	I	2781.65	I	1906.30	I	1845.30	I	875.35	I	61.00	I	68.53	I	31.47	I	3.20	I	66.34	I	96.80	I
I BP	I 86	I	3004.85	I	2523.50	I	2509.50	I	481.35	I	14.00	I	83.98	I	16.02	I	.55	I	83.51	I	99.45	I
I BP	I 87	I	3082.35	I	2253.28	I	2245.16	I	829.07	I	8.12	I	73.10	I	26.90	I	.36	I	72.84	I	99.64	I
I PP	I 75	I	510.40	I	286.29	I	268.69	I	224.11	I	17.60	I	56.09	I	43.91	I	6.15	I	52.64	I	93.85	I
I PP	I 76	I	385.00	I	296.39	I	288.89	I	88.61	I	7.50	I	76.98	I	23.02	I	2.53	I	75.04	I	97.47	I
I PP	I 77	I	603.72	I	478.12	I	462.79	I	125.60	I	15.33	I	79.20	I	20.80	I	3.21	I	76.66	I	96.79	I
I PP	I 78	I	889.66	I	760.10	I	748.73	I	129.56	I	11.37	I	85.44	I	14.56	I	1.50	I	84.16	I	98.50	I
I PP	I 79	I	990.76	I	684.07	I	643.56	I	306.69	I	40.51	I	69.04	I	30.96	I	5.92	I	64.96	I	94.08	I
I PP	I 80	I	1833.90	I	1313.53	I	1136.01	I	520.37	I	177.52	I	71.62	I	28.38	I	13.51	I	61.95	I	86.49	I
I PP	I 81	I	2581.08	I	1572.17	I	1403.64	I	1008.91	I	168.53	I	60.91	I	39.09	I	10.72	I	54.38	I	89.28	I
I PP	I 82	I	2906.74	I	1421.82	I	1286.57	I	1484.92	I	135.25	I	48.91	I	51.09	I	9.51	I	44.26	I	90.49	I
I PP	I 83	I	3071.21	I	1363.17	I	1329.47	I	1708.04	I	33.70	I	44.39	I	55.61	I	2.47	I	43.29	I	97.53	I
I PP	I 84	I	4121.35	I	2228.88	I	2117.55	I	1892.47	I	111.33	I	54.08	I	45.92	I	4.99	I	51.38	I	95.01	I
I PP	I 85	I	4833.28	I	2828.40	I	2644.20	I	2004.88	I	184.20	I	58.52	I	41.48	I	6.51	I	54.71	I	93.49	I
I PP	I 86	I	7153.05	I	3969.94	I	3701.74	I	3183.11	I	268.20	I	55.50	I	44.50	I	6.76	I	51.75	I	93.24	I
I PP	I 87	I	10005.07	I	5779.88	I	5602.88	I	4225.19	I	177.00	I	57.77	I	42.23	I	3.06	I	56.00	I	96.94	I
I ..	I 75	I	1385.74	I	1113.63	I	1085.53	I	272.11	I	28.10	I	80.36	I	19.64	I	2.52	I	78.34	I	97.48	I
I ..	I 76	I	1375.22	I	1272.61	I	1247.11	I	102.61	I	25.50	I	92.54	I	7.46	I	2.00	I	90.68	I	98.00	I
I ..	I 77	I	2319.47	I	1746.87	I	1701.54	I	572.60	I	45.33	I	75.31	I	24.69	I	2.59	I	73.36	I	97.41	I
I ..	I 78	I	2883.01	I	2143.85	I	2077.73	I	739.16	I	66.12	I	74.36	I	25.64	I	3.08	I	72.07	I	96.92	I
I ..	I 79	I	3168.36	I	2034.57	I	1907.91	I	1133.79	I	126.66	I	64.22	I	35.78	I	6.23	I	60.22	I	93.77	I
I ..	I 80	I	4266.50	I	3186.03	I	2821.31	I	1080.47	I	364.72	I	74.68	I	25.32	I	11.45	I	66.13	I	88.55	I
I ..	I 81	I	5013.68	I	3558.17	I	2525.64	I	1455.51	I	1032.53	I	70.97	I	29.03	I	29.02	I	50.37	I	70.98	I
I ..	I 82	I	5355.34	I	3435.82	I	3289.57	I	1919.52	I	146.25	I	64.16	I	35.84	I	4.26	I	61.43	I	95.74	I
I ..	I 83	I	5782.66	I	2784.99	I	2733.54	I	2997.67	I	51.45	I	48.16	I	51.84	I	1.85	I	47.27	I	98.15	I
I ..	I 84	I	7092.20	I	4240.38	I	4129.05	I	2851.82	I	111.33	I	59.79	I	40.21	I	2.63	I	58.22	I	97.37	I
I ..	I 85	I	7614.93	I	4734.70	I	4489.50	I	2880.23	I	245.20	I	62.18	I	37.82	I	5.18	I	58.96	I	94.82	I
I ..	I 86	I	10157.90	I	6493.44	I	6211.24	I	3664.46	I	282.20	I	63.93	I	36.07	I	4.35	I	61.15	I	95.65	I
I ..	I 87	I	13087.42	I	8033.16	I	7848.04	I	5054.26	I	185.12	I	61.38	I	38.62	I	2.30	I	59.97	I	97.70	I



SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET ORGANISME DE TUTELLE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987
Unite en Ha

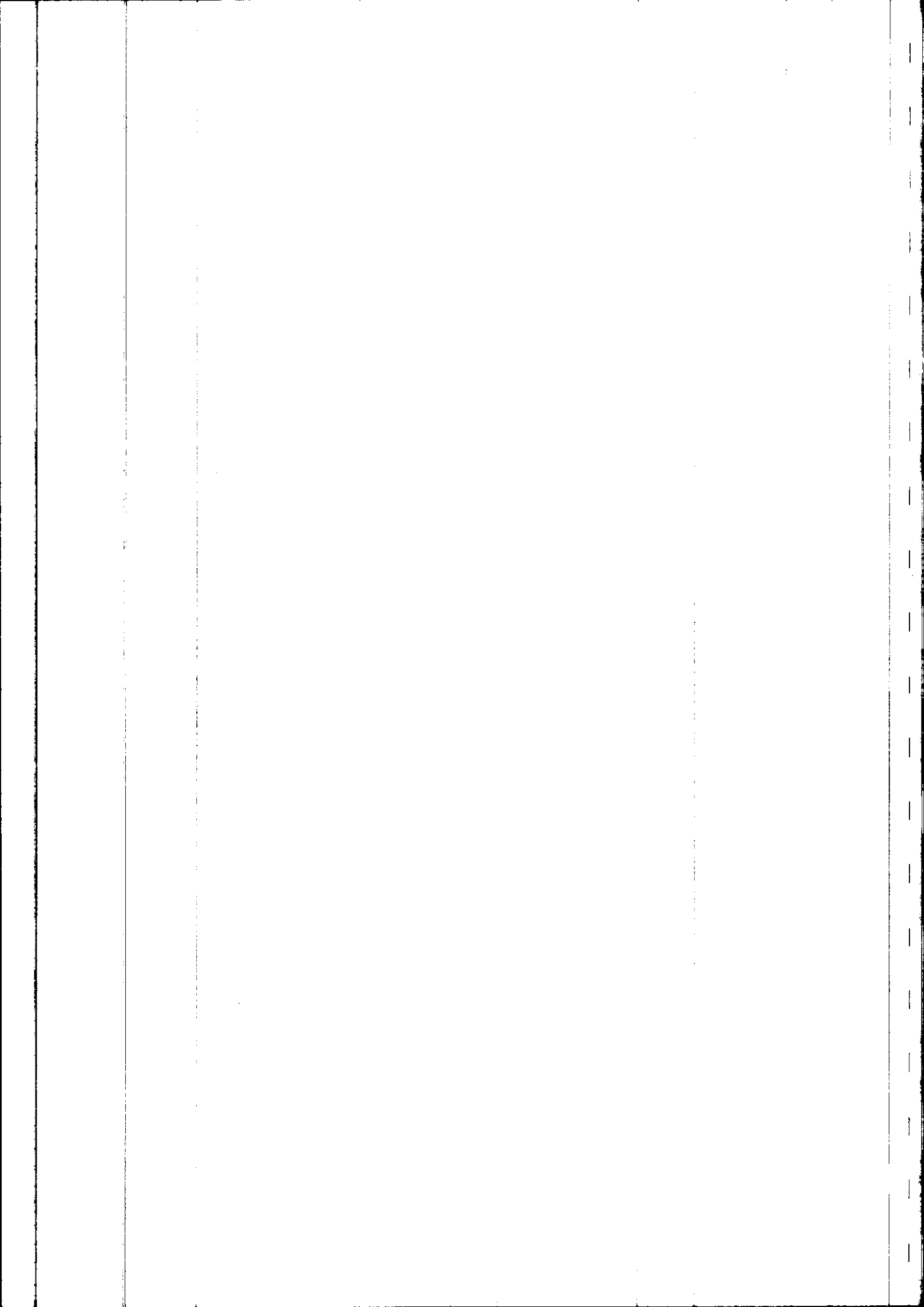
4.

MALI

1 : SNI
3 : SUPERFICIE RECOLTEE
5 : SUPERFICIE SINISTREE
7 : TAUX DE NON EXPLOITATION
9 : TAUX DE PRODUCTIVITE DE LA SNI

2 : SUPERFICIE CULTIVEE
4 : SUPERFICIE NON EXPLOITEE
6 : TAUX DE MISE EN VALEUR
8 : TAUX DE SINISTRE
10 : TAUX DE PRODUCTIVITE CULTURALE

TUTELLE	HIV	1	2	3	4	5	6	7	8	9	10
I OVSTM	I 75 I	7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I OVSTM	I 76 I	79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I OVSTM	I 77 I	143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.09 I	91.44 I
I OVSTM	I 78 I	189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I OVSTM	I 79 I	189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I OVSTM	I 80 I	221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I OVSTM	I 81 I	228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I OVSTM	I 82 I	250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I OVSTM	I 83 I	280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I OVSTM	I 84 I	306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I OVSTM	I 85 I	308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I OVSTM	I 86 I	332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I OVSTM	I 87 I	306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I
I ..	I 75 I	7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I ..	I 76 I	79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I ..	I 77 I	143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.09 I	91.44 I
I ..	I 78 I	189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I ..	I 79 I	189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I ..	I 80 I	221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I ..	I 81 I	228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I ..	I 82 I	250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I ..	I 83 I	280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I ..	I 84 I	306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I ..	I 85 I	308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I ..	I 86 I	332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I ..	I 87 I	306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I



SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET ORGANISME DE TUTELLE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987
Unité en Ha

5.

MAURITANIE

1 : SNI

3 : SUPERFICIE RECOLTEE

5 : SUPERFICIE SINISTREE

7 : TAUX DE NON EXPLOITATION

9 : TAUX DE PRODUCTIVITE DE LA SNI

2 : SUPERFICIE CULTIVEE

4 : SUPERFICIE NON EXPLOITEE

6 : TAUX DE MISE EN VALEUR

8 : TAUX DE SINISTRE

10 : TAUX DE PRODUCTIVITE CULTURALE

TUTELLE	#HIV	1	2	3	4	5	6	7	8	9	10
I SONADER	1 75	412.50	198.50	182.50	214.00	16.00	48.12	51.88	8.06	44.24	91.94
I SONADER	1 76	270.00	196.50	196.50	73.50	.00	72.78	27.22	.00	72.78	1100.00
I SONADER	1 77	1017.90	475.40	475.40	542.50	.00	46.70	53.30	.00	46.70	1100.00
I SONADER	1 78	1251.50	977.90	949.33	273.60	28.57	78.14	21.86	2.92	75.86	97.08
I SONADER	1 79	1287.90	627.40	607.40	660.50	20.00	48.71	51.29	3.19	47.16	96.81
I SONADER	1 80	1766.00	1413.04	1330.12	352.96	82.92	80.01	19.99	5.87	75.32	94.13
I SONADER	1 81	2256.98	1821.47	1153.39	435.51	668.08	80.70	19.30	36.68	51.10	63.32
I SONADER	1 82	2462.14	1670.52	1591.02	791.62	79.50	67.85	32.15	4.76	64.62	95.24
I SONADER	1 83	2849.55	1776.72	1768.72	1072.83	8.00	62.35	37.65	.45	62.07	99.55
I SONADER	1 84	3419.64	2474.77	2450.57	944.87	24.20	72.37	27.63	.98	71.66	99.02
I SONADER	1 85	4012.34	3102.62	3017.92	909.72	84.70	77.33	22.67	2.73	75.22	97.27
I SONADER	1 86	4752.95	3509.25	3450.68	1243.70	58.57	73.83	26.17	1.67	72.60	98.33
I SONADER	1 87	5256.43	4031.76	4031.76	1224.67	.00	76.70	23.30	.00	76.70	1100.00
I MPDURIE	1 75	811.34	792.34	792.34	19.00	.00	97.66	2.34	.00	97.66	1100.00
I MPDURIE	1 76	886.22	886.22	886.22	.00	.00	1100.00	.00	.00	1100.00	1100.00
I MPDURIE	1 77	991.75	991.75	991.75	.00	.00	1100.00	.00	.00	1100.00	1100.00
I MPDURIE	1 78	1213.35	923.75	889.00	289.60	34.75	76.13	23.87	3.76	73.27	96.24
I MPDURIE	1 79	1397.60	1171.00	1084.85	226.60	86.15	83.79	16.21	7.36	77.62	92.64
I MPDURIE	1 80	1652.60	1421.00	1233.80	231.60	187.20	85.99	14.01	13.17	74.66	86.83
I MPDURIE	1 81	1652.60	1386.00	1105.00	266.60	281.00	83.87	16.13	20.27	66.86	79.73
I MPDURIE	1 82	1668.60	1404.00	1393.00	264.60	11.00	84.14	15.86	.78	83.48	99.22
I MPDURIE	1 83	1668.60	623.82	606.07	1044.78	17.75	37.39	62.61	2.85	36.32	97.15
I MPDURIE	1 84	1652.00	929.00	929.00	723.00	.00	56.23	43.77	.00	56.23	1100.00
I MPDURIE	1 85	1438.00	814.00	753.00	624.00	61.00	56.61	43.39	7.49	52.36	92.51
I MPDURIE	1 86	1324.00	1071.00	1057.00	253.00	14.00	80.89	19.11	1.31	79.83	98.69
I MPDURIE	1 87	1400.00	699.28	696.16	700.72	3.12	49.95	50.05	.45	49.73	99.55
I NON GOUVERN	1 81	35.00	35.00	35.00	.00	.00	1100.00	.00	.00	1100.00	1100.00
I NON GOUVERN	1 82	47.60	47.60	47.60	.00	.00	1100.00	.00	.00	1100.00	1100.00
I NON GOUVERN	1 83	62.31	60.05	60.05	2.26	.00	96.37	3.63	.00	96.37	1100.00
I NON GOUVERN	1 84	81.60	81.60	81.60	.00	.00	1100.00	.00	.00	1100.00	1100.00
I NON GOUVERN	1 85	169.10	138.00	100.00	31.10	38.00	81.61	18.39	27.54	59.14	72.46
I NON GOUVERN	1 86	306.50	238.50	225.00	68.00	13.50	77.81	22.19	5.66	73.41	94.34
I NON GOUVERN	1 87	242.00	136.10	136.10	105.90	.00	56.24	43.76	.00	56.24	1100.00
I NON ENCAD	1 75	4.80	4.80	3.20	.00	1.60	1100.00	.00	33.33	66.67	66.67
I NON ENCAD	1 76	16.90	16.90	9.40	.00	7.50	1100.00	.00	44.38	55.62	55.62
I NON ENCAD	1 77	35.72	34.73	23.40	.99	11.33	97.23	2.77	32.62	65.51	67.38
I NON ENCAD	1 78	64.06	56.21	55.41	7.85	.80	87.75	12.25	1.42	86.50	98.58
I NON ENCAD	1 79	78.76	40.68	38.17	38.08	2.51	51.65	48.35	6.17	48.46	93.83
I NON ENCAD	1 80	204.80	155.50	122.40	49.30	33.10	75.93	24.07	21.29	59.77	78.71
I NON ENCAD	1 81	279.00	201.20	142.00	77.80	59.20	72.11	27.89	29.42	50.90	70.58
I NON ENCAD	1 82	312.40	187.50	144.15	124.90	43.35	60.02	39.98	23.12	46.14	76.88
I NON ENCAD	1 83	333.10	233.90	212.40	99.20	21.50	70.22	29.78	9.19	63.76	90.81
I NON ENCAD	1 84	989.47	661.66	584.53	327.81	77.13	66.87	33.13	11.66	59.08	88.34
I NON ENCAD	1 85	1179.05	582.68	559.18	596.37	23.50	49.42	50.58	4.03	47.43	95.97
I NON ENCAD	1 86	2010.57	1185.09	995.46	825.48	189.63	58.94	41.06	16.00	49.51	24.00
I NON ENCAD	1 87	2380.47	1171.42	1059.42	1209.05	112.00	49.21	50.79	9.56	44.50	90.44
I PRIVE	1 75	157.10	117.99	107.49	39.11	10.50	75.11	24.89	8.90	68.42	91.10
I PRIVE	1 76	202.10	172.99	154.99	29.11	18.00	85.60	14.40	10.41	76.69	89.59
I PRIVE	1 77	274.10	244.99	210.99	29.11	34.00	89.38	10.62	13.88	76.98	86.12
I PRIVE	1 78	354.10	185.99	183.99	168.11	2.00	52.52	47.48	1.08	51.96	98.92

SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET ORGANISME DE TUTELLE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987
Unite en Ha

6.

MAURITANIE

1 : SNI
3 : SUPERFICIE RECOLTEE
5 : SUPERFICIE SINISTREE
7 : TAUX DE NON EXPLOITATION
9 : TAUX DE PRODUCTIVITE DE LA SNI
2 : SUPERFICIE CULTIVEE
4 : SUPERFICIE NON EXPLOITEE
6 : TAUX DE MISE EN VALEUR
8 : TAUX DE SINISTRE
10 : TAUX DE PRODUCTIVITE CULTURALE

	TUTELLE	HIV	1	2	3	4	5	6	7	8	9	10
I PRIVE	I 79	I 404.10	I 195.49	I 177.49	I 208.61	I 18.00	I 48.38	I 51.62	I 9.21	I 43.92	I 90.79	I
I PRIVE	I 80	I 643.10	I 196.49	I 134.99	I 446.61	I 61.50	I 30.55	I 69.45	I 31.30	I 20.99	I 68.70	I
I PRIVE	I 81	I 790.10	I 114.50	I 90.25	I 675.60	I 24.25	I 14.49	I 85.51	I 21.18	I 11.42	I 78.82	I
I PRIVE	I 82	I 864.60	I 126.20	I 113.80	I 738.40	I 12.40	I 14.60	I 85.40	I 9.83	I 13.16	I 90.17	I
I PRIVE	I 83	I 869.10	I 90.50	I 86.30	I 778.60	I 4.20	I 10.41	I 89.59	I 4.64	I 9.93	I 95.36	I
I PRIVE	I 84	I 949.49	I 93.35	I 83.35	I 856.14	I 10.00	I 9.83	I 90.17	I 10.71	I 8.78	I 89.29	I
I PRIVE	I 85	I 816.44	I 97.40	I 59.40	I 719.04	I 38.00	I 11.93	I 88.07	I 39.01	I 7.29	I 60.99	I
I PRIVE	I 86	I 1763.88	I 489.60	I 483.40	I 1274.28	I 6.50	I 27.76	I 72.24	I 1.33	I 27.39	I 98.67	I
I PRIVE	I 87	I 3808.52	I 1994.60	I 1924.60	I 1813.92	I 70.00	I 52.37	I 47.63	I 3.51	I 50.53	I 96.49	I
I ..	I 75	I 1385.74	I 1113.63	I 1085.53	I 272.11	I 28.10	I 80.36	I 19.64	I 2.52	I 78.34	I 97.48	I
I ..	I 76	I 1375.22	I 1272.61	I 1247.11	I 102.61	I 25.50	I 92.54	I 7.46	I 2.00	I 90.68	I 98.00	I
I ..	I 77	I 2319.47	I 1746.87	I 1701.54	I 572.60	I 45.33	I 75.31	I 24.69	I 2.59	I 73.36	I 97.41	I
I ..	I 78	I 2883.01	I 2143.85	I 2077.73	I 739.16	I 66.12	I 74.36	I 25.64	I 3.08	I 72.07	I 96.92	I
I ..	I 79	I 3168.36	I 2034.57	I 1907.91	I 1133.79	I 126.66	I 64.22	I 35.78	I 6.23	I 60.22	I 93.77	I
I ..	I 80	I 4266.50	I 3186.03	I 2821.31	I 1080.47	I 364.72	I 74.68	I 25.32	I 11.45	I 66.13	I 88.55	I
I ..	I 81	I 5013.68	I 3558.17	I 2525.64	I 1455.51	I 1032.53	I 70.97	I 29.03	I 29.02	I 50.37	I 70.98	I
I ..	I 82	I 5355.34	I 3435.82	I 3289.57	I 1919.52	I 146.25	I 64.16	I 35.84	I 4.26	I 61.43	I 95.74	I
I ..	I 83	I 5782.66	I 2784.99	I 2733.54	I 2997.67	I 51.45	I 48.16	I 51.84	I 1.85	I 47.27	I 98.15	I
I ..	I 84	I 7092.20	I 4240.38	I 4129.05	I 2851.82	I 111.33	I 59.79	I 40.21	I 2.63	I 58.22	I 97.37	I
I ..	I 85	I 7614.93	I 4734.70	I 4489.50	I 2880.23	I 245.20	I 62.18	I 37.82	I 5.18	I 58.96	I 94.82	I
I ..	I 86	I 10157.90	I 6493.44	I 6211.24	I 3664.46	I 282.20	I 63.93	I 36.07	I 4.35	I 61.15	I 95.65	I
I ..	I 87	I 13087.42	I 8033.16	I 7848.04	I 5054.26	I 185.12	I 61.38	I 38.62	I 2.30	I 59.97	I 97.70	I

SITUATION DES SUPERFICIES DES PERIMETRES
PAR PAYS ET ORGANISME DE TUTELLE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987
Unité en Ha

7.

SENEGAL

1 : SNI
2 : SUPERFICIE CULTIVEE
3 : SUPERFICIE RECOLTEE
4 : SUPERFICIE NON EXPLOITEE
5 : SUPERFICIE SINISTREE
6 : TAUX DE MISE EN VALEUR
7 : TAUX DE NON EXPLOITATION
8 : TAUX DE SINISTRE
9 : TAUX DE PRODUCTIVITE DE LA SNI
10 : TAUX DE PRODUCTIVITE CULTURALE

TUTELLE	HIV	1	2	3	4	5	6	7	8	9	10
I SAED	1 75	5230.75	2937.86	2198.09	2292.89	739.77	56.17	43.83	25.18	42.02	74.82
I SAED	1 76	7717.46	5675.79	4969.38	2041.67	706.41	73.54	26.46	12.45	64.39	87.55
I SAED	1 77	8610.77	6116.21	4032.80	2494.56	2083.41	71.03	28.97	34.06	46.83	65.94
I SAED	1 78	10286.14	8080.29	7039.21	2205.85	1041.08	78.56	21.44	12.98	68.43	87.12
I SAED	1 79	11681.98	8316.99	7168.76	3364.99	1148.23	71.20	28.80	13.81	61.37	86.19
I SAED	1 80	13421.89	9663.17	7194.04	3758.72	2469.13	72.00	28.00	25.55	53.60	74.45
I SAED	1 81	15219.18	9182.88	7476.40	6036.30	1706.48	60.34	39.66	18.58	49.12	81.42
I SAED	1 82	16644.84	10494.63	9383.37	6150.21	1111.26	63.05	36.95	10.59	56.37	89.41
I SAED	1 83	18735.76	13899.87	12856.29	4835.89	1049.58	74.19	25.81	7.55	68.59	92.45
I SAED	1 84	20549.48	15123.58	13753.65	5425.90	1369.93	73.60	26.40	9.06	66.93	90.94
I SAED	1 85	22083.00	14878.44	14505.66	7204.56	372.78	67.38	32.62	2.51	65.69	97.49
I SAED	1 86	25811.69	15334.69	14830.25	10477.00	504.44	59.41	40.59	3.29	57.46	96.71
I SAED	1 87	26290.99	12194.50	12157.27	14096.49	37.23	46.38	53.62	.31	46.24	99.69
I NON ENCAD	1 75	300.00	300.00	150.00	.00	150.00	100.00	.00	50.00	50.00	50.00
I NON ENCAD	1 76	406.00	304.00	269.20	102.00	34.80	74.88	25.12	11.45	66.31	88.55
I NON ENCAD	1 77	506.79	506.79	353.39	.00	153.40	100.00	.00	30.27	69.73	69.73
I NON ENCAD	1 78	574.73	397.73	248.13	177.00	149.60	69.20	30.80	37.61	43.17	62.39
I NON ENCAD	1 79	653.24	421.24	353.03	232.00	68.21	64.48	35.52	16.19	54.04	83.81
I NON ENCAD	1 80	777.24	485.31	326.31	291.93	159.00	62.44	37.56	32.76	41.98	67.24
I NON ENCAD	1 81	818.55	485.46	195.00	333.09	290.46	59.31	40.69	59.83	23.82	40.17
I NON ENCAD	1 82	886.51	535.01	423.86	351.50	111.15	60.35	39.65	20.78	47.81	79.22
I NON ENCAD	1 83	1240.03	881.52	770.69	358.51	110.83	71.09	28.91	12.57	62.15	87.43
I NON ENCAD	1 84	1335.16	1058.59	810.09	276.57	248.50	79.29	20.71	23.47	60.67	76.53
I NON ENCAD	1 85	1496.41	1193.36	1168.36	303.05	25.00	79.75	20.25	2.09	78.08	97.91
I NON ENCAD	1 86	1623.61	1080.26	903.46	543.35	176.80	66.53	33.47	16.37	55.65	83.63
I NON ENCAD	1 87	2212.11	1412.00	1395.50	800.11	16.50	63.83	36.17	1.17	63.08	98.83
I PRIVE	1 77	5.00	2.50	2.50	2.50	.00	50.00	50.00	.00	50.00	100.00
I PRIVE	1 78	10.00	6.00	6.00	4.00	.00	60.00	40.00	.00	60.00	100.00
I PRIVE	1 79	15.45	9.45	8.45	6.00	1.00	61.17	38.83	10.58	54.69	89.42
I PRIVE	1 80	39.50	16.46	14.96	23.04	1.50	41.67	58.33	9.11	37.87	90.89
I PRIVE	1 81	87.66	34.26	28.23	53.40	6.03	39.08	60.92	17.60	32.20	82.40
I PRIVE	1 82	99.56	16.60	7.31	82.96	9.29	16.67	83.33	55.96	7.34	44.04
I PRIVE	1 83	176.03	33.10	30.45	142.93	2.65	18.80	81.20	8.01	17.30	91.99
I PRIVE	1 84	199.62	36.89	34.89	162.73	2.00	18.48	81.52	5.42	17.48	94.58
I PRIVE	1 85	203.77	33.00	31.00	170.77	2.00	16.19	83.81	6.06	15.21	93.94
I PRIVE	1 86	385.79	164.02	141.52	221.77	22.50	42.52	57.48	13.72	36.68	86.28
I PRIVE	1 87	620.77	249.00	185.80	371.77	63.20	40.11	59.89	25.38	29.93	74.62
I ..	1 75	5530.75	3237.86	2348.09	2292.89	889.77	58.54	41.46	27.48	42.46	72.52
I ..	1 76	8123.46	5979.79	5238.58	2143.67	741.21	73.61	26.39	12.40	64.49	97.60
I ..	1 77	9122.56	6625.50	4388.69	2497.06	2236.81	72.63	27.37	33.76	48.11	66.24
I ..	1 78	10870.87	8484.02	7293.34	2386.85	1190.68	78.04	21.96	14.03	67.09	85.97
I ..	1 79	12350.67	8747.68	7530.24	3602.99	1217.44	70.83	29.17	13.92	60.97	86.08
I ..	1 80	14238.63	10164.94	7535.31	4073.69	2629.63	71.39	28.61	25.87	52.92	74.13
I ..	1 81	16125.39	9702.60	7699.63	6422.79	2002.97	60.17	39.83	20.64	47.75	79.36
I ..	1 82	17630.91	11046.24	9814.54	6584.67	1231.70	62.65	37.35	11.15	55.67	88.85
I ..	1 83	20151.82	14814.49	13651.43	5337.33	1163.06	73.51	26.49	7.85	67.74	92.15
I ..	1 84	22084.26	16219.06	14598.63	5865.20	1620.43	73.44	26.56	9.99	66.10	90.01
I ..	1 85	23783.18	16104.80	15705.02	7678.38	399.78	67.72	32.28	2.48	66.03	97.52
I ..	1 86	27821.09	16578.97	15875.23	11242.12	703.74	59.59	40.41	4.24	57.06	95.76
I ..	1 87	29123.87	13855.50	13738.57	15268.37	116.93	47.57	52.43	.84	47.17	99.16

8.

DELTA

2 : SUPERFICIE CULTIVÉE

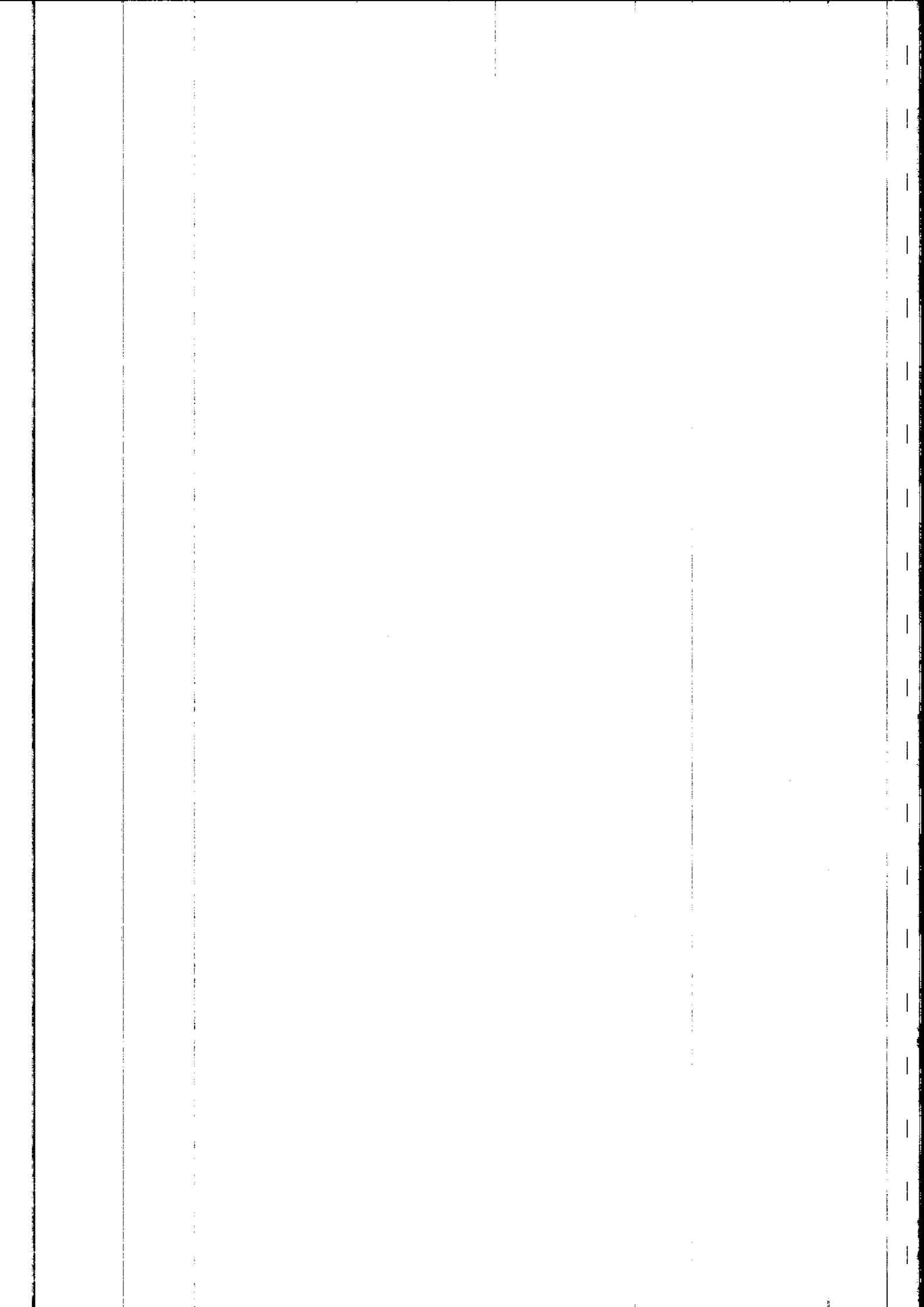
4 : SUPERFICIE NON EXPLOITEE

6 : TAUX DE MISE EN VALEUR

8 : TAUX DE SINISTRE

10 : TAUX DE PRODUCTIVITE CULTURALE

+TYP		#HIV	+	1	+	2	+	3	+	4	+	5	+	6	+	7	+	8	+	9	+	10	+
I	---	I	---	I	---	I	---	I	---	I	---	I	---	I	---	I	---	I	---	I	---	I	---
I	GP	I	75	I	3570.02	I	2767.14	I	2105.49	I	802.88	I	661.65	I	77.51	I	22.49	I	23.91	I	58.98	I	76.09
I	GP	I	76	I	5147.89	I	4519.43	I	3823.52	I	628.46	I	695.91	I	87.79	I	12.21	I	15.40	I	74.27	I	84.60
I	GP	I	77	I	5524.47	I	4464.84	I	2903.16	I	1059.63	I	1561.68	I	80.82	I	19.18	I	34.98	I	52.55	I	65.02
I	GP	I	78	I	6645.10	I	5677.64	I	4801.75	I	967.46	I	875.89	I	85.44	I	14.56	I	15.43	I	72.26	I	84.57
I	GP	I	79	I	7027.41	I	5287.17	I	4316.36	I	1740.24	I	970.81	I	75.24	I	24.76	I	18.36	I	61.42	I	81.64
I	GP	I	80	I	7546.64	I	5650.80	I	3820.86	I	1895.84	I	1829.94	I	74.88	I	25.12	I	32.38	I	50.63	I	67.62
I	GP	I	81	I	7670.48	I	4930.66	I	3601.01	I	2739.82	I	1329.65	I	64.28	I	35.72	I	26.97	I	46.95	I	73.03
I	GP	I	82	I	7704.48	I	5125.68	I	4683.50	I	2578.80	I	442.18	I	66.53	I	33.47	I	8.63	I	60.79	I	91.37
I	GP	I	83	I	8444.48	I	5496.67	I	4931.22	I	2947.81	I	565.45	I	65.09	I	34.91	I	10.29	I	58.40	I	89.71
I	GP	I	84	I	8695.88	I	5898.20	I	5031.79	I	2797.68	I	866.41	I	67.83	I	32.17	I	14.69	I	57.86	I	85.31
I	GP	I	85	I	8519.43	I	5488.55	I	5427.55	I	3030.88	I	61.00	I	64.42	I	35.58	I	1.11	I	63.71	I	98.89
I	GP	I	86	I	8672.35	I	6043.97	I	5745.43	I	2628.38	I	298.54	I	69.69	I	30.31	I	4.94	I	66.25	I	95.06
I	GP	I	87	I	8748.35	I	4240.73	I	4237.61	I	4507.62	I	3.12	I	48.47	I	51.53	I	.07	I	48.44	I	99.93
I	MP	I	80	I	536.16	I	515.59	I	497.92	I	20.57	I	17.67	I	96.16	I	3.84	I	3.43	I	92.87	I	96.57
I	MP	I	81	I	1371.62	I	1370.78	I	1232.75	I	.84	I	138.03	I	99.94	I	.06	I	10.07	I	89.88	I	89.93
I	MP	I	82	I	2118.64	I	1567.81	I	1389.96	I	550.83	I	177.85	I	74.00	I	26.00	I	11.34	I	65.61	I	88.66
I	MP	I	83	I	2019.20	I	1746.36	I	1699.76	I	272.84	I	46.60	I	86.49	I	13.51	I	2.67	I	84.18	I	97.33
I	MP	I	84	I	2094.55	I	1801.68	I	1718.74	I	292.87	I	82.94	I	86.02	I	13.98	I	4.60	I	82.06	I	95.40
I	MP	I	85	I	2094.55	I	1644.91	I	1644.91	I	449.64	I	.00	I	78.53	I	21.47	I	.00	I	78.53	I	1100.00
I	MP	I	86	I	2077.13	I	1591.82	I	1591.82	I	485.31	I	.00	I	76.64	I	23.36	I	.00	I	76.64	I	1100.00
I	MP	I	87	I	2078.53	I	806.29	I	806.29	I	1272.24	I	.00	I	38.79	I	61.21	I	.00	I	38.79	I	1100.00
I	PP	I	75	I	482.80	I	464.80	I	309.20	I	18.00	I	155.60	I	96.27	I	3.73	I	33.48	I	64.04	I	66.52
I	PP	I	76	I	761.40	I	626.40	I	581.60	I	135.00	I	44.80	I	82.27	I	17.73	I	7.15	I	76.39	I	92.85
I	PP	I	77	I	967.92	I	910.92	I	638.19	I	57.00	I	272.73	I	94.11	I	5.89	I	29.94	I	65.93	I	70.06
I	PP	I	78	I	1092.24	I	794.74	I	616.14	I	297.50	I	178.60	I	72.76	I	27.24	I	22.47	I	56.41	I	77.53
I	PP	I	79	I	1292.46	I	804.62	I	711.86	I	487.84	I	92.76	I	62.25	I	37.75	I	11.53	I	55.08	I	88.47
I	PP	I	80	I	1828.60	I	1129.82	I	816.32	I	698.78	I	313.50	I	61.79	I	38.21	I	27.75	I	44.64	I	72.25
I	PP	I	81	I	2346.85	I	1122.07	I	737.20	I	1224.78	I	384.87	I	47.81	I	52.19	I	34.30	I	31.41	I	65.70
I	PP	I	82	I	2328.77	I	1148.21	I	980.58	I	1180.56	I	167.63	I	49.31	I	50.69	I	14.60	I	42.11	I	85.40
I	PP	I	83	I	2879.00	I	1637.61	I	1454.85	I	1241.39	I	182.76	I	56.88	I	43.12	I	11.16	I	50.53	I	88.84
I	PP	I	84	I	3610.30	I	2145.93	I	1785.01	I	1464.37	I	360.92	I	59.44	I	40.56	I	16.82	I	49.44	I	83.18
I	PP	I	85	I	3978.53	I	2544.52	I	2384.02	I	1434.01	I	160.50	I	63.96	I	36.04	I	6.31	I	59.92	I	93.69
I	PP	I	86	I	5674.57	I	3346.37	I	2962.94	I	2328.20	I	383.43	I	58.97	I	41.03	I	11.46	I	52.21	I	88.54
I	PP	I	87	I	9139.63	I	5223.29	I	4997.79	I	3916.34	I	225.50	I	57.15	I	42.85	I	4.32	I	54.68	I	95.68
I	..	I	75	I	4052.82	I	3231.94	I	2414.69	I	820.88	I	817.25	I	79.75	I	20.25	I	25.29	I	59.58	I	74.71
I	..	I	76	I	5909.29	I	5145.83	I	4405.12	I	763.46	I	740.71	I	87.08	I	12.92	I	14.39	I	74.55	I	85.61
I	..	I	77	I	6492.39	I	5375.76	I	3541.35	I	1116.63	I	1834.41	I	82.80	I	17.20	I	34.12	I	54.55	I	65.88
I	..	I	78	I	7737.34	I	6472.38	I	5417.89	I	1264.96	I	1054.49	I	83.65	I	16.35	I	16.29	I	70.02	I	83.71
I	..	I	79	I	8319.87	I	6091.79	I	5028.22	I	2228.08	I	1063.57	I	73.22	I	26.78	I	17.46	I	60.44	I	82.54
I	..	I	80	I	9911.40	I	7296.21	I	5135.10	I	2615.19	I	2161.11	I	73.61	I	26.39	I	29.62	I	51.81	I	70.38
I	..	I	81	I	11388.95	I	7423.51	I	5570.96	I	3965.44	I	1852.55	I	65.18	I	34.82	I	24.96	I	48.92	I	75.04
I	..	I	82	I	12151.89	I	7841.70	I	7054.04	I	4310.19	I	787.66	I	64.53	I	35.47	I	10.04	I	58.05	I	89.96
I	..	I	83	I	13342.68	I	8880.64	I	8085.83	I	4462.04	I	794.81	I	66.56	I	33.44	I	8.95	I	60.60	I	91.05
I	..	I	84	I	14400.73	I	9845.81	I	8535.54	I	4554.92	I	1310.27	I	68.37	I	31.63	I	13.31	I	59.27	I	86.69
I	..	I	85	I	14592.51	I	9677.98	I	9456.48	I	4914.53	I	221.50	I	66.32	I	33.68	I	2.29	I	64.80	I	97.71
I	..	I	86	I	16424.05	I	10982.16	I	10300.19	I	5441.89	I	681.97	I	66.87	I	33.13	I	6.21	I	62.71	I	93.79
I	..	I	87	I	19966.51	I	10270.31	I	10041.69	I	9696.20	I	228.62	I	51.44	I	48.56	I	2.23	I	50.29	I	97.77



SITUATION DES SUPERFICIES DES PERIMETRES
PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987

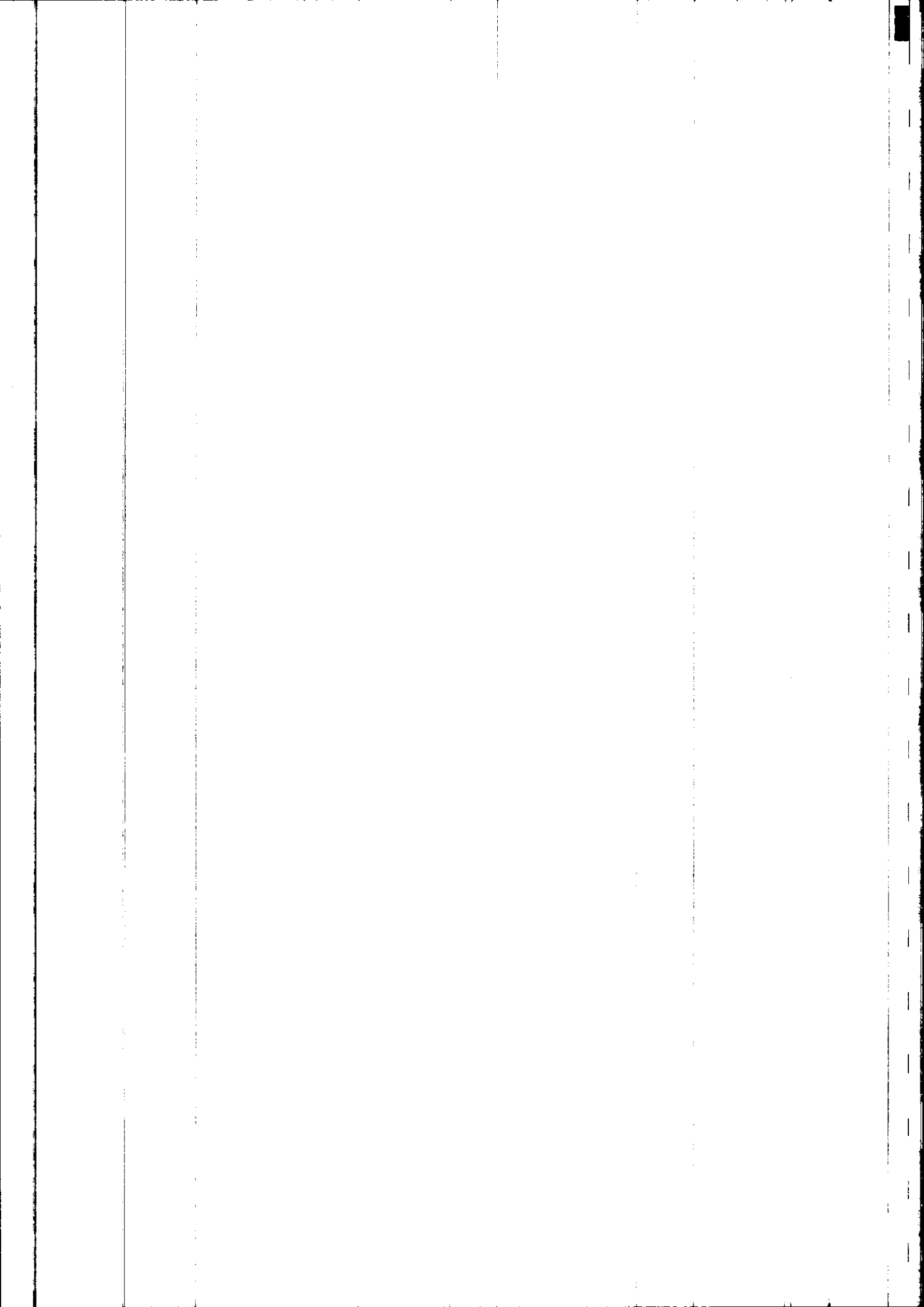
9.

Unité en Ha

BASSE VALLEE

- | | |
|------------------------------------|-------------------------------------|
| 1 : SNI | 2 : SUPERFICIE CULTIVEE |
| 3 : SUPERFICIE RECOLTEE | 4 : SUPERFICIE NON EXPLOITEE |
| 5 : SUPERFICIE SINISTREE | 6 : TAUX DE MISE EN VALEUR |
| 7 : TAUX DE NON EXPLOITATION | 8 : TAUX DE SINISTRE |
| 9 : TAUX DE PRODUCTIVITE DE LA SNI | 10 : TAUX DE PRODUCTIVITE CULTURALE |

+TYP	+HIV	1	2	3	4	5	6	7	8	9	10	
I	BP	I 75	I 1888.00	I 550.00	I 539.50	I 1338.00	I 10.50	I 29.13	I 70.87	I 1.91	I 28.58	I 98.09
I	BP	I 76	I 1928.00	I 798.00	I 780.00	I 1130.00	I 18.00	I 41.39	I 58.61	I 2.26	I 40.46	I 97.74
I	BP	I 77	I 1968.00	I 1021.81	I 622.63	I 946.19	I 399.18	I 51.92	I 48.08	I 39.07	I 31.64	I 60.93
I	BP	I 78	I 2024.00	I 1105.00	I 1042.00	I 919.00	I 63.00	I 54.59	I 45.41	I 5.70	I 51.48	I 94.30
I	BP	I 79	I 2024.00	I 1081.68	I 949.60	I 942.32	I 132.08	I 53.44	I 46.56	I 12.21	I 46.92	I 87.79
I	BP	I 80	I 2024.00	I 1173.00	I 843.00	I 851.00	I 330.00	I 57.95	I 42.05	I 28.13	I 41.65	I 71.87
I	BP	I 81	I 2024.00	I 704.30	I 419.43	I 1319.70	I 284.87	I 34.80	I 65.20	I 40.45	I 20.72	I 59.55
I	BP	I 82	I 2024.00	I 1061.76	I 988.56	I 962.24	I 73.20	I 52.46	I 47.54	I 6.89	I 48.84	I 93.11
I	BP	I 83	I 2025.00	I 1420.00	I 1320.64	I 605.00	I 99.36	I 70.12	I 29.88	I 7.00	I 65.22	I 93.00
I	BP	I 84	I 2073.35	I 1367.94	I 1229.72	I 705.41	I 138.22	I 65.98	I 34.02	I 10.10	I 59.31	I 89.90
I	BP	I 85	I 2073.35	I 1508.98	I 1298.90	I 564.37	I 210.08	I 72.78	I 27.22	I 13.92	I 62.65	I 86.08
I	BP	I 86	I 2173.35	I 635.66	I 635.66	I 1537.69	I .00	I 29.25	I 70.75	I .00	I 29.25	I 100.00
I	BP	I 87	I 2173.35	I 411.92	I 406.92	I 1761.43	I 5.00	I 18.95	I 81.05	I 1.21	I 18.72	I 98.79
I	MP	I 76	I 100.00	I 100.00	I 100.00	I .00	I .00	I 100.00	I .00	I .00	I 100.00	I 100.00
I	MP	I 77	I 100.00	I 93.30	I 73.21	I 6.70	I 20.09	I 93.30	I 6.70	I 21.53	I 73.21	I 78.47
I	MP	I 78	I 100.00	I 93.30	I 93.30	I 6.70	I .00	I 93.30	I 6.70	I .00	I 93.30	I 100.00
I	MP	I 79	I 100.00	I 93.30	I 92.00	I 6.70	I 1.30	I 93.30	I 6.70	I 1.39	I 92.00	I 98.61
I	MP	I 80	I 300.00	I 282.07	I 255.65	I 17.93	I 26.42	I 94.02	I 5.98	I 9.37	I 85.22	I 90.63
I	MP	I 81	I 336.23	I 319.44	I 284.77	I 16.79	I 34.67	I 95.01	I 4.99	I 10.85	I 84.69	I 89.15
I	MP	I 82	I 624.52	I 605.23	I 567.80	I 19.29	I 37.43	I 96.91	I 3.09	I 6.18	I 90.92	I 93.82
I	MP	I 83	I 434.39	I 423.44	I 410.44	I 10.95	I 13.00	I 97.48	I 2.52	I 3.07	I 94.49	I 96.93
I	MP	I 84	I 434.39	I 363.17	I 334.13	I 71.22	I 29.04	I 83.60	I 16.40	I 8.00	I 76.92	I 92.00
I	MP	I 85	I 447.71	I 275.00	I 275.00	I 172.71	I .00	I 61.42	I 38.58	I .00	I 61.42	I 100.00
I	MP	I 86	I 347.71	I 229.04	I 229.04	I 118.67	I .00	I 65.87	I 34.13	I .00	I 65.87	I 100.00
I	MP	I 87	I 347.71	I 85.45	I 85.45	I 262.26	I .00	I 24.58	I 75.42	I .00	I 24.58	I 100.00
I	PP	I 75	I 28.10	I 17.99	I 17.99	I 10.11	I .00	I 64.02	I 35.98	I .00	I 64.02	I 100.00
I	PP	I 76	I 67.20	I 30.49	I 28.99	I 36.71	I 1.50	I 45.37	I 54.63	I 4.92	I 43.14	I 95.08
I	PP	I 77	I 106.69	I 66.49	I 62.99	I 40.20	I 3.50	I 62.32	I 37.68	I 5.26	I 59.04	I 94.74
I	PP	I 78	I 162.55	I 115.99	I 112.19	I 46.56	I 3.80	I 71.36	I 28.64	I 3.28	I 69.02	I 96.72
I	PP	I 79	I 174.75	I 112.69	I 110.18	I 62.06	I 2.51	I 64.49	I 35.51	I 2.23	I 63.05	I 97.77
I	PP	I 80	I 322.10	I 214.24	I 199.14	I 107.86	I 15.10	I 66.51	I 33.49	I 7.05	I 61.83	I 92.95
I	PP	I 81	I 509.86	I 283.61	I 223.05	I 226.25	I 60.56	I 55.63	I 44.37	I 21.35	I 43.75	I 78.65
I	PP	I 82	I 668.46	I 472.90	I 398.48	I 195.56	I 74.42	I 70.74	I 29.26	I 15.74	I 59.61	I 84.26
I	PP	I 83	I 841.12	I 536.30	I 525.60	I 304.82	I 10.70	I 63.76	I 36.24	I 2.00	I 62.49	I 98.00
I	PP	I 84	I 1087.93	I 628.21	I 616.08	I 459.72	I 12.13	I 57.74	I 42.26	I 1.93	I 56.63	I 98.07
I	PP	I 85	I 1419.34	I 813.40	I 789.70	I 605.94	I 23.70	I 57.31	I 42.69	I 2.91	I 55.64	I 97.09
I	PP	I 86	I 2842.53	I 1635.84	I 1617.34	I 1206.69	I 18.50	I 57.55	I 42.45	I 1.13	I 56.90	I 98.87
I	PP	I 87	I 2587.01	I 1286.10	I 1257.90	I 1300.91	I 28.20	I 49.71	I 50.29	I 2.19	I 48.62	I 97.81
I	..	I 75	I 1916.10	I 567.99	I 557.49	I 1348.11	I 10.50	I 29.64	I 70.36	I 1.85	I 29.10	I 98.15
I	..	I 76	I 2095.20	I 928.49	I 908.99	I 1166.71	I 19.50	I 44.32	I 55.68	I 2.10	I 43.38	I 97.90
I	..	I 77	I 2174.69	I 1181.60	I 758.83	I 993.09	I 422.77	I 54.33	I 45.67	I 35.78	I 34.89	I 64.22
I	..	I 78	I 2286.55	I 1314.29	I 1247.49	I 972.26	I 66.80	I 57.48	I 42.52	I 5.08	I 54.56	I 94.92
I	..	I 79	I 2298.75	I 1287.67	I 1151.78	I 1011.08	I 135.89	I 56.02	I 43.98	I 10.55	I 50.10	I 89.45
I	..	I 80	I 2646.10	I 1669.31	I 1297.79	I 976.79	I 371.52	I 63.09	I 36.91	I 22.26	I 49.05	I 77.74
I	..	I 81	I 2870.09	I 1307.35	I 927.25	I 1562.74	I 380.10	I 45.55	I 54.45	I 29.07	I 32.31	I 70.93
I	..	I 82	I 3316.98	I 2139.89	I 1954.84	I 1177.09	I 185.05	I 64.51	I 35.49	I 8.65	I 58.93	I 91.35
I	..	I 83	I 3300.51	I 2379.74	I 2256.68	I 920.77	I 123.06	I 72.10	I 27.90	I 5.17	I 68.37	I 94.83
I	..	I 84	I 3595.67	I 2359.32	I 2179.93	I 1236.35	I 179.39	I 65.62	I 34.38	I 7.60	I 60.63	I 92.40
I	..	I 85	I 3940.40	I 2597.38	I 2363.60	I 1343.02	I 233.78	I 65.92	I 34.08	I 9.00	I 59.98	I 91.00
I	..	I 86	I 5363.59	I 2500.54	I 2482.04	I 2863.05	I 18.50	I 46.62	I 53.38	I .74	I 46.28	I 99.26
I	..	I 87	I 5108.07	I 1783.47	I 1750.27	I 3324.60	I 33.20	I 34.91	I 65.09	I 1.86	I 34.26	I 98.14



SITUATION DES SUPERFICIES DES PERIMETRES
PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987

10.

Unité en Ha

MOYENNE VALLEE AVAL

1 : SNI												2 : SUPERFICIE CULTIVEE											
3 : SUPERFICIE RECOLTEE												4 : SUPERFICIE NON EXPLOITEE											
5 : SUPERFICIE SINISTREE												6 : TAUX DE MISE EN VALEUR											
7 : TAUX DE NON EXPLOITATION												8 : TAUX DE SINISTRE											
9 : TAUX DE PRODUCTIVITE DE LA SNI												10 : TAUX DE PRODUCTIVITE CULTURALE											
+TYP	+HIV	+	1	+	2	+	3	+	4	+	5	+	6	+	7	+	8	+	9	+	10	+	
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
I	GP	I	75	I	464.61	I	288.60	I	214.48	I	176.01	I	74.12	I	62.12	I	37.98	I	25.68	I	46.16	I	74.32
I	GP	I	76	I	895.61	I	683.30	I	683.30	I	212.31	I	.00	I	76.29	I	23.71	I	.00	I	76.29	I	1100.00
I	GP	I	77	I	910.61	I	662.12	I	662.12	I	248.49	I	.00	I	72.71	I	27.29	I	.00	I	72.71	I	1100.00
I	GP	I	78	I	910.61	I	591.00	I	551.00	I	319.61	I	40.00	I	64.90	I	35.10	I	6.77	I	60.51	I	93.23
I	GP	I	79	I	910.61	I	510.52	I	490.22	I	400.09	I	20.30	I	56.06	I	43.94	I	3.98	I	53.83	I	196.02
I	GP	I	80	I	910.61	I	491.00	I	458.70	I	419.61	I	32.30	I	53.92	I	46.08	I	6.58	I	50.37	I	193.42
I	GP	I	81	I	984.61	I	538.90	I	511.01	I	445.71	I	27.89	I	54.73	I	45.27	I	5.18	I	51.90	I	94.82
I	GP	I	82	I	878.61	I	516.47	I	392.78	I	362.14	I	123.69	I	58.78	I	41.22	I	23.95	I	44.70	I	176.05
I	GP	I	83	I	1033.00	I	816.23	I	788.62	I	216.77	I	27.61	I	79.02	I	20.98	I	3.38	I	76.34	I	196.62
I	GP	I	84	I	1565.08	I	1418.04	I	1418.04	I	147.04	I	.00	I	90.60	I	9.40	I	.00	I	90.60	I	1100.00
I	GP	I	85	I	1574.88	I	1367.11	I	1362.79	I	207.77	I	4.32	I	86.81	I	13.19	I	.32	I	86.53	I	199.68
I	GP	I	86	I	1922.98	I	1766.79	I	1753.45	I	156.19	I	13.34	I	91.88	I	8.12	I	.76	I	91.18	I	199.24
I	GP	I	87	I	2036.48	I	1816.45	I	1804.22	I	220.03	I	12.23	I	89.20	I	10.80	I	.67	I	88.60	I	199.33
I	NP	I	77	I	50.00	I	26.80	I	26.80	I	23.20	I	.00	I	53.60	I	46.40	I	.00	I	53.60	I	1100.00
I	NP	I	78	I	60.00	I	60.00	I	60.00	I	.00	I	.00	I	1100.00	I	.00	I	.00	I	1100.00	I	1100.00
I	NP	I	79	I	60.00	I	.00	I	.00	I	60.00	I	.00	I	.00	I	1100.00	I	.00	I	.00	I	.00
I	NP	I	80	I	60.00	I	48.26	I	48.26	I	11.74	I	.00	I	80.43	I	19.57	I	.00	I	80.43	I	1100.00
I	NP	I	81	I	166.00	I	118.84	I	101.21	I	47.16	I	17.63	I	71.59	I	28.41	I	14.84	I	60.97	I	85.16
I	NP	I	82	I	166.00	I	142.18	I	107.81	I	23.82	I	34.37	I	85.65	I	14.35	I	24.17	I	64.95	I	175.83
I	NP	I	83	I	166.00	I	129.46	I	127.43	I	36.54	I	2.03	I	77.99	I	22.01	I	1.57	I	76.77	I	98.43
I	NP	I	84	I	222.00	I	159.88	I	159.88	I	62.12	I	.00	I	72.02	I	27.98	I	.00	I	72.02	I	1100.00
I	NP	I	85	I	222.00	I	169.69	I	148.69	I	52.31	I	21.00	I	76.44	I	23.56	I	12.38	I	66.98	I	187.62
I	NP	I	86	I	222.00	I	148.84	I	143.28	I	73.16	I	5.56	I	67.05	I	32.95	I	3.74	I	64.54	I	96.26
I	NP	I	87	I	110.00	I	36.22	I	36.22	I	73.78	I	.00	I	32.93	I	67.07	I	.00	I	32.93	I	1100.00
I	PP	I	75	I	355.50	I	160.50	I	144.50	I	195.00	I	16.00	I	45.15	I	54.85	I	9.97	I	40.65	I	90.03
I	PP	I	76	I	231.50	I	159.00	I	159.00	I	72.50	I	.00	I	68.68	I	31.32	I	.00	I	68.68	I	1100.00
I	PP	I	77	I	720.16	I	512.66	I	508.62	I	207.50	I	4.04	I	71.19	I	28.81	I	.79	I	70.63	I	199.21
I	PP	I	78	I	1050.87	I	876.55	I	845.07	I	174.32	I	31.48	I	83.41	I	16.59	I	3.59	I	80.42	I	96.41
I	PP	I	79	I	1551.05	I	1200.91	I	1141.96	I	350.14	I	58.95	I	77.43	I	22.57	I	4.91	I	73.62	I	95.09
I	PP	I	80	I	1735.71	I	1255.66	I	1109.21	I	480.05	I	146.45	I	72.34	I	27.66	I	11.66	I	63.91	I	88.34
I	PP	I	81	I	2221.59	I	1368.66	I	1213.80	I	852.93	I	154.86	I	61.61	I	38.39	I	11.31	I	54.64	I	88.69
I	PP	I	82	I	2601.57	I	1475.08	I	1348.11	I	1126.49	I	126.97	I	56.70	I	43.30	I	8.61	I	51.82	I	91.39
I	PP	I	83	I	3490.16	I	2355.87	I	2170.37	I	1134.29	I	185.50	I	67.50	I	32.50	I	7.87	I	62.19	I	92.13
I	PP	I	84	I	3958.12	I	2491.16	I	2377.92	I	1466.96	I	113.24	I	62.94	I	37.06	I	4.55	I	60.08	I	95.45
I	PP	I	85	I	4622.12	I	2464.96	I	2384.71	I	2157.16	I	80.25	I	53.33	I	46.67	I	3.26	I	51.59	I	96.74
I	PP	I	86	I	6107.38	I	2711.31	I	2698.31	I	3396.07	I	13.00	I	44.39	I	55.61	I	.48	I	44.18	I	99.52
I	PP	I	87	I	6794.18	I	2993.82	I	2965.82	I	3800.36	I	28.00	I	44.06	I	55.94	I	.94	I	43.65	I	99.06
I	.	I	75	I	820.11	I	449.10	I	358.98	I	371.01	I	90.12	I	54.76	I	45.24	I	20.07	I	43.77	I	79.93
I	.	I	76	I	1127.11	I	842.30	I	842.30	I	284.81	I	.00	I	74.73	I	25.27	I	.00	I	74.73	I	1100.00
I	.	I	77	I	1680.77	I	1201.58	I	1197.54	I	479.19	I	4.04	I	71.49	I	28.51	I	.34	I	71.25	I	99.66
I	.	I	78	I	2021.48	I	1527.55	I	1456.07	I	493.93	I	71.48	I	75.57	I	24.43	I	4.68	I	72.03	I	95.32
I	.	I	79	I	2521.66	I	1711.43	I	1632.18	I	810.23	I	79.25	I	67.87	I	32.13	I	4.63	I	64.73	I	95.37
I	.	I	80	I	2706.32	I	1794.92	I	1616.17	I	911.40	I	178.75	I	66.32	I	33.68	I	9.96	I	59.72	I	90.04
I	.	I	81	I	3372.20	I	2026.40	I	1826.02	I	1345.80	I	200.38	I	60.09	I	39.91	I	9.89	I	54.15	I	90.11
I	.	I	82	I	3646.18	I	2133.73	I	1848.70	I	1512.45	I	285.03	I	58.52	I	41.48	I	13.36	I	50.70	I	86.64
I	.	I	83	I	4689.16	I	3301.56	I	3086.42	I	1387.60	I	215.14	I	70.41	I	29.59	I	6.52	I	65.82	I	93.48
I	.	I	84	I	5745.20	I	4069.08	I	3955.84	I	1676.12	I	113.24	I	70.83	I	29.17	I	2.78	I	68.85	I	97.22
I	.	I	85	I	6419.00	I	4001.76	I	3896.19	I	2417.24	I	105.57	I	62.34	I	37.66	I	2.64	I	60.70	I	97.36
I	.	I	86	I	8252.36	I	4626.94	I	4595.04	I	3625.42	I	31.90	I	56.07	I	43.93	I	.69	I	55.69	I	99.31
I	.	I	87	I	8940.66	I	4846.49	I	4806.26	I	4094.17	I	40.23	I	54.21	I	45.79	I	.83	I	53.76	I	99.17

SITUATION DES SUPERFICIES DES PERIMETRES
PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE
DES CAMPAGNES D'HIVERNAGE DE 1975 A 1987

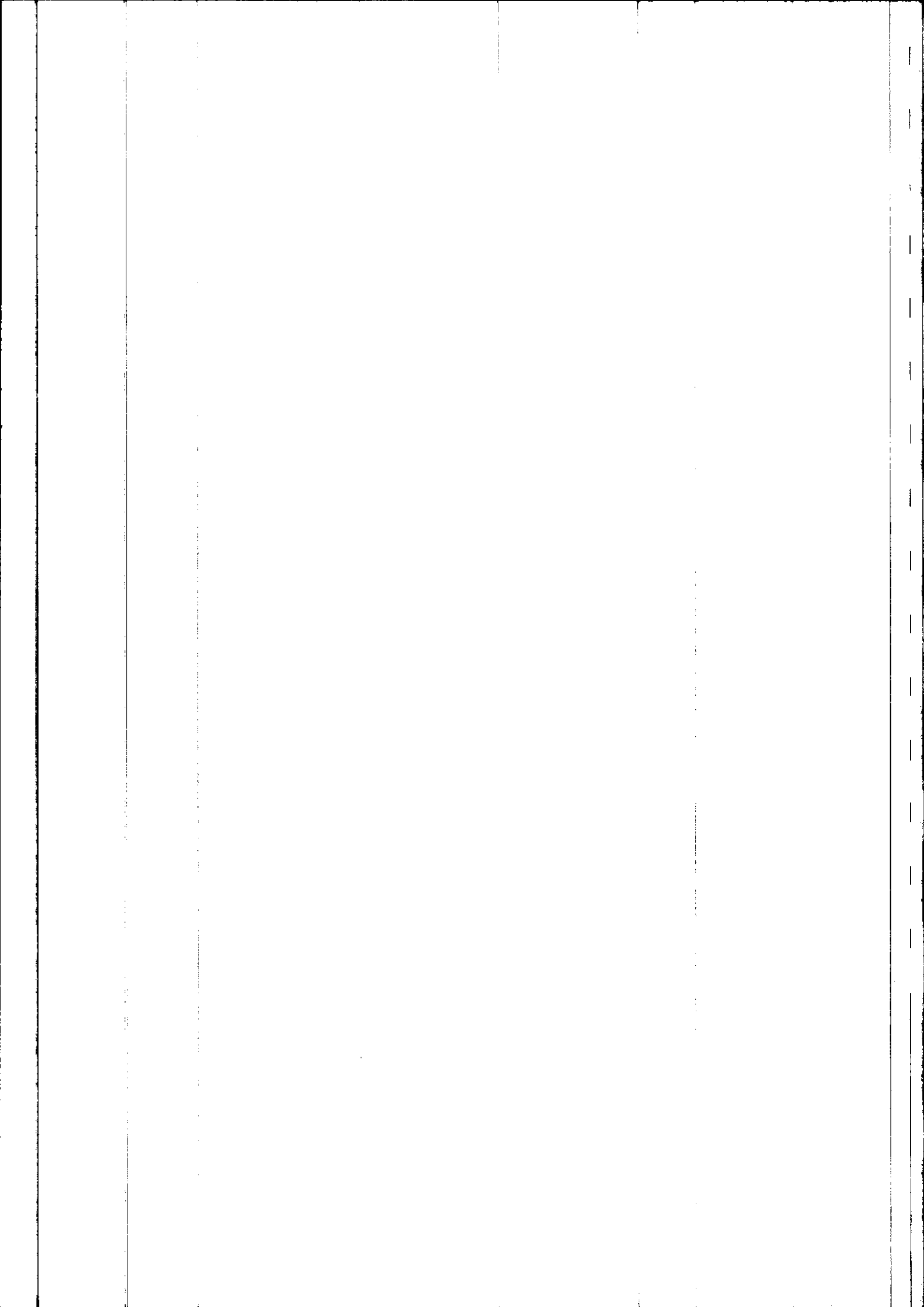
13.

Unité en Ha

HAUT BASSIN

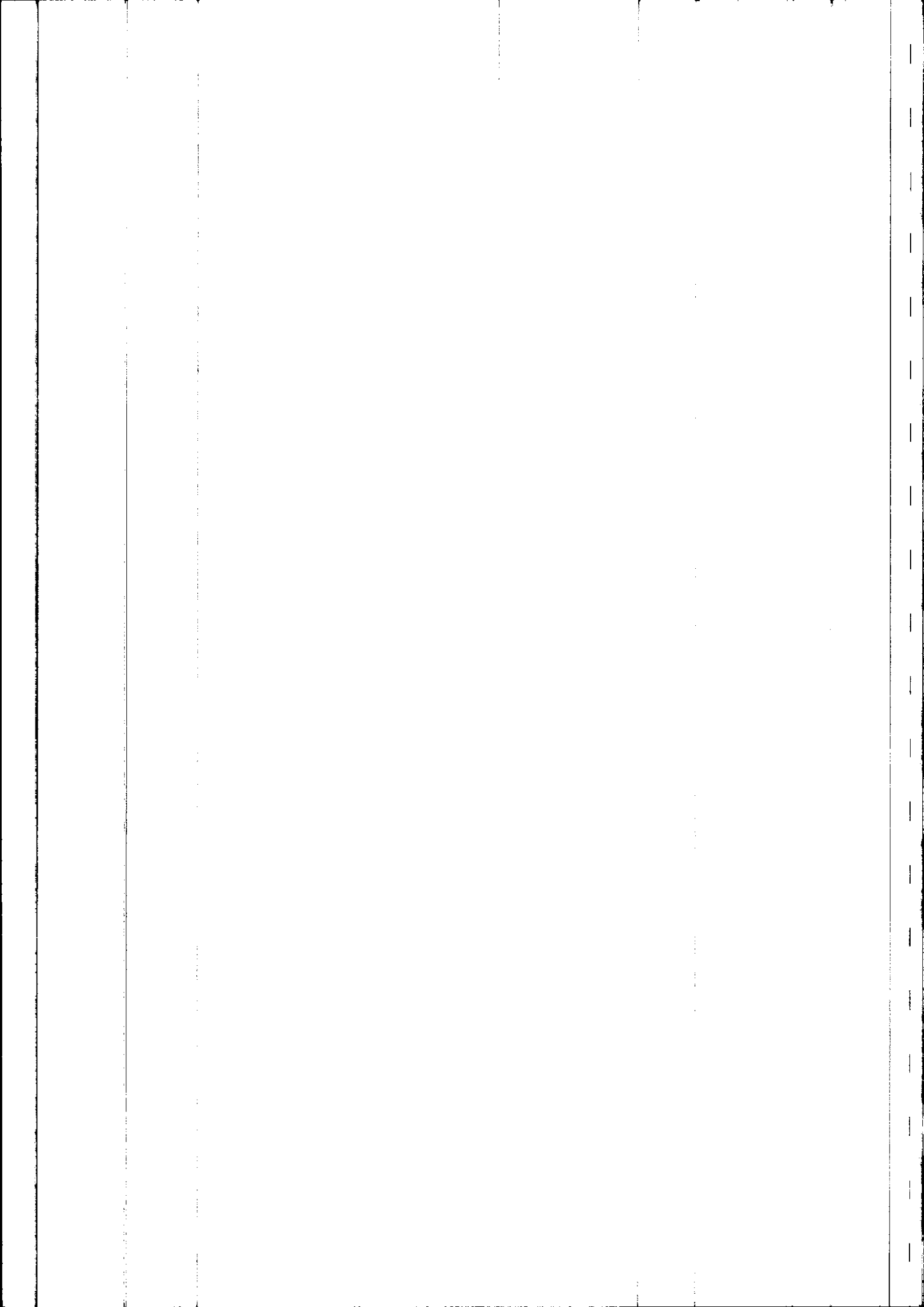
- | | |
|------------------------------------|-------------------------------------|
| 1 : SNI | 2 : SUPERFICIE CULTIVEE |
| 3 : SUPERFICIE RECOLTEE | 4 : SUPERFICIE NON EXPLOITEE |
| 5 : SUPERFICIE SINISTREE | 6 : TAUX DE MISE EN VALEUR |
| 7 : TAUX DE NON EXPLOITATION | 8 : TAUX DE SINISTRE |
| 9 : TAUX DE PRODUCTIVITE DE LA SNI | 10 : TAUX DE PRODUCTIVITE CULTURALE |

+TYP #HIV +	1	2	3	4	5	6	7	8	9	10
I PP I 75 I	7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I PP I 76 I	79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I PP I 77 I	143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.08 I	91.44 I
I PP I 78 I	189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I PP I 79 I	189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I PP I 80 I	221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I PP I 81 I	228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I PP I 82 I	250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I PP I 83 I	280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I PP I 84 I	306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I PP I 85 I	308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I PP I 86 I	332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I PP I 87 I	306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I
I .. I 75 I	7.00 I	1.00 I	1.00 I	6.00 I	.00 I	14.29 I	85.71 I	.00 I	14.29 I	100.00 I
I .. I 76 I	79.00 I	68.43 I	68.43 I	10.57 I	.00 I	86.62 I	13.38 I	.00 I	86.62 I	100.00 I
I .. I 77 I	143.50 I	81.73 I	74.73 I	61.77 I	7.00 I	56.95 I	43.05 I	8.56 I	52.08 I	91.44 I
I .. I 78 I	189.00 I	95.84 I	90.84 I	93.16 I	5.00 I	50.71 I	49.29 I	5.22 I	48.06 I	94.78 I
I .. I 79 I	189.00 I	97.71 I	94.71 I	91.29 I	3.00 I	51.70 I	48.30 I	3.07 I	50.11 I	96.93 I
I .. I 80 I	221.00 I	78.86 I	69.36 I	142.14 I	9.50 I	35.68 I	64.32 I	12.05 I	31.38 I	87.95 I
I .. I 81 I	228.50 I	90.09 I	87.46 I	138.41 I	2.63 I	39.43 I	60.57 I	2.92 I	38.28 I	97.08 I
I .. I 82 I	250.50 I	107.60 I	82.77 I	142.90 I	24.83 I	42.95 I	57.05 I	23.08 I	33.04 I	76.92 I
I .. I 83 I	280.50 I	118.09 I	97.79 I	162.41 I	20.30 I	42.10 I	57.90 I	17.19 I	34.86 I	82.81 I
I .. I 84 I	306.50 I	100.18 I	95.40 I	206.32 I	4.78 I	32.69 I	67.31 I	4.77 I	31.13 I	95.23 I
I .. I 85 I	308.00 I	114.25 I	114.25 I	193.75 I	.00 I	37.09 I	62.91 I	.00 I	37.09 I	100.00 I
I .. I 86 I	332.50 I	143.28 I	138.03 I	189.22 I	5.25 I	43.09 I	56.91 I	3.66 I	41.51 I	96.34 I
I .. I 87 I	306.50 I	155.90 I	138.36 I	150.60 I	17.54 I	50.86 I	49.14 I	11.25 I	45.14 I	88.75 I



DEUXIEME PARTIE

ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT
POUR L'ENSEMBLE DU BASSIN ET TYPE DE PERIMETRE



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT
POUR L'ENSEMBLE DU BASSIN ET TYPE DE PERIMETRE

1.

ENSEMBLE BASSIN

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT
3 : SUPERFICIE SINISTREE EN Ha
4 : SUPERFICIE SINISTREE PAR EXPLOITANT
5 : NOMBRE D'EXPLOITANTS

I---I---I		I---I---I		I---I---I		I---I---I		I---I---I	
+TYP	#HIV +	1	2	3	4	5			
I---I---I		I---I---I		I---I---I		I---I---I		I---I---I	
I GP	I 75	I 1.24	I .98	I 746.27	I .26	I 2904	I		
I GP	I 76	I 1.24	I 1.09	I 713.91	I .15	I 4857	I		
I GP	I 77	I 1.10	I .75	I 1960.86	I .34	I 5748	I		
I GP	I 78	I 1.17	I 1.02	I 998.89	I .15	I 6616	I		
I GP	I 79	I 1.12	I .94	I 1123.19	I .18	I 6223	I		
I GP	I 80	I 1.11	I .79	I 2192.24	I .32	I 6954	I		
I GP	I 81	I 1.10	I .74	I 2222.41	I .36	I 6145	I		
I GP	I 82	I 1.18	I 1.08	I 639.07	I .10	I 6174	I		
I GP	I 83	I .83	I .76	I 692.42	I .07	I 10086	I		
I GP	I 84	I .87	I .77	I 1004.63	I .09	I 10803	I		
I GP	I 85	I .77	I .75	I 275.40	I .02	I 11737	I		
I GP	I 86	I 1.10	I 1.07	I 311.88	I .04	I 8249	I		
I GP	I 87	I 1.21	I 1.20	I 20.35	I .00	I 5936	I		
I MP	I 76	I .95	I .95	I .00	I .00	I 105	I		
I MP	I 77	I .92	I .77	I 20.09	I .15	I 130	I		
I MP	I 78	I 1.18	I 1.18	I .00	I .00	I 130	I		
I MP	I 79	I .89	I .88	I 1.30	I .01	I 105	I		
I MP	I 80	I 1.20	I 1.13	I 44.09	I .06	I 707	I		
I MP	I 81	I 1.16	I 1.04	I 190.33	I .12	I 1554	I		
I MP	I 82	I 1.00	I .90	I 249.65	I .11	I 2306	I		
I MP	I 83	I 1.01	I .98	I 61.63	I .03	I 2278	I		
I MP	I 84	I .93	I .88	I 111.98	I .04	I 2501	I		
I MP	I 85	I .89	I .88	I 21.00	I .01	I 2361	I		
I MP	I 86	I .84	I .84	I 5.56	I .00	I 2337	I		
I MP	I 87	I .64	I .64	I .00	I .00	I 1451	I		
I PP	I 75	I .29	I .22	I 171.60	I .07	I 2570	I		
I PP	I 76	I .20	I .19	I 52.80	I .01	I 6071	I		
I PP	I 77	I .20	I .17	I 308.19	I .03	I 10289	I		
I PP	I 78	I .18	I .16	I 262.91	I .02	I 15680	I		
I PP	I 79	I .18	I .17	I 222.61	I .01	I 21051	I		
I PP	I 80	I .20	I .17	I 767.52	I .03	I 24198	I		
I PP	I 81	I .21	I .18	I 625.39	I .03	I 22686	I		
I PP	I 82	I .22	I .20	I 514.06	I .02	I 22921	I		
I PP	I 83	I .25	I .23	I 480.76	I .02	I 28545	I		
I PP	I 84	I .26	I .24	I 619.93	I .02	I 34382	I		
I PP	I 85	I .31	I .30	I 348.58	I .01	I 31399	I		
I PP	I 86	I .35	I .33	I 673.75	I .02	I 34511	I		
I PP	I 87	I .41	I .40	I 299.24	I .01	I 33868	I		
I ..	I 75	I .80	I .63	I 917.87	I .17	I 5474	I		
I ..	I 76	I .66	I .59	I 766.71	I .07	I 11033	I		
I ..	I 77	I .52	I .38	I 2289.14	I .14	I 16167	I		
I ..	I 78	I .48	I .42	I 1261.80	I .06	I 22426	I		
I ..	I 79	I .40	I .35	I 1347.10	I .05	I 27379	I		
I ..	I 80	I .42	I .33	I 3003.95	I .09	I 31859	I		
I ..	I 81	I .44	I .34	I 3038.13	I .10	I 30385	I		
I ..	I 82	I .46	I .42	I 1402.78	I .04	I 31401	I		
I ..	I 83	I .43	I .40	I 1234.81	I .03	I 40909	I		
I ..	I 84	I .43	I .39	I 1736.54	I .04	I 47686	I		
I ..	I 85	I .46	I .45	I 644.98	I .01	I 45497	I		
I ..	I 86	I .51	I .49	I 991.19	I .02	I 45117	I		
I ..	I 87	I .53	I .53	I 319.59	I .01	I 41255	I		

MALI

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1 : SUPERFICIE CULTIVEE PAR EXPLOITANT
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT
3 : SUPERFICIE SINISTREE EN Ha
4 : SUPERFICIE SINISTREE PAR EXPLOITANT
5 : NOMBRE D'EXPLOITANTS

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| I    |      | I |     | I |     | I |       | I |     | I |     |
|------|------|---|-----|---|-----|---|-------|---|-----|---|-----|
| +TYP | #HIV | + | 1   | + | 2   | + | 3     | + | 4   | + | 5   |
| I    | ---  | I | --- | I | --- | I | ---   | I | --- | I | --- |
| I PP | I 75 | I | .04 | I | .04 | I | .00   | I | .00 | I | 25  |
| I PP | I 76 | I | .46 | I | .46 | I | .00   | I | .00 | I | 148 |
| I PP | I 77 | I | .35 | I | .32 | I | 7.00  | I | .03 | I | 231 |
| I PP | I 78 | I | .39 | I | .37 | I | 5.00  | I | .02 | I | 246 |
| I PP | I 79 | I | .29 | I | .28 | I | 3.00  | I | .01 | I | 338 |
| I PP | I 80 | I | .25 | I | .22 | I | 9.50  | I | .03 | I | 320 |
| I PP | I 81 | I | .27 | I | .26 | I | 2.63  | I | .01 | I | 332 |
| I PP | I 82 | I | .22 | I | .17 | I | 24.83 | I | .05 | I | 485 |
| I PP | I 83 | I | .28 | I | .23 | I | 20.30 | I | .05 | I | 424 |
| I PP | I 84 | I | .23 | I | .21 | I | 4.78  | I | .01 | I | 444 |
| I PP | I 85 | I | .24 | I | .24 | I | .00   | I | .00 | I | 478 |
| I PP | I 86 | I | .21 | I | .20 | I | 5.25  | I | .01 | I | 693 |
| I PP | I 87 | I | .31 | I | .26 | I | 17.54 | I | .05 | I | 389 |
| I EN | I 75 | I | .04 | I | .04 | I | .00   | I | .00 | I | 25  |
| I EN | I 76 | I | .46 | I | .46 | I | .00   | I | .00 | I | 148 |
| I EN | I 77 | I | .35 | I | .32 | I | 7.00  | I | .03 | I | 231 |
| I EN | I 78 | I | .39 | I | .37 | I | 5.00  | I | .02 | I | 246 |
| I EN | I 79 | I | .29 | I | .28 | I | 3.00  | I | .01 | I | 338 |
| I EN | I 80 | I | .25 | I | .22 | I | 9.50  | I | .03 | I | 320 |
| I EN | I 81 | I | .27 | I | .26 | I | 2.63  | I | .01 | I | 332 |
| I EN | I 82 | I | .22 | I | .17 | I | 24.83 | I | .05 | I | 485 |
| I EN | I 83 | I | .28 | I | .23 | I | 20.30 | I | .05 | I | 424 |
| I EN | I 84 | I | .23 | I | .21 | I | 4.78  | I | .01 | I | 444 |
| I EN | I 85 | I | .24 | I | .24 | I | .00   | I | .00 | I | 478 |
| I EN | I 86 | I | .21 | I | .20 | I | 5.25  | I | .01 | I | 693 |
| I EN | I 87 | I | .31 | I | .26 | I | 17.54 | I | .05 | I | 389 |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET TYPE DE PERIMETRE

3.

MAURITANIE

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| I---I---I |        | I---I---I |      | I---I---I |      | I---I---I |         | I---I---I |      | I---I---I |       |   |
|-----------|--------|-----------|------|-----------|------|-----------|---------|-----------|------|-----------|-------|---|
| +TYP      | #HIV + | 1         | +    | 2         | +    | 3         | +       | 4         | +    | 5         | +     |   |
| I---      | I---   | I---      | I--- | I---      | I--- | I---      | I---    | I---      | I--- | I---      | I---  |   |
| I GP      | I 75   | I         | 2.68 | I         | 2.64 | I         | 10.50   | I         | .03  | I         | 309   | I |
| I GP      | I 76   | I         | 2.95 | I         | 2.89 | I         | 18.00   | I         | .05  | I         | 331   | I |
| I GP      | I 77   | I         | 1.90 | I         | 1.86 | I         | 30.00   | I         | .04  | I         | 667   | I |
| I GP      | I 78   | I         | 1.42 | I         | 1.36 | I         | 54.75   | I         | .06  | I         | 977   | I |
| I GP      | I 79   | I         | 1.78 | I         | 1.66 | I         | 86.15   | I         | .11  | I         | 760   | I |
| I GP      | I 80   | I         | 1.16 | I         | 1.05 | I         | 187.20  | I         | .12  | I         | 1611  | I |
| I GP      | I 81   | I         | 2.35 | I         | 1.33 | I         | 864.00  | I         | 1.02 | I         | 846   | I |
| I GP      | I 82   | I         | 1.33 | I         | 1.32 | I         | 11.00   | I         | .01  | I         | 1520  | I |
| I GP      | I 83   | I         | .78  | I         | .77  | I         | 17.75   | I         | .01  | I         | 1820  | I |
| I GP      | I 84   | I         | .84  | I         | .84  | I         | .00     | I         | .00  | I         | 2384  | I |
| I GP      | I 85   | I         | .61  | I         | .59  | I         | 61.00   | I         | .02  | I         | 3111  | I |
| I GP      | I 86   | I         | .88  | I         | .87  | I         | 14.00   | I         | .00  | I         | 2869  | I |
| I GP      | I 87   | I         | 1.20 | I         | 1.20 | I         | 9.12    | I         | .00  | I         | 1873  | I |
| I PP      | I 75   | I         | .32  | I         | .30  | I         | 17.60   | I         | .02  | I         | 886   | I |
| I PP      | I 76   | I         | .24  | I         | .24  | I         | 7.50    | I         | .01  | I         | 1217  | I |
| I PP      | I 77   | I         | .25  | I         | .24  | I         | 15.33   | I         | .01  | I         | 1912  | I |
| I PP      | I 78   | I         | .21  | I         | .21  | I         | 11.37   | I         | .00  | I         | 3651  | I |
| I PP      | I 79   | I         | .22  | I         | .21  | I         | 40.51   | I         | .01  | I         | 3086  | I |
| I PP      | I 80   | I         | .25  | I         | .21  | I         | 177.52  | I         | .03  | I         | 5303  | I |
| I PP      | I 81   | I         | .26  | I         | .23  | I         | 168.53  | I         | .03  | I         | 6065  | I |
| I PP      | I 82   | I         | .30  | I         | .27  | I         | 135.25  | I         | .03  | I         | 4732  | I |
| I PP      | I 83   | I         | .29  | I         | .28  | I         | 33.70   | I         | .01  | I         | 4672  | I |
| I PP      | I 84   | I         | .29  | I         | .27  | I         | 111.33  | I         | .01  | I         | 7820  | I |
| I PP      | I 85   | I         | .37  | I         | .34  | I         | 184.20  | I         | .02  | I         | 7736  | I |
| I PP      | I 86   | I         | .51  | I         | .47  | I         | 268.20  | I         | .03  | I         | 7840  | I |
| I PP      | I 87   | I         | .59  | I         | .57  | I         | 177.00  | I         | .02  | I         | 9740  | I |
| I EN      | I 75   | I         | .93  | I         | .91  | I         | 28.10   | I         | .02  | I         | 1195  | I |
| I EN      | I 76   | I         | .82  | I         | .81  | I         | 25.50   | I         | .02  | I         | 1548  | I |
| I EN      | I 77   | I         | .68  | I         | .66  | I         | 45.33   | I         | .02  | I         | 2579  | I |
| I EN      | I 78   | I         | .46  | I         | .45  | I         | 66.12   | I         | .01  | I         | 4628  | I |
| I EN      | I 79   | I         | .53  | I         | .50  | I         | 126.66  | I         | .03  | I         | 3846  | I |
| I EN      | I 80   | I         | .46  | I         | .41  | I         | 364.72  | I         | .05  | I         | 6914  | I |
| I EN      | I 81   | I         | .51  | I         | .37  | I         | 1032.53 | I         | .15  | I         | 6911  | I |
| I EN      | I 82   | I         | .55  | I         | .53  | I         | 146.25  | I         | .02  | I         | 6252  | I |
| I EN      | I 83   | I         | .43  | I         | .42  | I         | 51.45   | I         | .01  | I         | 6492  | I |
| I EN      | I 84   | I         | .42  | I         | .40  | I         | 111.33  | I         | .01  | I         | 10204 | I |
| I EN      | I 85   | I         | .44  | I         | .41  | I         | 245.20  | I         | .02  | I         | 10847 | I |
| I EN      | I 86   | I         | .61  | I         | .58  | I         | 282.20  | I         | .03  | I         | 10709 | I |
| I EN      | I 87   | I         | .68  | I         | .67  | I         | 185.12  | I         | .01  | I         | 11613 | I |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET TYPE DE PERIMETRE

4.

SENEGAL

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| +TYP        | #HIV | + | 1      | + | 2      | + | 3         | + | 4     | + | 5       | + |
|-------------|------|---|--------|---|--------|---|-----------|---|-------|---|---------|---|
| I GP I 75 I |      |   | 1.07 I |   | .79 I  |   | 735.77 I  |   | .28 I |   | 2595 I  |   |
| I GP I 76 I |      |   | 1.11 I |   | .96 I  |   | 695.91 I  |   | .15 I |   | 4526 I  |   |
| I GP I 77 I |      |   | .99 I  |   | .61 I  |   | 1930.86 I |   | .38 I |   | 5081 I  |   |
| I GP I 78 I |      |   | 1.13 I |   | .96 I  |   | 944.14 I  |   | .17 I |   | 5639 I  |   |
| I GP I 79 I |      |   | 1.03 I |   | .84 I  |   | 1037.04 I |   | .19 I |   | 5463 I  |   |
| I GP I 80 I |      |   | 1.09 I |   | .71 I  |   | 2005.04 I |   | .38 I |   | 5343 I  |   |
| I GP I 81 I |      |   | .90 I  |   | .64 I  |   | 1358.41 I |   | .26 I |   | 5299 I  |   |
| I GP I 82 I |      |   | 1.13 I |   | 1.00 I |   | 628.07 I  |   | .13 I |   | 4654 I  |   |
| I GP I 83 I |      |   | .84 I  |   | .76 I  |   | 674.67 I  |   | .08 I |   | 8266 I  |   |
| I GP I 84 I |      |   | .87 I  |   | .75 I  |   | 1004.63 I |   | .12 I |   | 8419 I  |   |
| I GP I 85 I |      |   | .83 I  |   | .81 I  |   | 214.40 I  |   | .02 I |   | 8626 I  |   |
| I GP I 86 I |      |   | 1.22 I |   | 1.17 I |   | 297.88 I  |   | .06 I |   | 5400 I  |   |
| I GP I 87 I |      |   | 1.21 I |   | 1.20 I |   | 12.23 I   |   | .00 I |   | 4063 I  |   |
| I MP I 76 I |      |   | .95 I  |   | .95 I  |   | .00 I     |   | .00 I |   | 105 I   |   |
| I MP I 77 I |      |   | .92 I  |   | .77 I  |   | 20.09 I   |   | .15 I |   | 130 I   |   |
| I MP I 78 I |      |   | 1.18 I |   | 1.18 I |   | .00 I     |   | .00 I |   | 130 I   |   |
| I MP I 79 I |      |   | .89 I  |   | .88 I  |   | 1.30 I    |   | .01 I |   | 105 I   |   |
| I MP I 80 I |      |   | 1.20 I |   | 1.13 I |   | 44.09 I   |   | .06 I |   | 707 I   |   |
| I MP I 81 I |      |   | 1.16 I |   | 1.04 I |   | 190.33 I  |   | .12 I |   | 1554 I  |   |
| I MP I 82 I |      |   | 1.00 I |   | .90 I  |   | 249.65 I  |   | .11 I |   | 2306 I  |   |
| I MP I 83 I |      |   | 1.01 I |   | .98 I  |   | 61.63 I   |   | .03 I |   | 2278 I  |   |
| I MP I 84 I |      |   | .93 I  |   | .88 I  |   | 111.98 I  |   | .04 I |   | 2501 I  |   |
| I MP I 85 I |      |   | .89 I  |   | .88 I  |   | 21.00 I   |   | .01 I |   | 2361 I  |   |
| I MP I 86 I |      |   | .84 I  |   | .84 I  |   | 5.56 I    |   | .00 I |   | 2337 I  |   |
| I MP I 87 I |      |   | .64 I  |   | .64 I  |   | .00 I     |   | .00 I |   | 1451 I  |   |
| I PP I 75 I |      |   | .28 I  |   | .18 I  |   | 154.00 I  |   | .09 I |   | 1659 I  |   |
| I PP I 76 I |      |   | .18 I  |   | .17 I  |   | 45.30 I   |   | .01 I |   | 4706 I  |   |
| I PP I 77 I |      |   | .18 I  |   | .15 I  |   | 285.86 I  |   | .04 I |   | 8146 I  |   |
| I PP I 78 I |      |   | .17 I  |   | .15 I  |   | 246.54 I  |   | .02 I |   | 11783 I |   |
| I PP I 79 I |      |   | .17 I  |   | .16 I  |   | 179.10 I  |   | .01 I |   | 17627 I |   |
| I PP I 80 I |      |   | .19 I  |   | .16 I  |   | 580.50 I  |   | .03 I |   | 18575 I |   |
| I PP I 81 I |      |   | .19 I  |   | .16 I  |   | 454.23 I  |   | .03 I |   | 16289 I |   |
| I PP I 82 I |      |   | .20 I  |   | .18 I  |   | 353.98 I  |   | .02 I |   | 17704 I |   |
| I PP I 83 I |      |   | .24 I  |   | .22 I  |   | 426.76 I  |   | .02 I |   | 23449 I |   |
| I PP I 84 I |      |   | .25 I  |   | .23 I  |   | 503.82 I  |   | .02 I |   | 26118 I |   |
| I PP I 85 I |      |   | .30 I  |   | .29 I  |   | 164.38 I  |   | .01 I |   | 23185 I |   |
| I PP I 86 I |      |   | .31 I  |   | .29 I  |   | 400.30 I  |   | .02 I |   | 25978 I |   |
| I PP I 87 I |      |   | .31 I  |   | .29 I  |   | 104.70 I  |   | .01 I |   | 23739 I |   |
| I EN I 75 I |      |   | .76 I  |   | .55 I  |   | 889.77 I  |   | .21 I |   | 4254 I  |   |
| I EN I 76 I |      |   | .64 I  |   | .56 I  |   | 741.21 I  |   | .08 I |   | 9337 I  |   |
| I EN I 77 I |      |   | .50 I  |   | .33 I  |   | 2236.81 I |   | .17 I |   | 13357 I |   |
| I EN I 78 I |      |   | .48 I  |   | .42 I  |   | 1190.68 I |   | .07 I |   | 17552 I |   |
| I EN I 79 I |      |   | .38 I  |   | .32 I  |   | 1217.44 I |   | .05 I |   | 23195 I |   |
| I EN I 80 I |      |   | .41 I  |   | .31 I  |   | 2629.63 I |   | .11 I |   | 24625 I |   |
| I EN I 81 I |      |   | .42 I  |   | .33 I  |   | 2002.97 I |   | .09 I |   | 23142 I |   |
| I EN I 82 I |      |   | .45 I  |   | .40 I  |   | 1231.70 I |   | .05 I |   | 24664 I |   |
| I EN I 83 I |      |   | .44 I  |   | .40 I  |   | 1163.06 I |   | .03 I |   | 33993 I |   |
| I EN I 84 I |      |   | .44 I  |   | .39 I  |   | 1620.43 I |   | .04 I |   | 37038 I |   |
| I EN I 85 I |      |   | .47 I  |   | .46 I  |   | 399.78 I  |   | .01 I |   | 34172 I |   |
| I EN I 86 I |      |   | .49 I  |   | .47 I  |   | 703.74 I  |   | .02 I |   | 33715 I |   |
| I EN I 87 I |      |   | .48 I  |   | .47 I  |   | 116.93 I  |   | .00 I |   | 29253 I |   |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET PAR ORGANISME DE TUTELLE

5.

MALI

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| TUTELLE | HIV    | 1     | 2     | 3       | 4     | 5     |
|---------|--------|-------|-------|---------|-------|-------|
| I OVSTM | I 75 I | .04 I | .04 I | .00 I   | .00 I | 25 I  |
| I OVSTM | I 76 I | .46 I | .46 I | .00 I   | .00 I | 148 I |
| I OVSTM | I 77 I | .35 I | .32 I | 7.00 I  | .03 I | 231 I |
| I OVSTM | I 78 I | .39 I | .37 I | 5.00 I  | .02 I | 246 I |
| I OVSTM | I 79 I | .29 I | .28 I | 3.00 I  | .01 I | 338 I |
| I OVSTM | I 80 I | .25 I | .22 I | 9.50 I  | .03 I | 320 I |
| I OVSTM | I 81 I | .27 I | .26 I | 2.63 I  | .01 I | 332 I |
| I OVSTM | I 82 I | .22 I | .17 I | 24.83 I | .05 I | 485 I |
| I OVSTM | I 83 I | .28 I | .23 I | 20.30 I | .05 I | 424 I |
| I OVSTM | I 84 I | .23 I | .21 I | 4.78 I  | .01 I | 444 I |
| I OVSTM | I 85 I | .24 I | .24 I | .00 I   | .00 I | 478 I |
| I OVSTM | I 86 I | .21 I | .20 I | 5.25 I  | .01 I | 693 I |
| I OVSTM | I 87 I | .31 I | .26 I | 17.54 I | .05 I | 389 I |
| I ENS   | I 75 I | .04 I | .04 I | .00 I   | .00 I | 25 I  |
| I ENS   | I 76 I | .46 I | .46 I | .00 I   | .00 I | 148 I |
| I ENS   | I 77 I | .35 I | .32 I | 7.00 I  | .03 I | 231 I |
| I ENS   | I 78 I | .39 I | .37 I | 5.00 I  | .02 I | 246 I |
| I ENS   | I 79 I | .29 I | .28 I | 3.00 I  | .01 I | 338 I |
| I ENS   | I 80 I | .25 I | .22 I | 9.50 I  | .03 I | 320 I |
| I ENS   | I 81 I | .27 I | .26 I | 2.63 I  | .01 I | 332 I |
| I ENS   | I 82 I | .22 I | .17 I | 24.83 I | .05 I | 485 I |
| I ENS   | I 83 I | .28 I | .23 I | 20.30 I | .05 I | 424 I |
| I ENS   | I 84 I | .23 I | .21 I | 4.78 I  | .01 I | 444 I |
| I ENS   | I 85 I | .24 I | .24 I | .00 I   | .00 I | 478 I |
| I ENS   | I 86 I | .21 I | .20 I | 5.25 I  | .01 I | 693 I |
| I ENS   | I 87 I | .31 I | .26 I | 17.54 I | .05 I | 389 I |



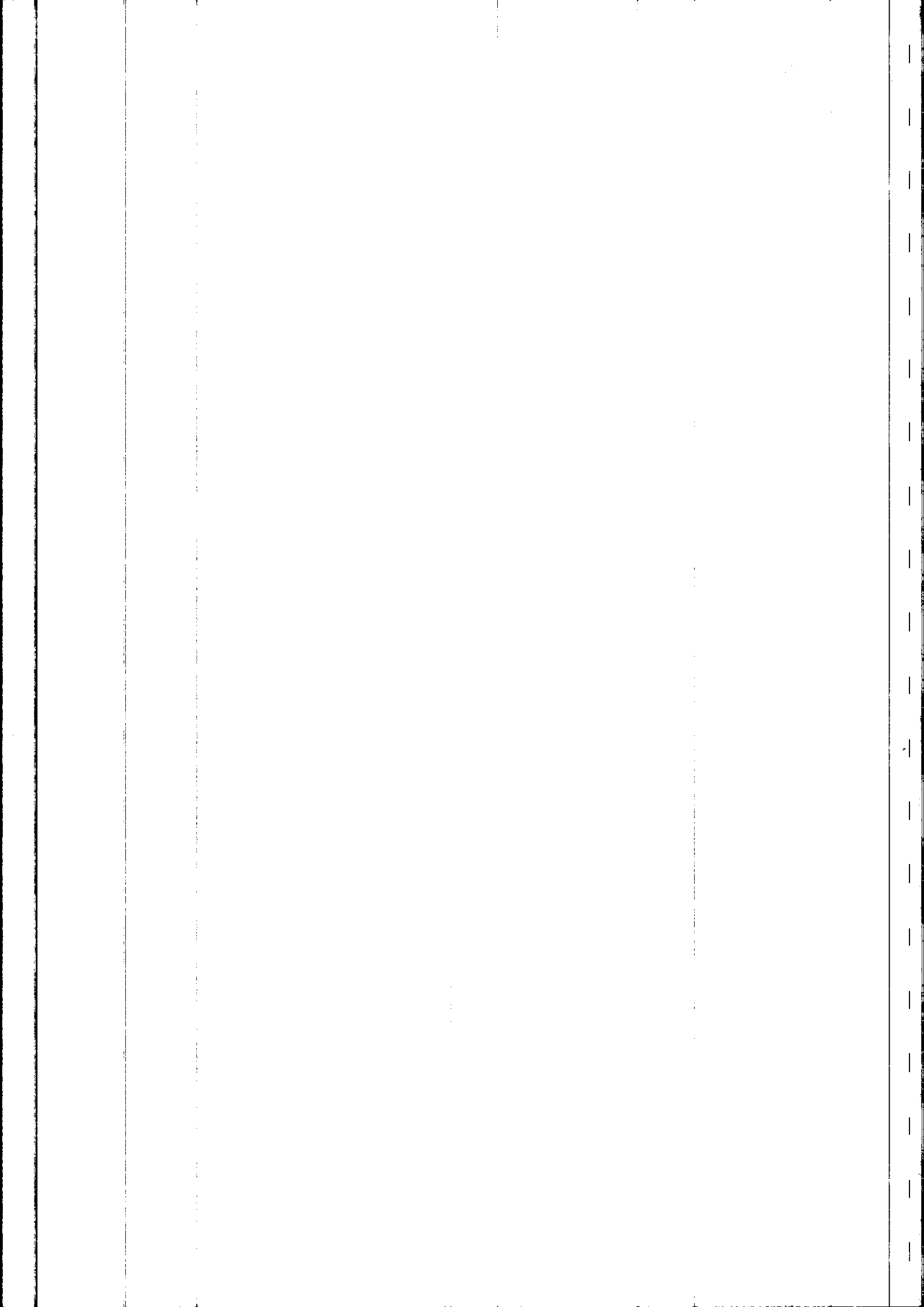
ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET PAR ORGANISME DE TUTELLE

6.

MAURITANIE

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| TUTELLE      | HIV    | 1       | 2       | 3        | 4      | 5      |
|--------------|--------|---------|---------|----------|--------|--------|
| I SONADER    | I 75 I | .24 I   | .22 I   | 16.00 I  | .02 I  | 832 I  |
| I SONADER    | I 76 I | .17 I   | .17 I   | .00 I    | .00 I  | 1123 I |
| I SONADER    | I 77 I | .23 I   | .23 I   | .00 I    | .00 I  | 2023 I |
| I SONADER    | I 78 I | .25 I   | .24 I   | 28.57 I  | .01 I  | 3908 I |
| I SONADER    | I 79 I | .21 I   | .21 I   | 20.00 I  | .01 I  | 2929 I |
| I SONADER    | I 80 I | .27 I   | .25 I   | 82.92 I  | .02 I  | 5229 I |
| I SONADER    | I 81 I | .35 I   | .22 I   | 668.08 I | .13 I  | 5255 I |
| I SONADER    | I 82 I | .36 I   | .34 I   | 79.50 I  | .02 I  | 4652 I |
| I SONADER    | I 83 I | .38 I   | .38 I   | 8.00 I   | .00 I  | 4693 I |
| I SONADER    | I 84 I | .38 I   | .37 I   | 24.20 I  | .00 I  | 6586 I |
| I SONADER    | I 85 I | .38 I   | .37 I   | 84.70 I  | .01 I  | 8172 I |
| I SONADER    | I 86 I | .46 I   | .46 I   | 58.57 I  | .01 I  | 7566 I |
| I SONADER    | I 87 I | .46 I   | .46 I   | .00 I    | .00 I  | 8718 I |
| I MPOURIE    | I 75 I | 2.57 I  | 2.57 I  | .00 I    | .00 I  | 308 I  |
| I MPOURIE    | I 76 I | 2.69 I  | 2.69 I  | .00 I    | .00 I  | 330 I  |
| I MPOURIE    | I 77 I | 2.39 I  | 2.39 I  | .00 I    | .00 I  | 415 I  |
| I MPOURIE    | I 78 I | 2.23 I  | 2.14 I  | 34.75 I  | .08 I  | 415 I  |
| I MPOURIE    | I 79 I | 1.90 I  | 1.76 I  | 86.15 I  | .14 I  | 615 I  |
| I MPOURIE    | I 80 I | 1.67 I  | 1.45 I  | 197.20 I | .22 I  | 853 I  |
| I MPOURIE    | I 81 I | 1.64 I  | 1.31 I  | 281.00 I | .33 I  | 844 I  |
| I MPOURIE    | I 82 I | 1.66 I  | 1.65 I  | 11.00 I  | .01 I  | 844 I  |
| I MPOURIE    | I 83 I | .74 I   | .72 I   | 17.75 I  | .02 I  | 844 I  |
| I MPOURIE    | I 84 I | 1.10 I  | 1.10 I  | .00 I    | .00 I  | 843 I  |
| I MPOURIE    | I 85 I | .81 I   | .75 I   | 61.00 I  | .06 I  | 1001 I |
| I MPOURIE    | I 86 I | 1.00 I  | .99 I   | 14.00 I  | .01 I  | 1073 I |
| I MPOURIE    | I 87 I | .65 I   | .65 I   | 3.12 I   | .00 I  | 1072 I |
| I NON GOVERN | I 81 I | .28 I   | .28 I   | .00 I    | .00 I  | 126 I  |
| I NON GOVERN | I 82 I | .28 I   | .28 I   | .00 I    | .00 I  | 173 I  |
| I NON GOVERN | I 83 I | .27 I   | .27 I   | .00 I    | .00 I  | 220 I  |
| I NON GOVERN | I 84 I | .30 I   | .30 I   | .00 I    | .00 I  | 275 I  |
| I NON GOVERN | I 85 I | .31 I   | .22 I   | 38.00 I  | .08 I  | 452 I  |
| I NON GOVERN | I 86 I | .91 I   | .86 I   | 13.50 I  | .05 I  | 262 I  |
| I NON GOVERN | I 87 I | .82 I   | .82 I   | .00 I    | .00 I  | 165 I  |
| I NON ENCAD  | I 75 I | .14 I   | .09 I   | 1.60 I   | .05 I  | 35 I   |
| I NON ENCAD  | I 76 I | .23 I   | .13 I   | 7.50 I   | .10 I  | 75 I   |
| I NON ENCAD  | I 77 I | .29 I   | .19 I   | 11.33 I  | .09 I  | 120 I  |
| I NON ENCAD  | I 78 I | .20 I   | .20 I   | .80 I    | .00 I  | 282 I  |
| I NON ENCAD  | I 79 I | .15 I   | .14 I   | 2.51 I   | .01 I  | 278 I  |
| I NON ENCAD  | I 80 I | .19 I   | .15 I   | 33.10 I  | .04 I  | 801 I  |
| I NON ENCAD  | I 81 I | .31 I   | .22 I   | 59.20 I  | .09 I  | 656 I  |
| I NON ENCAD  | I 82 I | .36 I   | .27 I   | 43.35 I  | .08 I  | 525 I  |
| I NON ENCAD  | I 83 I | .36 I   | .33 I   | 21.50 I  | .03 I  | 643 I  |
| I NON ENCAD  | I 84 I | .28 I   | .25 I   | 77.13 I  | .03 I  | 2362 I |
| I NON ENCAD  | I 85 I | .52 I   | .50 I   | 23.50 I  | .02 I  | 1128 I |
| I NON ENCAD  | I 86 I | .66 I   | .56 I   | 189.63 I | .11 I  | 1789 I |
| I NON ENCAD  | I 87 I | .74 I   | .67 I   | 112.00 I | .07 I  | 1584 I |
| I PRIVE      | I 75 I | 5.90 I  | 5.37 I  | 10.50 I  | .52 I  | 20 I   |
| I PRIVE      | I 76 I | 8.65 I  | 7.75 I  | 18.00 I  | .90 I  | 20 I   |
| I PRIVE      | I 77 I | 11.67 I | 10.05 I | 34.00 I  | 1.62 I | 21 I   |
| I PRIVE      | I 78 I | 8.09 I  | 8.00 I  | 2.00 I   | .09 I  | 23 I   |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET PAR ORGANISME DE TUTELLE

7.

MAURITANIE

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| TUTELLE | HIV    | 1       | 2       | 3         | 4      | 5       |
|---------|--------|---------|---------|-----------|--------|---------|
| I PRIVE | I 79 I | 8.15 I  | 7.40 I  | 18.00 I   | .75 I  | 24 I    |
| I PRIVE | I 80 I | 6.34 I  | 4.35 I  | 61.50 I   | 1.98 I | 31 I    |
| I PRIVE | I 81 I | 3.82 I  | 3.01 I  | 24.25 I   | .81 I  | 30 I    |
| I PRIVE | I 82 I | 2.18 I  | 1.96 I  | 12.40 I   | .21 I  | 58 I    |
| I PRIVE | I 83 I | .98 I   | .94 I   | 4.20 I    | .05 I  | 92 I    |
| I PRIVE | I 84 I | .68 I   | .60 I   | 10.00 I   | .07 I  | 138 I   |
| I PRIVE | I 85 I | 1.04 I  | .63 I   | 38.00 I   | .40 I  | 94 I    |
| I PRIVE | I 86 I | 24.48 I | 24.16 I | 6.50 I    | .32 I  | 20 I    |
| I PRIVE | I 87 I | 26.08 I | 25.40 I | 70.00 I   | .68 I  | 74 I    |
| I ENS   | I 75 I | .93 I   | .91 I   | 28.10 I   | .02 I  | 1195 I  |
| I ENS   | I 76 I | .82 I   | .81 I   | 25.50 I   | .02 I  | 1548 I  |
| I ENS   | I 77 I | .68 I   | .66 I   | 45.33 I   | .02 I  | 2579 I  |
| I ENS   | I 78 I | .46 I   | .45 I   | 66.12 I   | .01 I  | 4628 I  |
| I ENS   | I 79 I | .53 I   | .50 I   | 126.66 I  | .03 I  | 3846 I  |
| I ENS   | I 80 I | .46 I   | .41 I   | 364.72 I  | .05 I  | 6914 I  |
| I ENS   | I 81 I | .51 I   | .37 I   | 1032.53 I | .15 I  | 6911 I  |
| I ENS   | I 82 I | .55 I   | .53 I   | 146.25 I  | .02 I  | 6252 I  |
| I ENS   | I 83 I | .43 I   | .42 I   | 51.45 I   | .01 I  | 6492 I  |
| I ENS   | I 84 I | .42 I   | .40 I   | 111.33 I  | .01 I  | 10204 I |
| I ENS   | I 85 I | .44 I   | .41 I   | 245.20 I  | .02 I  | 10847 I |
| I ENS   | I 86 I | .61 I   | .58 I   | 282.20 I  | .03 I  | 10709 I |
| I ENS   | I 87 I | .68 I   | .67 I   | 185.12 I  | .01 I  | 11613 I |



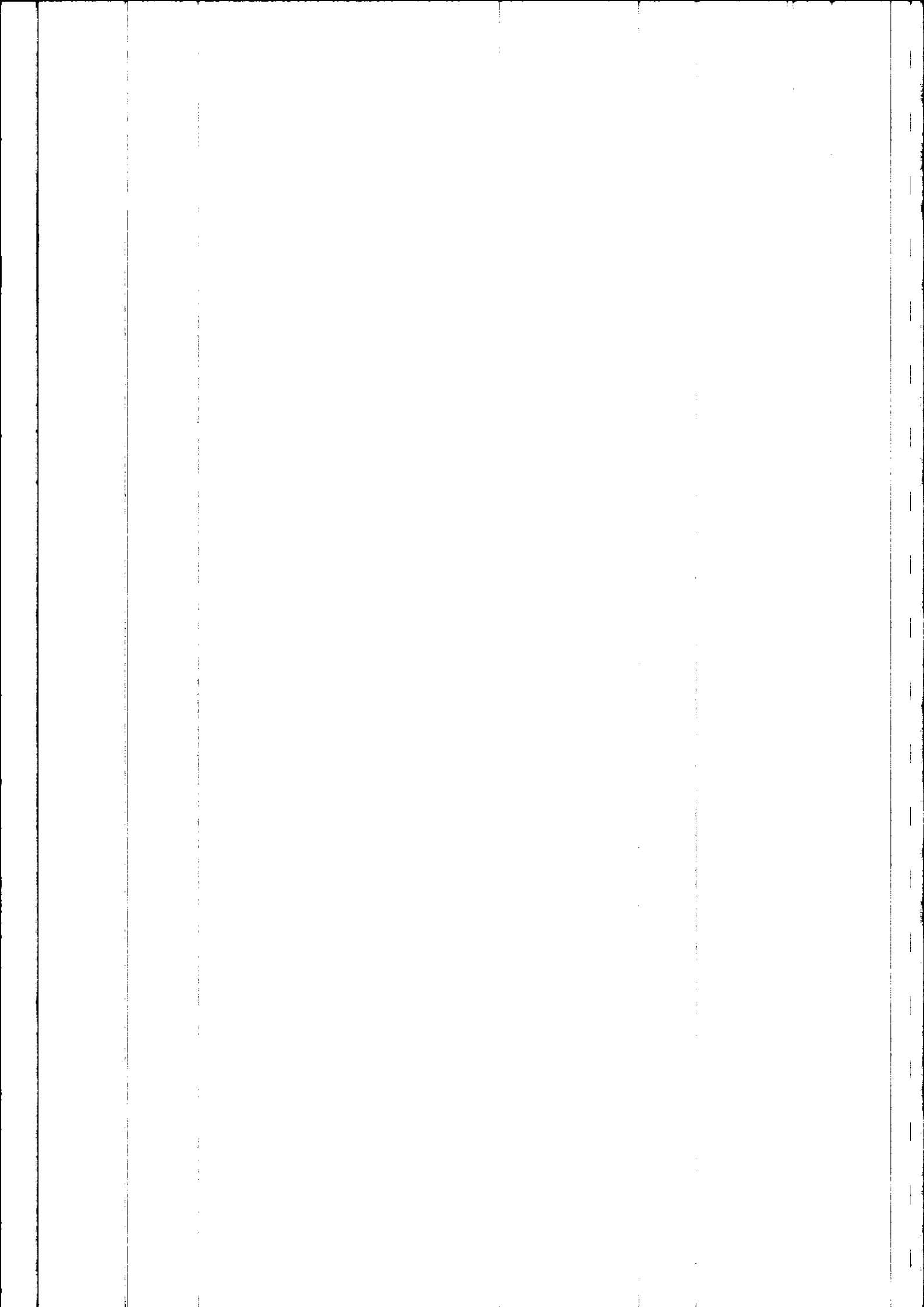
ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR PAYS ET PAR ORGANISME DE TUTELLE

8.

SENEGAL

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| TUTELLE     | #HIV   | 1       | 2       | 3         | 4      | 5       |
|-------------|--------|---------|---------|-----------|--------|---------|
| I SAED      | 1 75 I | .76 I   | .57 I   | 739.77 I  | .19 I  | 3854 I  |
| I SAED      | 1 76 I | .69 I   | .60 I   | 706.41 I  | .09 I  | 8233 I  |
| I SAED      | 1 77 I | .52 I   | .34 I   | 2083.41 I | .18 I  | 11781 I |
| I SAED      | 1 78 I | .51 I   | .45 I   | 1041.08 I | .07 I  | 15800 I |
| I SAED      | 1 79 I | .39 I   | .33 I   | 1148.23 I | .05 I  | 21407 I |
| I SAED      | 1 80 I | .43 I   | .32 I   | 2469.13 I | .11 I  | 22480 I |
| I SAED      | 1 81 I | .43 I   | .35 I   | 1706.48 I | .08 I  | 21319 I |
| I SAED      | 1 82 I | .48 I   | .43 I   | 1111.26 I | .05 I  | 21986 I |
| I SAED      | 1 83 I | .44 I   | .41 I   | 1049.58 I | .03 I  | 31534 I |
| I SAED      | 1 84 I | .44 I   | .40 I   | 1369.93 I | .04 I  | 34479 I |
| I SAED      | 1 85 I | .48 I   | .47 I   | 372.78 I  | .01 I  | 30925 I |
| I SAED      | 1 86 I | .51 I   | .49 I   | 504.44 I  | .02 I  | 30069 I |
| I SAED      | 1 87 I | .48 I   | .48 I   | 37.23 I   | .00 I  | 25189 I |
| I NON ENCAD | 1 75 I | .75 I   | .38 I   | 150.00 I  | .38 I  | 400 I   |
| I NON ENCAD | 1 76 I | .28 I   | .24 I   | 34.80 I   | .03 I  | 1104 I  |
| I NON ENCAD | 1 77 I | .32 I   | .22 I   | 153.40 I  | .10 I  | 1575 I  |
| I NON ENCAD | 1 78 I | .23 I   | .14 I   | 149.60 I  | .09 I  | 1734 I  |
| I NON ENCAD | 1 79 I | .24 I   | .20 I   | 68.21 I   | .04 I  | 1769 I  |
| I NON ENCAD | 1 80 I | .23 I   | .15 I   | 159.00 I  | .07 I  | 2124 I  |
| I NON ENCAD | 1 81 I | .27 I   | .11 I   | 290.46 I  | .16 I  | 1799 I  |
| I NON ENCAD | 1 82 I | .20 I   | .16 I   | 111.15 I  | .04 I  | 2673 I  |
| I NON ENCAD | 1 83 I | .36 I   | .32 I   | 110.83 I  | .05 I  | 2429 I  |
| I NON ENCAD | 1 84 I | .41 I   | .32 I   | 248.50 I  | .10 I  | 2556 I  |
| I NON ENCAD | 1 85 I | .37 I   | .36 I   | 25.00 I   | .01 I  | 3243 I  |
| I NON ENCAD | 1 86 I | .30 I   | .25 I   | 176.80 I  | .05 I  | 3636 I  |
| I NON ENCAD | 1 87 I | .37 I   | .37 I   | 16.50 I   | .00 I  | 3813 I  |
| I PRIVE     | 1 77 I | 2.50 I  | 2.50 I  | .00 I     | .00 I  | 1 I     |
| I PRIVE     | 1 78 I | .33 I   | .33 I   | .00 I     | .00 I  | 18 I    |
| I PRIVE     | 1 79 I | .50 I   | .44 I   | 1.00 I    | .05 I  | 19 I    |
| I PRIVE     | 1 80 I | .78 I   | .71 I   | 1.50 I    | .07 I  | 21 I    |
| I PRIVE     | 1 81 I | 1.43 I  | 1.18 I  | 6.03 I    | .25 I  | 24 I    |
| I PRIVE     | 1 82 I | 3.32 I  | 1.46 I  | 9.29 I    | 1.86 I | 5 I     |
| I PRIVE     | 1 83 I | 1.10 I  | 1.01 I  | 2.65 I    | .09 I  | 30 I    |
| I PRIVE     | 1 84 I | 12.30 I | 11.63 I | 2.00 I    | .67 I  | 3 I     |
| I PRIVE     | 1 85 I | 8.25 I  | 7.75 I  | 2.00 I    | .50 I  | 4 I     |
| I PRIVE     | 1 86 I | 16.40 I | 14.15 I | 22.50 I   | 2.25 I | 10 I    |
| I PRIVE     | 1 87 I | 16.40 I | 14.15 I | 63.20 I   | .33 I  | 251 I   |
| I ENS       | 1 75 I | .76 I   | .55 I   | 889.77 I  | .21 I  | 4254 I  |
| I ENS       | 1 76 I | .64 I   | .56 I   | 741.21 I  | .08 I  | 9337 I  |
| I ENS       | 1 77 I | .50 I   | .33 I   | 2236.81 I | .17 I  | 13357 I |
| I ENS       | 1 78 I | .48 I   | .42 I   | 1190.68 I | .07 I  | 17552 I |
| I ENS       | 1 79 I | .38 I   | .32 I   | 1217.44 I | .05 I  | 23195 I |
| I ENS       | 1 80 I | .41 I   | .31 I   | 2629.63 I | .11 I  | 24625 I |
| I ENS       | 1 81 I | .42 I   | .33 I   | 2002.97 I | .09 I  | 23142 I |
| I ENS       | 1 82 I | .45 I   | .40 I   | 1231.70 I | .05 I  | 24664 I |
| I ENS       | 1 83 I | .44 I   | .40 I   | 1163.06 I | .03 I  | 33993 I |
| I ENS       | 1 84 I | .44 I   | .39 I   | 1620.43 I | .04 I  | 37038 I |
| I ENS       | 1 85 I | .47 I   | .46 I   | 399.78 I  | .01 I  | 34172 I |
| I ENS       | 1 86 I | .49 I   | .47 I   | 703.74 I  | .02 I  | 33715 I |
| I ENS       | 1 87 I | .48 I   | .47 I   | 116.93 I  | .00 I  | 29253 I |



DELTA

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| +TYP        | #HIV | + | 1      | + | 2      | + | 3         | + | 4     | + | 5       | + |
|-------------|------|---|--------|---|--------|---|-----------|---|-------|---|---------|---|
| I           | GP   | I | I      | I | I      | I | I         | I | I     | I | I       | I |
| I GP I 75 I |      |   | 2.08 I |   | 1.58 I |   | 661.65 I  |   | .50 I |   | 1329 I  |   |
| I GP I 76 I |      |   | 1.82 I |   | 1.54 I |   | 695.91 I  |   | .28 I |   | 2490 I  |   |
| I GP I 77 I |      |   | 1.60 I |   | 1.04 I |   | 1561.68 I |   | .56 I |   | 2788 I  |   |
| I GP I 78 I |      |   | 1.70 I |   | 1.44 I |   | 875.89 I  |   | .26 I |   | 3346 I  |   |
| I GP I 79 I |      |   | 1.57 I |   | 1.28 I |   | 970.81 I  |   | .29 I |   | 3370 I  |   |
| I GP I 80 I |      |   | 1.47 I |   | .99 I  |   | 1829.94 I |   | .48 I |   | 3850 I  |   |
| I GP I 81 I |      |   | 1.29 I |   | .94 I  |   | 1329.65 I |   | .35 I |   | 3813 I  |   |
| I GP I 82 I |      |   | 1.85 I |   | 1.69 I |   | 442.18 I  |   | .16 I |   | 2777 I  |   |
| I GP I 83 I |      |   | .86 I  |   | .77 I  |   | 565.45 I  |   | .09 I |   | 6401 I  |   |
| I GP I 84 I |      |   | .90 I  |   | .77 I  |   | 866.41 I  |   | .13 I |   | 6555 I  |   |
| I GP I 85 I |      |   | .84 I  |   | .83 I  |   | 61.00 I   |   | .01 I |   | 6563 I  |   |
| I GP I 86 I |      |   | 1.32 I |   | 1.26 I |   | 298.54 I  |   | .07 I |   | 4567 I  |   |
| I GP I 87 I |      |   | 1.27 I |   | 1.27 I |   | 3.12 I    |   | .00 I |   | 3340 I  |   |
| I MP I 80 I |      |   | 1.21 I |   | 1.17 I |   | 17.67 I   |   | .04 I |   | 426 I   |   |
| I MP I 81 I |      |   | 1.16 I |   | 1.05 I |   | 138.03 I  |   | .12 I |   | 1177 I  |   |
| I MP I 82 I |      |   | .85 I  |   | .76 I  |   | 177.85 I  |   | .10 I |   | 1839 I  |   |
| I MP I 83 I |      |   | .99 I  |   | .96 I  |   | 46.60 I   |   | .03 I |   | 1764 I  |   |
| I MP I 84 I |      |   | 1.04 I |   | 1.00 I |   | 82.94 I   |   | .05 I |   | 1727 I  |   |
| I MP I 85 I |      |   | .96 I  |   | .96 I  |   | .00 I     |   | .00 I |   | 1712 I  |   |
| I MP I 86 I |      |   | .89 I  |   | .89 I  |   | .00 I     |   | .00 I |   | 1792 I  |   |
| I MP I 87 I |      |   | .72 I  |   | .72 I  |   | .00 I     |   | .00 I |   | 1117 I  |   |
| I PP I 75 I |      |   | .68 I  |   | .45 I  |   | 155.60 I  |   | .23 I |   | 681 I   |   |
| I PP I 76 I |      |   | .40 I  |   | .37 I  |   | 44.80 I   |   | .03 I |   | 1561 I  |   |
| I PP I 77 I |      |   | .43 I  |   | .30 I  |   | 272.73 I  |   | .13 I |   | 2128 I  |   |
| I PP I 78 I |      |   | .33 I  |   | .26 I  |   | 178.60 I  |   | .07 I |   | 2385 I  |   |
| I PP I 79 I |      |   | .33 I  |   | .29 I  |   | 92.76 I   |   | .04 I |   | 2430 I  |   |
| I PP I 80 I |      |   | .33 I  |   | .24 I  |   | 313.50 I  |   | .09 I |   | 3471 I  |   |
| I PP I 81 I |      |   | .36 I  |   | .24 I  |   | 384.87 I  |   | .12 I |   | 3135 I  |   |
| I PP I 82 I |      |   | .29 I  |   | .24 I  |   | 167.63 I  |   | .04 I |   | 4019 I  |   |
| I PP I 83 I |      |   | .38 I  |   | .34 I  |   | 182.76 I  |   | .04 I |   | 4309 I  |   |
| I PP I 84 I |      |   | .37 I  |   | .31 I  |   | 360.92 I  |   | .06 I |   | 5852 I  |   |
| I PP I 85 I |      |   | .46 I  |   | .43 I  |   | 160.50 I  |   | .03 I |   | 5551 I  |   |
| I PP I 86 I |      |   | .55 I  |   | .49 I  |   | 383.43 I  |   | .06 I |   | 6032 I  |   |
| I PP I 87 I |      |   | .76 I  |   | .72 I  |   | 225.50 I  |   | .03 I |   | 6914 I  |   |
| I EN I 75 I |      |   | 1.61 I |   | 1.20 I |   | 817.25 I  |   | .41 I |   | 2010 I  |   |
| I EN I 76 I |      |   | 1.27 I |   | 1.09 I |   | 740.71 I  |   | .18 I |   | 4051 I  |   |
| I EN I 77 I |      |   | 1.09 I |   | .72 I  |   | 1834.41 I |   | .37 I |   | 4916 I  |   |
| I EN I 78 I |      |   | 1.13 I |   | .95 I  |   | 1054.49 I |   | .18 I |   | 5731 I  |   |
| I EN I 79 I |      |   | 1.05 I |   | .87 I  |   | 1063.57 I |   | .18 I |   | 5800 I  |   |
| I EN I 80 I |      |   | .94 I  |   | .66 I  |   | 2161.11 I |   | .28 I |   | 7747 I  |   |
| I EN I 81 I |      |   | .91 I  |   | .69 I  |   | 1852.55 I |   | .23 I |   | 8125 I  |   |
| I EN I 82 I |      |   | .91 I  |   | .82 I  |   | 787.66 I  |   | .09 I |   | 8635 I  |   |
| I EN I 83 I |      |   | .71 I  |   | .65 I  |   | 794.81 I  |   | .06 I |   | 12474 I |   |
| I EN I 84 I |      |   | .70 I  |   | .60 I  |   | 1310.27 I |   | .09 I |   | 14134 I |   |
| I EN I 85 I |      |   | .70 I  |   | .68 I  |   | 221.50 I  |   | .02 I |   | 13826 I |   |
| I EN I 86 I |      |   | .89 I  |   | .83 I  |   | 681.97 I  |   | .06 I |   | 12391 I |   |
| I EN I 87 I |      |   | .90 I  |   | .88 I  |   | 228.62 I  |   | .02 I |   | 11371 I |   |



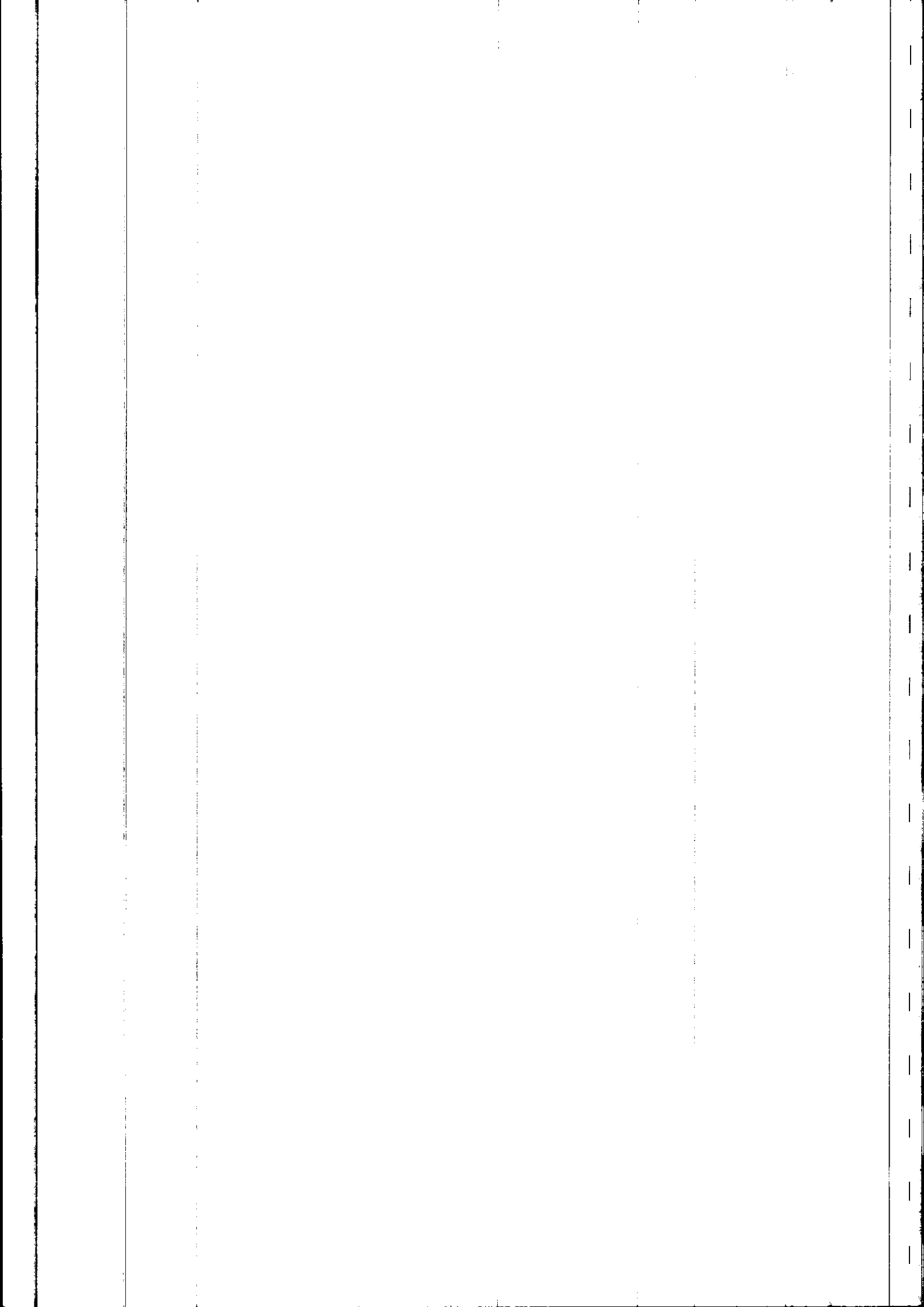
ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR ZONE GEOGRAPHIQUE ET TYPE DE PERIMETRE

10.

BASSE VALLEE

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| +TYP        | #HIV | + | 1      | + | 2      | + | 3        | + | 4     | + | 5      | + |
|-------------|------|---|--------|---|--------|---|----------|---|-------|---|--------|---|
| I GP I 75 I |      |   | .78 I  |   | .76 I  |   | 10.50 I  |   | .01 I |   | 709 I  |   |
| I GP I 76 I |      |   | .53 I  |   | .52 I  |   | 18.00 I  |   | .01 I |   | 1501 I |   |
| I GP I 77 I |      |   | .64 I  |   | .39 I  |   | 399.18 I |   | .25 I |   | 1606 I |   |
| I GP I 78 I |      |   | .69 I  |   | .65 I  |   | 63.00 I  |   | .04 I |   | 1606 I |   |
| I GP I 79 I |      |   | .67 I  |   | .59 I  |   | 132.08 I |   | .08 I |   | 1606 I |   |
| I GP I 80 I |      |   | .73 I  |   | .52 I  |   | 330.00 I |   | .21 I |   | 1606 I |   |
| I GP I 81 I |      |   | .47 I  |   | .28 I  |   | 284.87 I |   | .19 I |   | 1506 I |   |
| I GP I 82 I |      |   | .60 I  |   | .56 I  |   | 73.20 I  |   | .04 I |   | 1766 I |   |
| I GP I 83 I |      |   | .94 I  |   | .88 I  |   | 99.36 I  |   | .07 I |   | 1506 I |   |
| I GP I 84 I |      |   | .90 I  |   | .81 I  |   | 138.22 I |   | .09 I |   | 1525 I |   |
| I GP I 85 I |      |   | 1.00 I |   | .86 I  |   | 210.08 I |   | .14 I |   | 1505 I |   |
| I GP I 86 I |      |   | 1.03 I |   | 1.03 I |   | .00 I    |   | .00 I |   | 616 I  |   |
| I GP I 87 I |      |   | 1.03 I |   | 1.01 I |   | 5.00 I   |   | .01 I |   | 401 I  |   |
| I MP I 76 I |      |   | .95 I  |   | .95 I  |   | .00 I    |   | .00 I |   | 105 I  |   |
| I MP I 77 I |      |   | .89 I  |   | .70 I  |   | 20.09 I  |   | .19 I |   | 105 I  |   |
| I MP I 78 I |      |   | .89 I  |   | .89 I  |   | .00 I    |   | .00 I |   | 105 I  |   |
| I MP I 79 I |      |   | .89 I  |   | .88 I  |   | 1.30 I   |   | .01 I |   | 105 I  |   |
| I MP I 80 I |      |   | 1.10 I |   | 1.00 I |   | 26.42 I  |   | .10 I |   | 256 I  |   |
| I MP I 81 I |      |   | 1.25 I |   | 1.12 I |   | 34.67 I  |   | .14 I |   | 255 I  |   |
| I MP I 82 I |      |   | 1.73 I |   | 1.62 I |   | 37.43 I  |   | .11 I |   | 350 I  |   |
| I MP I 83 I |      |   | 1.07 I |   | 1.03 I |   | 13.00 I  |   | .03 I |   | 397 I  |   |
| I MP I 84 I |      |   | .91 I  |   | .84 I  |   | 29.04 I  |   | .07 I |   | 397 I  |   |
| I MP I 85 I |      |   | .91 I  |   | .91 I  |   | .00 I    |   | .00 I |   | 303 I  |   |
| I MP I 86 I |      |   | 1.17 I |   | 1.17 I |   | .00 I    |   | .00 I |   | 196 I  |   |
| I MP I 87 I |      |   | .96 I  |   | .96 I  |   | .00 I    |   | .00 I |   | 89 I   |   |
| I PP I 75 I |      |   | 1.12 I |   | 1.12 I |   | .00 I    |   | .00 I |   | 16 I   |   |
| I PP I 76 I |      |   | .98 I  |   | .94 I  |   | 1.50 I   |   | .05 I |   | 31 I   |   |
| I PP I 77 I |      |   | .33 I  |   | .31 I  |   | 3.50 I   |   | .02 I |   | 203 I  |   |
| I PP I 78 I |      |   | .24 I  |   | .23 I  |   | 3.80 I   |   | .01 I |   | 478 I  |   |
| I PP I 79 I |      |   | .27 I  |   | .26 I  |   | 2.51 I   |   | .01 I |   | 423 I  |   |
| I PP I 80 I |      |   | .27 I  |   | .25 I  |   | 15.10 I  |   | .02 I |   | 804 I  |   |
| I PP I 81 I |      |   | .34 I  |   | .27 I  |   | 60.56 I  |   | .07 I |   | 829 I  |   |
| I PP I 82 I |      |   | .33 I  |   | .28 I  |   | 74.42 I  |   | .05 I |   | 1440 I |   |
| I PP I 83 I |      |   | .34 I  |   | .33 I  |   | 10.70 I  |   | .01 I |   | 1582 I |   |
| I PP I 84 I |      |   | .36 I  |   | .35 I  |   | 12.13 I  |   | .01 I |   | 1738 I |   |
| I PP I 85 I |      |   | .35 I  |   | .34 I  |   | 23.70 I  |   | .01 I |   | 2310 I |   |
| I PP I 86 I |      |   | .66 I  |   | .66 I  |   | 18.50 I  |   | .01 I |   | 2468 I |   |
| I PP I 87 I |      |   | .52 I  |   | .51 I  |   | 28.20 I  |   | .01 I |   | 2467 I |   |
| I EN I 75 I |      |   | .78 I  |   | .77 I  |   | 10.50 I  |   | .01 I |   | 725 I  |   |
| I EN I 76 I |      |   | .57 I  |   | .56 I  |   | 19.50 I  |   | .01 I |   | 1637 I |   |
| I EN I 77 I |      |   | .62 I  |   | .40 I  |   | 422.77 I |   | .22 I |   | 1914 I |   |
| I EN I 78 I |      |   | .60 I  |   | .57 I  |   | 66.80 I  |   | .03 I |   | 2189 I |   |
| I EN I 79 I |      |   | .60 I  |   | .54 I  |   | 135.89 I |   | .06 I |   | 2134 I |   |
| I EN I 80 I |      |   | .63 I  |   | .49 I  |   | 371.52 I |   | .14 I |   | 2666 I |   |
| I EN I 81 I |      |   | .50 I  |   | .36 I  |   | 380.10 I |   | .15 I |   | 2590 I |   |
| I EN I 82 I |      |   | .60 I  |   | .55 I  |   | 185.05 I |   | .05 I |   | 3556 I |   |
| I EN I 83 I |      |   | .68 I  |   | .65 I  |   | 123.06 I |   | .04 I |   | 3485 I |   |
| I EN I 84 I |      |   | .64 I  |   | .60 I  |   | 179.39 I |   | .05 I |   | 3660 I |   |
| I EN I 85 I |      |   | .63 I  |   | .57 I  |   | 233.78 I |   | .06 I |   | 4118 I |   |
| I EN I 86 I |      |   | .76 I  |   | .76 I  |   | 18.50 I  |   | .01 I |   | 3280 I |   |
| I EN I 87 I |      |   | .60 I  |   | .59 I  |   | 33.20 I  |   | .01 I |   | 2957 I |   |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR ZONE GEOGRAPHIQUE ET TYPE DE PERIMETRE

11.

MOYENNE VALLE AVAL

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| I---I---I |        | I---I---I |   | I---I---I |   | I---I---I |   | I---I---I |   |
|-----------|--------|-----------|---|-----------|---|-----------|---|-----------|---|
| +TYP      | #HIV + | 1         | + | 2         | + | 3         | + | 4         | + |
| I---I---I |        | I---I---I |   | I---I---I |   | I---I---I |   | I---I---I |   |
| I GP      | I 75 I | .33 I     |   | .25 I     |   | 74.12 I   |   | .09 I     |   |
| I GP      | I 76 I | .79 I     |   | .79 I     |   | .00 I     |   | .00 I     |   |
| I GP      | I 77 I | .60 I     |   | .60 I     |   | .00 I     |   | .00 I     |   |
| I GP      | I 78 I | .54 I     |   | .50 I     |   | 40.00 I   |   | .04 I     |   |
| I GP      | I 79 I | .46 I     |   | .44 I     |   | 20.30 I   |   | .02 I     |   |
| I GP      | I 80 I | .66 I     |   | .62 I     |   | 32.30 I   |   | .04 I     |   |
| I GP      | I 81 I | .65 I     |   | .62 I     |   | 27.89 I   |   | .03 I     |   |
| I GP      | I 82 I | .54 I     |   | .41 I     |   | 123.69 I  |   | .13 I     |   |
| I GP      | I 83 I | .54 I     |   | .52 I     |   | 27.61 I   |   | .02 I     |   |
| I GP      | I 84 I | .72 I     |   | .72 I     |   | .00 I     |   | .00 I     |   |
| I GP      | I 85 I | .59 I     |   | .58 I     |   | 4.32 I    |   | .00 I     |   |
| I GP      | I 86 I | 1.04 I    |   | 1.03 I    |   | 13.34 I   |   | .01 I     |   |
| I GP      | I 87 I | 1.30 I    |   | 1.29 I    |   | 12.23 I   |   | .01 I     |   |
| I MP      | I 77 I | 1.07 I    |   | 1.07 I    |   | .00 I     |   | .00 I     |   |
| I MP      | I 78 I | 2.40 I    |   | 2.40 I    |   | .00 I     |   | .00 I     |   |
| I MP      | I 80 I | 1.93 I    |   | 1.93 I    |   | .00 I     |   | .00 I     |   |
| I MP      | I 81 I | .97 I     |   | .83 I     |   | 17.63 I   |   | .14 I     |   |
| I MP      | I 82 I | 1.22 I    |   | .92 I     |   | 34.37 I   |   | .29 I     |   |
| I MP      | I 83 I | 1.11 I    |   | 1.09 I    |   | 2.03 I    |   | .02 I     |   |
| I MP      | I 84 I | .42 I     |   | .42 I     |   | .00 I     |   | .00 I     |   |
| I MP      | I 85 I | .49 I     |   | .43 I     |   | 21.00 I   |   | .06 I     |   |
| I MP      | I 86 I | .43 I     |   | .41 I     |   | 5.56 I    |   | .02 I     |   |
| I MP      | I 87 I | .15 I     |   | .15 I     |   | .00 I     |   | .00 I     |   |
| I PP      | I 75 I | .22 I     |   | .20 I     |   | 16.00 I   |   | .02 I     |   |
| I PP      | I 76 I | .18 I     |   | .18 I     |   | .00 I     |   | .00 I     |   |
| I PP      | I 77 I | .13 I     |   | .13 I     |   | 4.04 I    |   | .00 I     |   |
| I PP      | I 78 I | .14 I     |   | .13 I     |   | 31.48 I   |   | .01 I     |   |
| I PP      | I 79 I | .13 I     |   | .12 I     |   | 58.95 I   |   | .01 I     |   |
| I PP      | I 80 I | .13 I     |   | .11 I     |   | 146.45 I  |   | .02 I     |   |
| I PP      | I 81 I | .14 I     |   | .12 I     |   | 154.86 I  |   | .02 I     |   |
| I PP      | I 82 I | .17 I     |   | .15 I     |   | 126.97 I  |   | .01 I     |   |
| I PP      | I 83 I | .19 I     |   | .17 I     |   | 185.50 I  |   | .01 I     |   |
| I PP      | I 84 I | .18 I     |   | .17 I     |   | 113.24 I  |   | .01 I     |   |
| I PP      | I 85 I | .23 I     |   | .22 I     |   | 80.25 I   |   | .01 I     |   |
| I PP      | I 86 I | .26 I     |   | .26 I     |   | 13.00 I   |   | .00 I     |   |
| I PP      | I 87 I | .27 I     |   | .26 I     |   | 28.00 I   |   | .00 I     |   |
| I EN      | I 75 I | .28 I     |   | .23 I     |   | 90.12 I   |   | .06 I     |   |
| I EN      | I 76 I | .47 I     |   | .47 I     |   | .00 I     |   | .00 I     |   |
| I EN      | I 77 I | .24 I     |   | .24 I     |   | 4.04 I    |   | .00 I     |   |
| I EN      | I 78 I | .21 I     |   | .20 I     |   | 71.48 I   |   | .01 I     |   |
| I EN      | I 79 I | .16 I     |   | .15 I     |   | 79.25 I   |   | .01 I     |   |
| I EN      | I 80 I | .17 I     |   | .15 I     |   | 178.75 I  |   | .02 I     |   |
| I EN      | I 81 I | .19 I     |   | .17 I     |   | 200.38 I  |   | .02 I     |   |
| I EN      | I 82 I | .21 I     |   | .18 I     |   | 285.03 I  |   | .03 I     |   |
| I EN      | I 83 I | .23 I     |   | .22 I     |   | 215.14 I  |   | .02 I     |   |
| I EN      | I 84 I | .25 I     |   | .25 I     |   | 113.24 I  |   | .01 I     |   |
| I EN      | I 85 I | .29 I     |   | .29 I     |   | 105.57 I  |   | .01 I     |   |
| I EN      | I 86 I | .37 I     |   | .37 I     |   | 31.90 I   |   | .00 I     |   |
| I EN      | I 87 I | .37 I     |   | .37 I     |   | 40.23 I   |   | .00 I     |   |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR ZONE GEOGRAPHIQUE ET TYPE DE PERIMETRE

12.

MOYENNE VALLEE AMONT

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| I---I---I---I---I |        | I---I---I---I---I |        | I---I---I---I---I |     | I---I---I---I---I |        | I---I---I---I---I |        | I---I---I---I---I |       |
|-------------------|--------|-------------------|--------|-------------------|-----|-------------------|--------|-------------------|--------|-------------------|-------|
| +TYP              | #HIV + | 1                 | +      | 2                 | +   | 3                 | +      | 4                 | +      | 5                 | +     |
| I---I---I---I---I |        | I---I---I---I---I |        | I---I---I---I---I |     | I---I---I---I---I |        | I---I---I---I---I |        | I---I---I---I---I |       |
| I GP              | I 77   | I                 | .59    | I                 | .59 | I                 | .00    | I                 | .00    | I                 | 251   |
| I GP              | I 78   | I                 | .68    | I                 | .64 | I                 | 20.00  | I                 | .04    | I                 | 561   |
| I GP              | I 79   | I                 | .74    | I                 | .74 | I                 | .00    | I                 | .00    | I                 | 144   |
| I GP              | I 80   | I                 | .50    | I                 | .50 | I                 | .00    | I                 | .00    | I                 | 757   |
| I GP              | I 81   | I                 | 580.00 | I                 | .00 | I                 | 580.00 | I                 | 580.00 | I                 | 1     |
| I GP              | I 82   | I                 | .86    | I                 | .86 | I                 | .00    | I                 | .00    | I                 | 675   |
| I GP              | I 83   | I                 | .91    | I                 | .91 | I                 | .00    | I                 | .00    | I                 | 675   |
| I GP              | I 84   | I                 | .90    | I                 | .90 | I                 | .00    | I                 | .00    | I                 | 760   |
| I GP              | I 85   | I                 | .52    | I                 | .52 | I                 | .00    | I                 | .00    | I                 | 1336  |
| I GP              | I 86   | I                 | .50    | I                 | .50 | I                 | .00    | I                 | .00    | I                 | 1380  |
| I GP              | I 87   | I                 | .86    | I                 | .86 | I                 | .00    | I                 | .00    | I                 | 800   |
| I PP              | I 75   | I                 | .21    | I                 | .21 | I                 | .00    | I                 | .00    | I                 | 405   |
| I PP              | I 76   | I                 | .18    | I                 | .18 | I                 | 6.50   | I                 | .00    | I                 | 1507  |
| I PP              | I 77   | I                 | .22    | I                 | .21 | I                 | 20.92  | I                 | .01    | I                 | 1744  |
| I PP              | I 78   | I                 | .21    | I                 | .20 | I                 | 27.57  | I                 | .01    | I                 | 3250  |
| I PP              | I 79   | I                 | .24    | I                 | .23 | I                 | 65.39  | I                 | .01    | I                 | 5182  |
| I PP              | I 80   | I                 | .26    | I                 | .22 | I                 | 273.20 | I                 | .04    | I                 | 7033  |
| I PP              | I 81   | I                 | .26    | I                 | .26 | I                 | 14.97  | I                 | .00    | I                 | 5823  |
| I PP              | I 82   | I                 | .28    | I                 | .26 | I                 | 77.91  | I                 | .02    | I                 | 4999  |
| I PP              | I 83   | I                 | .29    | I                 | .28 | I                 | 66.00  | I                 | .01    | I                 | 6499  |
| I PP              | I 84   | I                 | .29    | I                 | .28 | I                 | 96.86  | I                 | .01    | I                 | 9559  |
| I PP              | I 85   | I                 | .34    | I                 | .33 | I                 | 67.60  | I                 | .01    | I                 | 8939  |
| I PP              | I 86   | I                 | .35    | I                 | .33 | I                 | 122.57 | I                 | .01    | I                 | 9229  |
| I PP              | I 87   | I                 | .36    | I                 | .36 | I                 | .00    | I                 | .00    | I                 | 9029  |
| I EN              | I 75   | I                 | .21    | I                 | .21 | I                 | .00    | I                 | .00    | I                 | 405   |
| I EN              | I 76   | I                 | .18    | I                 | .18 | I                 | 6.50   | I                 | .00    | I                 | 1507  |
| I EN              | I 77   | I                 | .26    | I                 | .25 | I                 | 20.92  | I                 | .01    | I                 | 1995  |
| I EN              | I 78   | I                 | .28    | I                 | .27 | I                 | 47.57  | I                 | .01    | I                 | 3811  |
| I EN              | I 79   | I                 | .26    | I                 | .25 | I                 | 65.39  | I                 | .01    | I                 | 5326  |
| I EN              | I 80   | I                 | .28    | I                 | .25 | I                 | 273.20 | I                 | .04    | I                 | 7790  |
| I EN              | I 81   | I                 | .36    | I                 | .26 | I                 | 594.97 | I                 | .10    | I                 | 5824  |
| I EN              | I 82   | I                 | .35    | I                 | .33 | I                 | 77.91  | I                 | .01    | I                 | 5673  |
| I EN              | I 83   | I                 | .35    | I                 | .34 | I                 | 66.00  | I                 | .01    | I                 | 7174  |
| I EN              | I 84   | I                 | .33    | I                 | .32 | I                 | 96.86  | I                 | .01    | I                 | 10319 |
| I EN              | I 85   | I                 | .36    | I                 | .36 | I                 | 67.60  | I                 | .01    | I                 | 10275 |
| I EN              | I 86   | I                 | .37    | I                 | .36 | I                 | 122.57 | I                 | .01    | I                 | 10609 |
| I EN              | I 87   | I                 | .40    | I                 | .40 | I                 | .00    | I                 | .00    | I                 | 9829  |



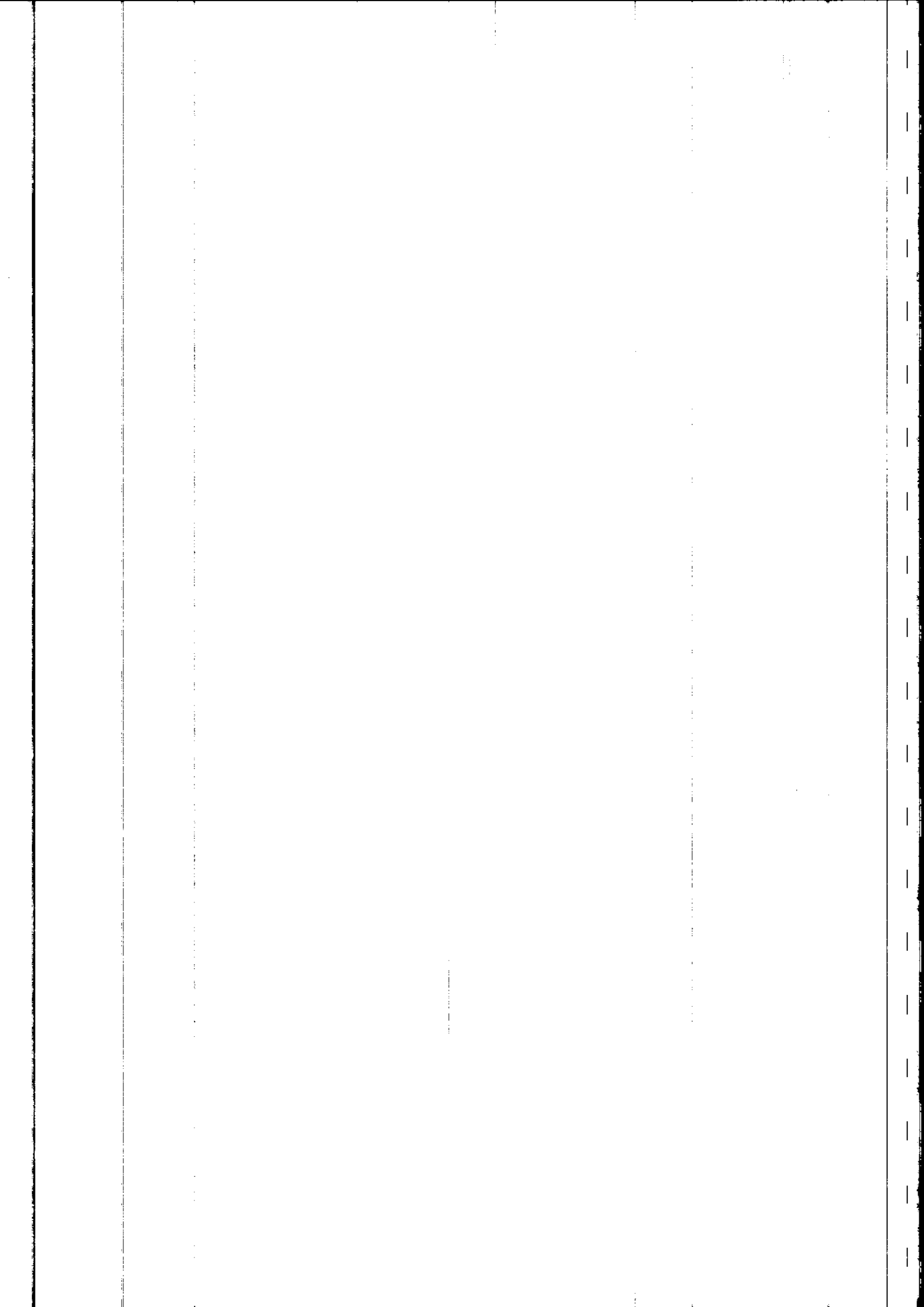
ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR ZONE GEOGRAPHIQUE ET TYPE DE PERIMETRE

13.

HAUTE VALLEE

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| I---I---I---I---I |        | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   |
|-------------------|--------|-------------------|---|-------------------|---|-------------------|---|-------------------|---|-------------------|---|
| +TYP              | #HIV + | 1                 | + | 2                 | + | 3                 | + | 4                 | + | 5                 | + |
| I---I---I---I---I |        | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   |
| I PP I 75 I       |        | .03 I             |   | .03 I             |   | .00 I             |   | .00 I             |   | 720 I             |   |
| I PP I 76 I       |        | .03 I             |   | .03 I             |   | .00 I             |   | .00 I             |   | 1916 I            |   |
| I PP I 77 I       |        | .04 I             |   | .04 I             |   | .00 I             |   | .00 I             |   | 2072 I            |   |
| I PP I 78 I       |        | .08 I             |   | .08 I             |   | 16.46 I           |   | .01 I             |   | 3047 I            |   |
| I PP I 79 I       |        | .10 I             |   | .10 I             |   | .00 I             |   | .00 I             |   | 3183 I            |   |
| I PP I 80 I       |        | .14 I             |   | .13 I             |   | 9.77 I            |   | .00 I             |   | 2888 I            |   |
| I PP I 81 I       |        | .15 I             |   | .15 I             |   | 7.50 I            |   | .00 I             |   | 2794 I            |   |
| I PP I 82 I       |        | .13 I             |   | .12 I             |   | 42.30 I           |   | .01 I             |   | 3058 I            |   |
| I PP I 83 I       |        | .18 I             |   | .17 I             |   | 15.50 I           |   | .00 I             |   | 3132 I            |   |
| I PP I 84 I       |        | .24 I             |   | .23 I             |   | 32.00 I           |   | .01 I             |   | 3127 I            |   |
| I PP I 85 I       |        | .27 I             |   | .26 I             |   | 16.53 I           |   | .01 I             |   | 3171 I            |   |
| I PP I 86 I       |        | .18 I             |   | .16 I             |   | 131.00 I          |   | .02 I             |   | 5775 I            |   |
| I PP I 87 I       |        | .27 I             |   | .27 I             |   | .00 I             |   | .00 I             |   | 3733 I            |   |
| I EN I 75 I       |        | .03 I             |   | .03 I             |   | .00 I             |   | .00 I             |   | 720 I             |   |
| I EN I 76 I       |        | .03 I             |   | .03 I             |   | .00 I             |   | .00 I             |   | 1916 I            |   |
| I EN I 77 I       |        | .04 I             |   | .04 I             |   | .00 I             |   | .00 I             |   | 2072 I            |   |
| I EN I 78 I       |        | .08 I             |   | .08 I             |   | 16.46 I           |   | .01 I             |   | 3047 I            |   |
| I EN I 79 I       |        | .10 I             |   | .10 I             |   | .00 I             |   | .00 I             |   | 3183 I            |   |
| I EN I 80 I       |        | .14 I             |   | .13 I             |   | 9.77 I            |   | .00 I             |   | 2888 I            |   |
| I EN I 81 I       |        | .15 I             |   | .15 I             |   | 7.50 I            |   | .00 I             |   | 2794 I            |   |
| I EN I 82 I       |        | .13 I             |   | .12 I             |   | 42.30 I           |   | .01 I             |   | 3058 I            |   |
| I EN I 83 I       |        | .18 I             |   | .17 I             |   | 15.50 I           |   | .00 I             |   | 3132 I            |   |
| I EN I 84 I       |        | .24 I             |   | .23 I             |   | 32.00 I           |   | .01 I             |   | 3127 I            |   |
| I EN I 85 I       |        | .27 I             |   | .26 I             |   | 16.53 I           |   | .01 I             |   | 3171 I            |   |
| I EN I 86 I       |        | .18 I             |   | .16 I             |   | 131.00 I          |   | .02 I             |   | 5775 I            |   |
| I EN I 87 I       |        | .27 I             |   | .27 I             |   | .00 I             |   | .00 I             |   | 3733 I            |   |



ETUDE DE L'EVOLUTION DES SUPERFICIES PAR EXPLOITANT  
PAR ZONE GEOGRAPHIQUE ET TYPE DE PERIMETRE

14.

HAUT BASSIN

- 1 : SUPERFICIE CULTIVEE PAR EXPLOITANT  
2 : SUPERFICIE RECOLTEE PAR EXPLOITANT  
3 : SUPERFICIE SINISTREE EN Ha  
4 : SUPERFICIE SINISTREE PAR EXPLOITANT  
5 : NOMBRE D'EXPLOITANTS

| I---I---I---I---I | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   |                   |   |
|-------------------|-------------------|---|-------------------|---|-------------------|---|-------------------|---|-------------------|---|
| +TYP #HIV +       | 1                 | + | 2                 | + | 3                 | + | 4                 | + | 5                 | + |
| I---I---I---I---I | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   | I---I---I---I---I |   |
| I PP I 75 I       | .04 I             |   | .04 I             |   | .00 I             |   | .00 I             |   | 25 I              |   |
| I PP I 76 I       | .46 I             |   | .46 I             |   | .00 I             |   | .00 I             |   | 148 I             |   |
| I PP I 77 I       | .35 I             |   | .32 I             |   | 7.00 I            |   | .03 I             |   | 231 I             |   |
| I PP I 78 I       | .39 I             |   | .37 I             |   | 5.00 I            |   | .02 I             |   | 246 I             |   |
| I PP I 79 I       | .29 I             |   | .28 I             |   | 3.00 I            |   | .01 I             |   | 338 I             |   |
| I PP I 80 I       | .25 I             |   | .22 I             |   | 9.50 I            |   | .03 I             |   | 320 I             |   |
| I PP I 81 I       | .27 I             |   | .26 I             |   | 2.63 I            |   | .01 I             |   | 332 I             |   |
| I PP I 82 I       | .22 I             |   | .17 I             |   | 24.83 I           |   | .05 I             |   | 485 I             |   |
| I PP I 83 I       | .28 I             |   | .23 I             |   | 20.30 I           |   | .05 I             |   | 424 I             |   |
| I PP I 84 I       | .23 I             |   | .21 I             |   | 4.78 I            |   | .01 I             |   | 444 I             |   |
| I PP I 85 I       | .24 I             |   | .24 I             |   | .00 I             |   | .00 I             |   | 478 I             |   |
| I PP I 86 I       | .21 I             |   | .20 I             |   | 5.25 I            |   | .01 I             |   | 693 I             |   |
| I PP I 87 I       | .21 I             |   | .20 I             |   | 17.54 I           |   | .05 I             |   | 389 I             |   |
| I EN I 75 I       | .04 I             |   | .04 I             |   | .00 I             |   | .00 I             |   | 25 I              |   |
| I EN I 76 I       | .46 I             |   | .46 I             |   | .00 I             |   | .00 I             |   | 148 I             |   |
| I EN I 77 I       | .35 I             |   | .32 I             |   | 7.00 I            |   | .03 I             |   | 231 I             |   |
| I EN I 78 I       | .39 I             |   | .37 I             |   | 5.00 I            |   | .02 I             |   | 246 I             |   |
| I EN I 79 I       | .29 I             |   | .28 I             |   | 3.00 I            |   | .01 I             |   | 338 I             |   |
| I EN I 80 I       | .25 I             |   | .22 I             |   | 9.50 I            |   | .03 I             |   | 320 I             |   |
| I EN I 81 I       | .27 I             |   | .26 I             |   | 2.63 I            |   | .01 I             |   | 332 I             |   |
| I EN I 82 I       | .22 I             |   | .17 I             |   | 24.83 I           |   | .05 I             |   | 485 I             |   |
| I EN I 83 I       | .28 I             |   | .23 I             |   | 20.30 I           |   | .05 I             |   | 424 I             |   |
| I EN I 84 I       | .23 I             |   | .21 I             |   | 4.78 I            |   | .01 I             |   | 444 I             |   |
| I EN I 85 I       | .24 I             |   | .24 I             |   | .00 I             |   | .00 I             |   | 478 I             |   |
| I EN I 86 I       | .21 I             |   | .20 I             |   | 5.25 I            |   | .01 I             |   | 693 I             |   |
| I EN I 87 I       | .31 I             |   | .26 I             |   | 17.54 I           |   | .05 I             |   | 389 I             |   |
| +---+---+---+---+ | +---+---+---+---+ |   | +---+---+---+---+ |   | +---+---+---+---+ |   | +---+---+---+---+ |   | +---+---+---+---+ |   |



TROISIEME PARTIE

PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE  
RECOLTEE DE 1980 à 1987  
POUR L'EMSEMBLE BASSIN ET PAR TYPE DE PERIMETRE  
N.B. AN 80 = Hivernage 80 + csf 80/81 + csc 81

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PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

1.

POUR L'ENSEMBLE BASSIN ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

Unites en Tonnes / Ha

ENSEMBLE BASSIN

| + TYP +   | AN +        | RIZ  |       | MAIS |          | SORGH |       | TOMATE |          | NIEBE |       |
|-----------|-------------|------|-------|------|----------|-------|-------|--------|----------|-------|-------|
|           |             | PROD | REND  | PROD | REND     | PROD  | REND  | PROD   | REND     | PROD  | REND  |
| + GP + 80 | + 20992.880 | +    | 3.711 | +    | 141.000  | +     | 3.000 | +      | .000     | +     | .000  |
| + GP + 81 | + 17549.150 | +    | 3.614 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + GP + 82 | + 27546.870 | +    | 4.064 | +    | 59.084   | +     | .557  | +      | 3.600    | +     | 1.200 |
| + GP + 83 | + 35125.390 | +    | 4.588 | +    | 68.850   | +     | .850  | +      | .000     | +     | .000  |
| + GP + 84 | + 38683.790 | +    | 4.625 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + GP + 85 | + 41098.530 | +    | 4.636 | +    | 7.044    | +     | 4.696 | +      | 4.264    | +     | 2.843 |
| + GP + 86 | + 44383.130 | +    | 5.065 | +    | 157.500  | +     | 1.000 | +      | 41.464   | +     | .800  |
| + GP + 87 | + 32430.140 | +    | 4.678 | +    | 500.580  | +     | 2.450 | +      | .000     | +     | .000  |
| + MP + 80 | + 4302.924  | +    | 5.051 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 81 | + 8226.621  | +    | 4.369 | +    | 48.300   | +     | 4.600 | +      | .000     | +     | .000  |
| + MP + 82 | + 9671.129  | +    | 4.792 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 83 | + 11089.500 | +    | 5.416 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 84 | + 10526.960 | +    | 4.757 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 85 | + 10688.070 | +    | 4.791 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 86 | + 8701.722  | +    | 4.430 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + MP + 87 | + 4184.152  | +    | 4.509 | +    | .000     | +     | .000  | +      | .000     | +     | .000  |
| + PP + 80 | + 16380.800 | +    | 4.204 | +    | 3608.703 | +     | 2.380 | +      | 77.615   | +     | 1.905 |
| + PP + 81 | + 19669.010 | +    | 4.672 | +    | 5485.628 | +     | 3.096 | +      | 119.095  | +     | 1.409 |
| + PP + 82 | + 20476.580 | +    | 3.874 | +    | 3748.389 | +     | 2.401 | +      | 139.054  | +     | 1.286 |
| + PP + 83 | + 35736.040 | +    | 4.820 | +    | 4701.869 | +     | 2.281 | +      | 159.790  | +     | 1.942 |
| + PP + 84 | + 35081.520 | +    | 4.580 | +    | 3574.783 | +     | 2.297 | +      | 327.659  | +     | 2.214 |
| + PP + 85 | + 36719.850 | +    | 4.531 | +    | 5430.226 | +     | 2.390 | +      | 1568.015 | +     | 2.079 |
| + PP + 86 | + 43013.200 | +    | 4.794 | +    | 7097.887 | +     | 2.295 | +      | 1948.988 | +     | 2.050 |
| + PP + 87 | + 54049.010 | +    | 4.512 | +    | 1351.532 | +     | 1.985 | +      | 2056.189 | +     | 1.985 |
| + .. + 80 | + 41676.610 | +    | 4.006 | +    | 3749.703 | +     | 2.398 | +      | 77.615   | +     | 1.905 |
| + .. + 81 | + 45444.790 | +    | 4.150 | +    | 5533.928 | +     | 3.105 | +      | 119.095  | +     | 1.409 |
| + .. + 82 | + 57694.580 | +    | 4.097 | +    | 3807.473 | +     | 2.284 | +      | 142.654  | +     | 1.284 |
| + .. + 83 | + 81950.920 | +    | 4.787 | +    | 4770.719 | +     | 2.227 | +      | 159.790  | +     | 1.942 |
| + .. + 84 | + 84292.280 | +    | 4.622 | +    | 3574.783 | +     | 2.297 | +      | 327.659  | +     | 2.214 |
| + .. + 85 | + 88506.450 | +    | 4.610 | +    | 5437.270 | +     | 2.392 | +      | 1572.279 | +     | 2.081 |
| + .. + 86 | + 96098.050 | +    | 4.878 | +    | 7255.387 | +     | 2.233 | +      | 1990.452 | +     | 1.985 |
| + .. + 87 | + 90663.310 | +    | 4.570 | +    | 1852.112 | +     | 2.089 | +      | 2056.189 | +     | 1.985 |



## SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION

DE 1980 A 1987

2.

PAR PAYS ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unite en Ha

MALI

|      |      | RIZ     |         | MAIS    |         | SORGHO  |         | TOMATE |        | NIEBE  |        |       |      |
|------|------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|------|
| +TYP | +AN  | +CULT   | +REC    | +CULT   | +REC    | +CULT   | +REC    | +CULT  | +REC   | +CULT  | +REC   | +CULT | +REC |
| + PP | + 80 | + .00   | + .00   | + 35.51 | + 32.84 | + 15.75 | + 15.75 | + 7.22 | + 7.22 | + .52  | + .52  |       |      |
| + PP | + 81 | + 2.00  | + 2.00  | + 71.63 | + 71.63 | + 27.50 | + 26.00 | + 4.90 | + 4.76 | + .00  | + .00  |       |      |
| + PP | + 82 | + 1.70  | + 1.15  | + 82.36 | + 69.76 | + 54.13 | + 38.63 | + 4.38 | + 4.11 | + 4.00 | + 4.00 |       |      |
| + PP | + 83 | + 18.51 | + 13.01 | + 62.07 | + 59.67 | + 24.79 | + 18.79 | + 5.54 | + 5.54 | + .00  | + .00  |       |      |
| + PP | + 84 | + 73.00 | + 72.00 | + 68.65 | + 64.87 | + 2.00  | + 2.00  | + 6.22 | + 5.64 | + .60  | + .60  |       |      |
| + PP | + 85 | + 55.26 | + 55.26 | + 40.30 | + 39.30 | + 26.37 | + 26.37 | + 3.32 | + 3.32 | + .00  | + .00  |       |      |
| + PP | + 86 | + 57.25 | + 57.25 | + 58.94 | + 58.69 | + 45.00 | + 45.00 | + 3.69 | + 3.69 | + .00  | + .00  |       |      |
| + PP | + 87 | + 42.36 | + 41.00 | + 79.47 | + 68.29 | + 59.00 | + 59.00 | + 6.59 | + 5.56 | + .12  | + .12  |       |      |
| + .. | + 80 | + .00   | + .00   | + 35.51 | + 32.84 | + 15.75 | + 15.75 | + 7.22 | + 7.22 | + .52  | + .52  |       |      |
| + .. | + 81 | + 2.00  | + 2.00  | + 71.63 | + 71.63 | + 27.50 | + 26.00 | + 4.90 | + 4.76 | + .00  | + .00  |       |      |
| + .. | + 82 | + 1.70  | + 1.15  | + 82.36 | + 69.76 | + 54.13 | + 38.63 | + 4.38 | + 4.11 | + 4.00 | + 4.00 |       |      |
| + .. | + 83 | + 18.51 | + 13.01 | + 62.07 | + 59.67 | + 24.79 | + 18.79 | + 5.54 | + 5.54 | + .00  | + .00  |       |      |
| + .. | + 84 | + 73.00 | + 72.00 | + 68.65 | + 64.87 | + 2.00  | + 2.00  | + 6.22 | + 5.64 | + .60  | + .60  |       |      |
| + .. | + 85 | + 55.26 | + 55.26 | + 40.30 | + 39.30 | + 26.37 | + 26.37 | + 3.32 | + 3.32 | + .00  | + .00  |       |      |
| + .. | + 86 | + 57.25 | + 57.25 | + 58.94 | + 58.69 | + 45.00 | + 45.00 | + 3.69 | + 3.69 | + .00  | + .00  |       |      |
| + .. | + 87 | + 42.36 | + 41.00 | + 79.47 | + 68.29 | + 59.00 | + 59.00 | + 6.59 | + 5.56 | + .12  | + .12  |       |      |



## SUPERFICIES ( CULTIVEE ET RECOLTÉE ) PAR SPECULATION

DE 1980 A 1987

3.

PAR PAYS ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unité en Ha

## MAURITANIE

|       |      | RIZ       |           | MAIS     |          | SORGHO   |          | TOMATE  |         | NIEBE  |       |        |       |
|-------|------|-----------|-----------|----------|----------|----------|----------|---------|---------|--------|-------|--------|-------|
| + TYP | + AN | + CULT    | + REC     | + CULT   | + REC    | + CULT   | + REC    | + CULT  | + REC   | + CULT | + REC | + CULT | + REC |
| + GP  | + 80 | + 1870.93 | + 1683.73 | + 238.00 | + 47.00  | + .00    | + .00    | + 5.00  | + 4.00  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 81 | + 1406.00 | + 1122.00 | + .00    | + .00    | + .00    | + .00    | + 6.00  | + 6.00  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 82 | + 2005.00 | + 1994.00 | + 106.00 | + 106.00 | + 3.00   | + 3.00   | + 4.00  | + 4.00  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 83 | + 1421.82 | + 1404.07 | + 81.00  | + 81.00  | + .00    | + .00    | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 84 | + 2011.50 | + 2011.50 | + .00    | + .00    | + .00    | + .00    | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 85 | + 1903.30 | + 1842.30 | + 1.50   | + 1.50   | + 1.50   | + 1.50   | + 1.00  | + 1.00  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 86 | + 2314.17 | + 2300.17 | + 157.50 | + 157.50 | + 51.83  | + 51.83  | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 87 | + 2047.28 | + 2039.16 | + 206.00 | + 206.00 | + .00    | + .00    | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 80 | + 1024.94 | + 900.29  | + 654.79 | + 649.70 | + 25.00  | + 25.00  | + 35.00 | + 30.75 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 81 | + 1158.86 | + 1038.78 | + 693.78 | + 687.78 | + 53.00  | + 40.00  | + 64.60 | + 59.10 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 82 | + 1511.19 | + 1379.84 | + 394.32 | + 391.32 | + 41.50  | + 41.50  | + 34.70 | + 32.30 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 83 | + 1756.07 | + 1713.87 | + 306.25 | + 292.51 | + 18.00  | + 17.00  | + 18.00 | + 15.75 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 84 | + 2068.96 | + 2026.96 | + 771.26 | + 765.26 | + 79.52  | + 78.32  | + 4.00  | + 4.00  | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 85 | + 2243.68 | + 2109.48 | + 280.00 | + 280.00 | + 362.25 | + 347.25 | + 1.50  | + 1.50  | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 86 | + 3327.19 | + 3129.96 | + 785.20 | + 780.70 | + 409.71 | + 394.74 | + 24.50 | + 19.50 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 87 | + 5273.32 | + 5102.32 | + 201.10 | + 201.10 | + 277.96 | + 277.96 | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 80 | + 2895.87 | + 2584.02 | + 892.79 | + 894.70 | + 25.00  | + 25.00  | + 40.00 | + 34.75 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 81 | + 2564.86 | + 2160.78 | + 693.78 | + 687.78 | + 53.00  | + 40.00  | + 70.60 | + 65.10 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 82 | + 3516.19 | + 3373.84 | + 500.32 | + 497.32 | + 44.50  | + 44.50  | + 38.70 | + 36.30 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 83 | + 3177.89 | + 3117.94 | + 387.25 | + 373.51 | + 18.00  | + 17.00  | + 18.00 | + 15.75 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 84 | + 4080.46 | + 4038.46 | + 771.26 | + 765.26 | + 79.52  | + 78.32  | + 4.00  | + 4.00  | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 85 | + 4146.98 | + 3951.78 | + 281.50 | + 281.50 | + 363.75 | + 348.75 | + 2.50  | + 2.50  | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 86 | + 5641.36 | + 5430.13 | + 942.70 | + 930.20 | + 461.54 | + 446.57 | + 24.50 | + 19.50 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 87 | + 7320.60 | + 7141.48 | + 407.10 | + 407.10 | + 277.96 | + 277.96 | + .00   | + .00   | + .00  | + .00 | + .00  | + .00 |



## SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION

4.

DE 1980 A 1987

PAR PAYS ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

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|      |      | RIZ        |            | MAIS      |           | SORGHO   |          | TOMATE    |          | NIEBE |       |       |       |
|------|------|------------|------------|-----------|-----------|----------|----------|-----------|----------|-------|-------|-------|-------|
| +TYP | AN   | CULT       | REC        | CULT      | REC       | CULT     | REC      | CULT      | REC      | CULT  | REC   | CULT  | REC   |
|      |      |            |            |           |           |          |          |           |          |       |       |       |       |
| + GP | + 80 | + 6059.82  | + 3972.45  | + .00     | + .00     | + .00    | + .00    | + 532.53  | + 524.52 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 81 | + 5129.46  | + 3734.26  | + .00     | + .00     | + .00    | + .00    | + 549.51  | + 389.72 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 82 | + 5433.94  | + 4784.97  | + .00     | + .00     | + .00    | + .00    | + .00     | + .00    | + .00 | + .00 | + .00 | + .00 |
| + GP | + 83 | + 6926.08  | + 6251.41  | + .00     | + .00     | + .00    | + .00    | + 393.93  | + 284.68 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 84 | + 7357.68  | + 6353.05  | + .00     | + .00     | + .00    | + .00    | + 521.23  | + 428.70 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 85 | + 7252.19  | + 7021.83  | + .00     | + .00     | + .00    | + .00    | + 299.32  | + 239.50 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 86 | + 6540.71  | + 6462.57  | + .00     | + .00     | + .00    | + .00    | + 372.70  | + 372.70 | + .00 | + .00 | + .00 | + .00 |
| + GP | + 87 | + 4904.82  | + 4892.59  | + .00     | + .00     | + .00    | + .00    | + .00     | + .00    | + .00 | + .00 | + .00 | + .00 |
| + MP | + 80 | + 896.02   | + 851.93   | + .00     | + .00     | + .00    | + .00    | + 53.40   | + 53.40  | + .00 | + .00 | + .00 | + .00 |
| + MP | + 81 | + 2080.40  | + 1882.97  | + 10.50   | + 10.50   | + .00    | + .00    | + 67.30   | + 54.09  | + .00 | + .00 | + .00 | + .00 |
| + MP | + 82 | + 2351.58  | + 2017.98  | + .00     | + .00     | + .00    | + .00    | + 13.53   | + 13.53  | + .00 | + .00 | + .00 | + .00 |
| + MP | + 83 | + 2107.56  | + 2047.66  | + .00     | + .00     | + .00    | + .00    | + 254.49  | + 225.15 | + .00 | + .00 | + .00 | + .00 |
| + MP | + 84 | + 2324.73  | + 2212.75  | + .00     | + .00     | + .00    | + .00    | + 198.47  | + 198.47 | + .00 | + .00 | + .00 | + .00 |
| + MP | + 85 | + 2248.48  | + 2230.71  | + .00     | + .00     | + .00    | + .00    | + 235.70  | + 235.70 | + .00 | + .00 | + .00 | + .00 |
| + MP | + 86 | + 1969.70  | + 1964.14  | + .00     | + .00     | + .00    | + .00    | + 117.80  | + 117.80 | + .00 | + .00 | + .00 | + .00 |
| + MP | + 87 | + 927.96   | + 927.96   | + .00     | + .00     | + .00    | + .00    | + .00     | + .00    | + .00 | + .00 | + .00 | + .00 |
| + PP | + 80 | + 3457.32  | + 2996.40  | + 842.88  | + 833.93  | + .00    | + .00    | + 92.29   | + 61.69  | + .00 | + .00 | + .00 | + .00 |
| + PP | + 81 | + 3643.83  | + 3169.57  | + 1038.29 | + 1012.60 | + 20.50  | + 18.50  | + 126.00  | + 126.00 | + .00 | + .00 | + .00 | + .00 |
| + PP | + 82 | + 4237.92  | + 3904.17  | + 1184.17 | + 1100.10 | + 35.80  | + 28.00  | + 100.32  | + 61.72  | + .00 | + .00 | + .00 | + .00 |
| + PP | + 83 | + 6271.43  | + 5687.87  | + 1770.50 | + 1709.30 | + 54.50  | + 46.50  | + 288.65  | + 288.65 | + .00 | + .00 | + .00 | + .00 |
| + PP | + 84 | + 5940.89  | + 5560.57  | + 731.96  | + 725.96  | + 67.65  | + 67.65  | + 281.34  | + 263.34 | + .00 | + .00 | + .00 | + .00 |
| + PP | + 85 | + 6078.34  | + 5939.35  | + 1954.38 | + 1952.38 | + 380.52 | + 380.52 | + 55.85   | + 55.85  | + .00 | + .00 | + .00 | + .00 |
| + PP | + 86 | + 6041.14  | + 5785.09  | + 2282.81 | + 2252.81 | + 585.02 | + 511.02 | + 402.49  | + 395.49 | + .00 | + .00 | + .00 | + .00 |
| + PP | + 87 | + 6939.79  | + 6834.59  | + 411.37  | + 411.37  | + 698.96 | + 698.96 | + .00     | + .00    | + .00 | + .00 | + .00 | + .00 |
| + .. | + 80 | + 10413.16 | + 7820.78  | + 842.88  | + 833.93  | + .00    | + .00    | + 678.22  | + 639.61 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 81 | + 10853.69 | + 8786.80  | + 1048.79 | + 1023.10 | + 20.50  | + 18.50  | + 742.81  | + 569.81 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 82 | + 12023.44 | + 10707.12 | + 1184.17 | + 1100.10 | + 35.80  | + 28.00  | + 113.85  | + 75.25  | + .00 | + .00 | + .00 | + .00 |
| + .. | + 83 | + 15305.07 | + 13986.94 | + 1770.50 | + 1709.30 | + 54.50  | + 46.50  | + 937.07  | + 798.48 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 84 | + 15623.30 | + 14126.37 | + 731.96  | + 725.96  | + 67.65  | + 67.65  | + 1001.04 | + 890.51 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 85 | + 15579.01 | + 15191.89 | + 1954.38 | + 1952.38 | + 380.52 | + 380.52 | + 590.87  | + 531.05 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 86 | + 14551.55 | + 14211.80 | + 2282.81 | + 2252.81 | + 585.02 | + 511.02 | + 892.99  | + 885.99 | + .00 | + .00 | + .00 | + .00 |
| + .. | + 87 | + 12772.57 | + 12655.14 | + 411.37  | + 411.37  | + 698.96 | + 698.96 | + .00     | + .00    | + .00 | + .00 | + .00 | + .00 |



SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION  
DE 1980 A 1987

5.

PAR PAYS ET PAR ORGANISME DE TUTELLE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

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|         |         | RIZ     |         |         |         | MAIS    |         |        | SORGHO |        |        | TOMATE |      |     | NIEBE |     |  |
|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|------|-----|-------|-----|--|
|         | TOTELLE | AN      | CULT    | REC     | CULT    | REC     | CULT    | REC    | CULT   | REC    | CULT   | REC    | CULT | REC | CULT  | REC |  |
| + OVSTM | + 80 +  | .00 +   | .00 +   | 35.51 + | 32.84 + | 15.75 + | 15.75 + | 7.22 + | 7.22 + | .52 +  | .52 +  |        |      |     |       |     |  |
| + OVSTM | + 81 +  | 2.00 +  | 2.00 +  | 71.63 + | 71.63 + | 27.50 + | 26.00 + | 4.90 + | 4.76 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + OVSTM | + 82 +  | 1.70 +  | 1.15 +  | 82.36 + | 69.76 + | 54.13 + | 38.63 + | 4.38 + | 4.11 + | 4.00 + | 4.00 + |        |      |     |       |     |  |
| + OVSTM | + 83 +  | 18.51 + | 13.01 + | 62.07 + | 59.67 + | 24.79 + | 18.79 + | 5.54 + | 5.54 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + OVSTM | + 84 +  | 73.00 + | 72.00 + | 68.65 + | 64.87 + | 2.00 +  | 2.00 +  | 6.22 + | 5.64 + | .60 +  | .60 +  |        |      |     |       |     |  |
| + OVSTM | + 85 +  | 55.26 + | 55.26 + | 40.30 + | 39.30 + | 26.37 + | 26.37 + | 3.32 + | 3.32 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + OVSTM | + 86 +  | 57.25 + | 57.25 + | 58.94 + | 58.69 + | 45.00 + | 45.00 + | 3.69 + | 3.69 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + OVSTM | + 87 +  | 42.36 + | 41.00 + | 79.47 + | 68.29 + | 59.00 + | 59.00 + | 6.59 + | 5.56 + | .12 +  | .12 +  |        |      |     |       |     |  |
| + ..    | + 80 +  | .00 +   | .00 +   | 35.51 + | 32.84 + | 15.75 + | 15.75 + | 7.22 + | 7.22 + | .52 +  | .52 +  |        |      |     |       |     |  |
| + ..    | + 81 +  | 2.00 +  | 2.00 +  | 71.63 + | 71.63 + | 27.50 + | 26.00 + | 4.90 + | 4.76 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + ..    | + 82 +  | 1.70 +  | 1.15 +  | 82.36 + | 69.76 + | 54.13 + | 38.63 + | 4.38 + | 4.11 + | 4.00 + | 4.00 + |        |      |     |       |     |  |
| + ..    | + 83 +  | 18.51 + | 13.01 + | 62.07 + | 59.67 + | 24.79 + | 18.79 + | 5.54 + | 5.54 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + ..    | + 84 +  | 73.00 + | 72.00 + | 68.65 + | 64.87 + | 2.00 +  | 2.00 +  | 6.22 + | 5.64 + | .60 +  | .60 +  |        |      |     |       |     |  |
| + ..    | + 85 +  | 55.26 + | 55.26 + | 40.30 + | 39.30 + | 26.37 + | 26.37 + | 3.32 + | 3.32 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + ..    | + 86 +  | 57.25 + | 57.25 + | 58.94 + | 58.69 + | 45.00 + | 45.00 + | 3.69 + | 3.69 + | .00 +  | .00 +  |        |      |     |       |     |  |
| + ..    | + 87 +  | 42.36 + | 41.00 + | 79.47 + | 68.29 + | 59.00 + | 59.00 + | 6.59 + | 5.56 + | .12 +  | .12 +  |        |      |     |       |     |  |



## DE 1980 A 1987

PAR PAYS ET PAR ORGANISME DE TUTELLE

NB:  $AN\ 80 = \text{hivernage } 80 + \text{csf } 80/81 + \text{csc } 81$

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|            | RIZ |         |         |        | MAIS   |        | SORGHO |       | TOMATE |      | NIEBE |  |
|------------|-----|---------|---------|--------|--------|--------|--------|-------|--------|------|-------|--|
| TUTELLE    | AN  | CULT    | REC     | CULT   | REC    | CULT   | REC    | CULT  | REC    | CULT | REC   |  |
| SONADER    | 80  | 1206.95 | 1141.90 | 892.79 | 696.70 | 25.00  | 25.00  | .00   | .00    | .00  | .00   |  |
| SONADER    | 81  | 871.55  | 827.47  | 681.28 | 675.28 | 46.75  | 33.75  | .00   | .00    | .00  | .00   |  |
| SONADER    | 82  | 1794.09 | 1711.09 | 438.32 | 438.32 | 39.50  | 39.50  | .00   | .00    | .00  | .00   |  |
| SONADER    | 83  | 2175.02 | 2157.02 | 387.25 | 373.51 | 12.00  | 12.00  | .00   | .00    | .00  | .00   |  |
| SONADER    | 84  | 2408.27 | 2391.27 | 709.66 | 703.66 | 77.52  | 76.32  | .00   | .00    | .00  | .00   |  |
| SONADER    | 85  | 2550.30 | 2515.60 | 281.50 | 281.50 | 349.75 | 334.75 | .00   | .00    | .00  | .00   |  |
| SONADER    | 86  | 2736.67 | 2736.07 | 906.70 | 905.20 | 365.54 | 363.57 | .00   | .00    | .00  | .00   |  |
| SONADER    | 87  | 3344.30 | 3344.30 | 400.00 | 400.00 | 269.96 | 269.96 | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 80  | 1421.00 | 1233.80 | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 81  | 1386.00 | 1105.00 | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 82  | 1395.00 | 1384.00 | 6.00   | 6.00   | 3.00   | 3.00   | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 83  | 623.82  | 606.07  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 84  | 929.00  | 929.00  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 85  | 814.00  | 753.00  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 86  | 1071.00 | 1057.00 | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| MPQUIE     | 87  | 699.28  | 696.16  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 80  | .00     | .00     | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 81  | 35.00   | 35.00   | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 82  | 47.60   | 47.60   | 54.00  | 51.00  | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 83  | 60.05   | 60.05   | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 84  | 81.60   | 81.60   | 59.60  | 59.60  | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 85  | 124.00  | 86.00   | .00    | .00    | 14.00  | 14.00  | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 86  | 118.00  | 117.50  | 20.00  | 20.00  | 96.00  | 83.00  | .00   | .00    | .00  | .00   |  |
| NON GOUVER | 87  | 121.00  | 121.00  | 7.10   | 7.10   | 8.00   | 8.00   | .00   | .00    | .00  | .00   |  |
| NON ENCAD  | 80  | 152.50  | 119.40  | .00    | .00    | .00    | .00    | 10.00 | 7.50   | .00  | .00   |  |
| NON ENCAD  | 81  | 192.25  | 135.75  | .00    | .00    | 6.25   | 6.25   | 17.50 | 14.00  | .00  | .00   |  |
| NON ENCAD  | 82  | 186.50  | 143.15  | 2.00   | 2.00   | .00    | .00    | 17.50 | 16.70  | .00  | .00   |  |
| NON ENCAD  | 83  | 223.00  | 202.50  | .00    | .00    | 6.00   | 5.00   | 12.00 | 9.75   | .00  | .00   |  |
| NON ENCAD  | 84  | 583.24  | 558.24  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON ENCAD  | 85  | 562.68  | 539.18  | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| NON ENCAD  | 86  | 1187.09 | 997.46  | 3.50   | .50    | .00    | .00    | 8.00  | 8.00   | .00  | .00   |  |
| NON ENCAD  | 87  | 1171.42 | 1059.42 | .00    | .00    | .00    | .00    | .00   | .00    | .00  | .00   |  |
| PRIVE      | 80  | 115.42  | 88.92   | .00    | .00    | .00    | .00    | 30.00 | 27.25  | .00  | .00   |  |
| PRIVE      | 81  | 80.06   | 57.56   | 12.50  | 12.50  | .00    | .00    | 53.10 | 51.10  | .00  | .00   |  |
| PRIVE      | 82  | 93.00   | 88.00   | .00    | .00    | 2.00   | 2.00   | 21.20 | 19.60  | .00  | .00   |  |
| PRIVE      | 83  | 96.00   | 92.30   | .00    | .00    | .00    | .00    | 6.00  | 6.00   | .00  | .00   |  |
| PRIVE      | 84  | 78.35   | 78.35   | 2.00   | 2.00   | 2.00   | 2.00   | 4.00  | 4.00   | .00  | .00   |  |
| PRIVE      | 85  | 96.00   | 58.00   | .00    | .00    | .00    | .00    | 2.50  |        |      |       |  |



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|           |    | RIZ      |          |         | MAIS    |        |        | SORGHO  |        |      | TOMATE |      |     | NIEBE |  |  |
|-----------|----|----------|----------|---------|---------|--------|--------|---------|--------|------|--------|------|-----|-------|--|--|
| TUTELLE   | AN | CULT     | REC      | CULT    | REC     | CULT   | REC    | CULT    | REC    | CULT | REC    | CULT | REC |       |  |  |
| SAED      | 80 | 9946.64  | 7489.26  | 842.88  | 833.93  | .00    | .00    | 678.22  | 639.61 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 81 | 10430.19 | 8568.80  | 1047.29 | 1021.60 | 19.50  | 17.50  | 718.11  | 545.11 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 82 | 11484.83 | 10278.05 | 1184.17 | 1100.10 | 35.80  | 28.00  | 68.95   | 68.95  | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 83 | 14399.45 | 13186.80 | 1769.50 | 1708.30 | 54.50  | 46.50  | 915.07  | 776.48 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 84 | 14567.82 | 13281.39 | 731.96  | 725.96  | 67.65  | 67.65  | 996.04  | 885.51 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 85 | 14375.64 | 13998.52 | 1946.38 | 1946.38 | 380.52 | 380.52 | 588.12  | 528.30 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 86 | 13255.67 | 13103.92 | 2266.81 | 2236.81 | 585.02 | 511.02 | 877.99  | 870.99 | .00  | .00    | .00  | .00 |       |  |  |
| SAED      | 87 | 11129.57 | 11086.84 | 409.37  | 409.37  | 696.96 | 696.96 | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 80 | 459.31   | 325.31   | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 81 | 396.50   | 195.00   | .00     | .00     | .00    | .00    | 2.00    | 2.00   | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 82 | 529.01   | 423.86   | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 83 | 873.52   | 770.69   | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 84 | 1018.59  | 810.09   | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 85 | 1178.37  | 1168.37  | .00     | .00     | .00    | .00    | 2.75    | 2.75   | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 86 | 1147.86  | 972.36   | .00     | .00     | .00    | .00    | 14.00   | 14.00  | .00  | .00    | .00  | .00 |       |  |  |
| NON ENCAD | 87 | 1420.00  | 1403.50  | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 80 | 7.21     | 6.21     | .00     | .00     | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 81 | 27.00    | 23.00    | 1.50    | 1.50    | 1.00   | 1.00   | 22.70   | 22.70  | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 82 | 9.60     | 5.21     | .00     | .00     | .00    | .00    | 44.90   | 6.30   | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 83 | 32.10    | 29.45    | 1.00    | 1.00    | .00    | .00    | 22.00   | 22.00  | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 84 | 36.89    | 34.89    | .00     | .00     | .00    | .00    | 5.00    | 5.00   | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 85 | 25.00    | 25.00    | 8.00    | 6.00    | .00    | .00    | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 86 | 148.02   | 135.52   | 16.00   | 16.00   | .00    | .00    | 1.00    | 1.00   | .00  | .00    | .00  | .00 |       |  |  |
| PRIVE     | 87 | 223.00   | 164.80   | 2.00    | 2.00    | 2.00   | 2.00   | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 80 | 10413.16 | 7820.78  | 842.88  | 833.93  | .00    | .00    | 678.22  | 639.61 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 81 | 10853.69 | 8786.80  | 1048.79 | 1023.10 | 20.50  | 18.50  | 742.81  | 569.81 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 82 | 12023.44 | 10707.12 | 1184.17 | 1100.10 | 35.80  | 28.00  | 113.85  | 75.25  | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 83 | 15305.07 | 13986.94 | 1770.50 | 1709.30 | 54.50  | 46.50  | 937.07  | 798.48 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 84 | 15623.30 | 14126.37 | 731.96  | 725.96  | 67.65  | 67.65  | 1001.04 | 890.51 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 85 | 15579.01 | 15191.89 | 1954.38 | 1952.38 | 380.52 | 380.52 | 590.87  | 531.05 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 86 | 14551.55 | 14211.80 | 2282.81 | 2252.81 | 585.02 | 511.02 | 892.99  | 885.99 | .00  | .00    | .00  | .00 |       |  |  |
| ..        | 87 | 12772.57 | 12655.14 | 411.37  | 411.37  | 698.96 | 698.96 | .00     | .00    | .00  | .00    | .00  | .00 |       |  |  |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE

DE 1980 A 1987

8.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unites en Tonnes / Ha

DELTA

|      |    | RIZ        |      | MAIS  |      | SORGHO  |      | TOMATE |      | NIEBE |      |
|------|----|------------|------|-------|------|---------|------|--------|------|-------|------|
| +TYP | AN | PROD       | REND | PROD  | REND | PROD    | REND | PROD   | REND | PROD  | REND |
| + GP | 80 | +12091.310 | +    | 3.220 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 81 | +10642.640 | +    | 2.955 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 82 | +18316.750 | +    | 3.918 | +    | 9.084   | +    | 1.514  | +    | 3.600 | +    |
| + GP | 83 | +21061.770 | +    | 4.271 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 84 | +21987.340 | +    | 4.370 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 85 | +25452.920 | +    | 4.511 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 86 | +28360.610 | +    | 4.936 | +    | .000    | +    | .000   | +    | .000  | +    |
| + GP | 87 | +18420.050 | +    | 4.347 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 80 | +2747.344  | +    | 5.518 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 81 | +5690.461  | +    | 4.053 | +    | 48.300  | +    | 4.600  | +    | .000  | +    |
| + MP | 82 | +7219.310  | +    | 4.975 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 83 | +8433.093  | +    | 5.586 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 84 | +8167.690  | +    | 4.752 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 85 | +8668.372  | +    | 4.797 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 86 | +6887.613  | +    | 4.327 | +    | .000    | +    | .000   | +    | .000  | +    |
| + MP | 87 | +3768.065  | +    | 4.673 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 80 | +2477.204  | +    | 3.154 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 81 | +1917.581  | +    | 2.741 | +    | 9.200   | +    | .800   | +    | .000  | +    |
| + PP | 82 | +3071.839  | +    | 3.315 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 83 | +6612.103  | +    | 4.409 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 84 | +6892.901  | +    | 3.814 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 85 | +9508.698  | +    | 3.697 | +    | .000    | +    | .000   | +    | .000  | +    |
| + PP | 86 | +12436.760 | +    | 4.090 | +    | 106.000 | +    | 2.650  | +    | .000  | +    |
| + PP | 87 | +19413.320 | +    | 3.904 | +    | 9.301   | +    | 1.310  | +    | .000  | +    |
| + .. | 80 | +17315.860 | +    | 3.437 | +    | .000    | +    | .000   | +    | .000  | +    |
| + .. | 81 | +18250.680 | +    | 3.199 | +    | 57.500  | +    | 2.614  | +    | .000  | +    |
| + .. | 82 | +28607.900 | +    | 4.057 | +    | 9.084   | +    | 1.514  | +    | 3.600 | +    |
| + .. | 83 | +36106.960 | +    | 4.547 | +    | .000    | +    | .000   | +    | .000  | +    |
| + .. | 84 | +37047.930 | +    | 4.329 | +    | .000    | +    | .000   | +    | .000  | +    |
| + .. | 85 | +43629.990 | +    | 4.354 | +    | .000    | +    | .000   | +    | .000  | +    |
| + .. | 86 | +47684.980 | +    | 4.595 | +    | 106.000 | +    | 2.650  | +    | .000  | +    |
| + .. | 87 | +41601.430 | +    | 4.153 | +    | 9.301   | +    | 1.310  | +    | .000  | +    |



NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

BASSE VALLEE

| RIZ     |      |             |         | MAIS     |         |         |         | SORGHO     |             |             |          | TOMATE |        |        |        | NIERE |  |  |  |
|---------|------|-------------|---------|----------|---------|---------|---------|------------|-------------|-------------|----------|--------|--------|--------|--------|-------|--|--|--|
| + TYP + | AN + | PROD +      | REND +  | PROD +   | REND +  | PROD +  | REND +  | PROD +     | REND +      | PROD +      | REND +   | PROD + | REND + | PROD + | REND + |       |  |  |  |
| + GP +  | 80 + | 3769.000 +  | 4.479 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 12426.560 + | 26.657 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 81 + | 2157.236 +  | 5.143 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 5637.619 +  | 19.501 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 82 + | 3385.104 +  | 3.424 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 68.000 +    | 17.000 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 83 + | 5890.067 +  | 4.460 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 3825.400 +  | 20.000 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 84 + | 5657.912 +  | 4.601 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 5713.554 +  | 15.645 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 85 + | 4842.659 +  | 3.730 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 1614.040 +  | 11.919 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 86 + | 3871.482 +  | 4.937 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 8931.000 +  | 30.000 + | .000 + | .000 + |        |        |       |  |  |  |
| + GP +  | 87 + | 1472.164 +  | 3.618 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 80 + | 1087.910 +  | 4.255 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 486.000 +   | 10.800 + | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 81 + | 1358.303 +  | 4.770 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 373.800 +   | 20.000 + | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 82 + | 1667.560 +  | 4.286 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 83 + | 2105.467 +  | 5.130 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 614.040 +   | 21.000 + | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 84 + | 1536.998 +  | 4.600 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | 444.944 +   | 15.645 + | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 85 + | 1272.575 +  | 4.628 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 86 + | 1000.607 +  | 4.369 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + MP +  | 87 + | 234.987 +   | 2.750 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 80 + | 609.657 +   | 4.156 + | 78.470 + | 1.506 + | .000 +  | .000 +  | .000 +     | .000 +      | 168.515 +   | 7.095 +  | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 81 + | 483.098 +   | 2.962 + | .800 +   | .800 +  | .500 +  | .500 +  | .500 +     | .500 +      | 1027.875 +  | 16.809 + | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 82 + | 1544.984 +  | 3.241 + | 6.500 +  | 3.250 + | 2.000 + | 1.000 + | 644.875 +  | 26.108 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 83 + | 2239.214 +  | 3.078 + | 2.500 +  | 2.500 + | 2.000 + | .400 +  | 435.798 +  | 12.913 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 84 + | 2661.470 +  | 3.642 + | .000 +   | .000 +  | .000 +  | .000 +  | 443.041 +  | 12.459 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 85 + | 2859.206 +  | 3.586 + | .000 +   | .000 +  | .000 +  | .000 +  | 7.005 +    | 4.670 +     | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 86 + | 4292.689 +  | 4.320 + | 48.328 + | .779 +  | .000 +  | .000 +  | .000 +     | .000 +      | 1555.345 +  | 18.850 + | .000 + | .000 + |        |        |       |  |  |  |
| + PP +  | 87 + | 4872.210 +  | 3.936 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 80 + | 5466.567 +  | 4.395 + | 78.470 + | 1.506 + | .000 +  | .000 +  | .000 +     | .000 +      | 13081.080 + | 24.455 + | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 81 + | 3998.637 +  | 4.610 + | .800 +   | .800 +  | .500 +  | .500 +  | .500 +     | .500 +      | 7039.294 +  | 19.080 + | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 82 + | 6597.648 +  | 3.558 + | 6.500 +  | 3.250 + | 2.000 + | 1.000 + | 712.875 +  | 24.839 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 83 + | 10234.750 + | 4.163 + | 2.500 +  | 2.500 + | 2.000 + | .400 +  | 4875.238 + | 19.174 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 84 + | 9856.380 +  | 4.295 + | .000 +   | .000 +  | .000 +  | .000 +  | 6601.539 + | 15.381 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 85 + | 8974.440 +  | 3.786 + | .000 +   | .000 +  | .000 +  | .000 +  | 1621.045 + | 11.839 +    | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 86 + | 9164.777 +  | 4.567 + | 48.328 + | .779 +  | .000 +  | .000 +  | .000 +     | 10486.340 + | 27.580 +    | .000 +   | .000 + | .000 + |        |        |       |  |  |  |
| + .. +  | 87 + | 6579.361 +  | 3.803 + | .000 +   | .000 +  | .000 +  | .000 +  | .000 +     | .000 +      | .000 +      | .000 +   | .000 + | .000 + |        |        |       |  |  |  |



## DE 1980 A 1987

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

Unites en Tonnes / Ha

|       | RIZ |           |       |          | MAIS  |         |       |          | SORGHO |          |        |      | TOMATE |      |      |  | NIEBE |  |  |  |
|-------|-----|-----------|-------|----------|-------|---------|-------|----------|--------|----------|--------|------|--------|------|------|--|-------|--|--|--|
| + TYP | AN  | PROD      | REND  | PROD     | REND  | PROD    | REND  | PROD     | REND   | PROD     | REND   | PROD | REND   | PROD | REND |  |       |  |  |  |
| + GP  | 80  | 3505.027  | 5.148 | .000     | .000  | .000    | .000  | .000     | .000   | 1216.020 | 19.500 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 81  | 4749.278  | 5.682 | .000     | .000  | .000    | .000  | .000     | .000   | 2003.837 | 18.794 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 82  | 2365.017  | 4.413 | .000     | .000  | .000    | .000  | .000     | .000   | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 83  | 3684.053  | 4.672 | 68.850   | .850  | .000    | .000  | .000     | .000   | 2522.070 | 27.000 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 84  | 6243.534  | 4.403 | .000     | .000  | .000    | .000  | .000     | .000   | 1324.610 | 20.860 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 85  | 6252.952  | 5.113 | 7.044    | 4.696 | 4.264   | 2.843 | 1576.200 | 15.000 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 86  | 8706.034  | 5.638 | 157.500  | 1.000 | 41.464  | .800  | 2119.687 | 28.262 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + GP  | 87  | 8403.933  | 5.258 | 500.580  | 2.430 | .000    | .000  | .000     | .000   | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 80  | 467.670   | 4.755 | .000     | .000  | .000    | .000  | .000     | .000   | 131.040  | 15.600 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 81  | 1177.857  | 6.065 | .000     | .000  | .000    | .000  | .000     | .000   | 307.200  | 16.696 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 82  | 784.259   | 4.409 | .000     | .000  | .000    | .000  | .000     | .000   | 136.420  | 19.000 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 83  | 550.939   | 4.323 | .000     | .000  | .000    | .000  | .000     | .000   | 258.750  | 23.000 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 84  | 822.276   | 5.143 | .000     | .000  | .000    | .000  | .000     | .000   | 470.200  | 20.000 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 85  | 747.119   | 5.025 | .000     | .000  | .000    | .000  | .000     | .000   | 273.550  | 14.589 | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 86  | 813.502   | 5.678 | .000     | .000  | .000    | .000  | .000     | .000   | 74.500   | 7.450  | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + MP  | 87  | 181.100   | 5.000 | .000     | .000  | .000    | .000  | .000     | .000   | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 80  | 6557.746  | 4.332 | 331.660  | 2.009 | 26.000  | 2.600 | 1330.261 | 20.886 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 81  | 9759.449  | 4.923 | 253.740  | 2.682 | .438    | .070  | 2581.808 | 23.514 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 82  | 9676.272  | 3.936 | 130.900  | 1.253 | 21.000  | 1.500 | 864.832  | 14.008 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 83  | 15387.890 | 4.754 | 635.955  | 2.351 | .000    | .000  | 5793.699 | 21.728 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 84  | 12556.710 | 4.724 | 823.368  | 2.386 | .450    | .225  | 3152.360 | 13.615 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 85  | 11507.160 | 4.846 | 1759.352 | 2.156 | 63.600  | 1.871 | 796.500  | 15.000 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 86  | 11820.230 | 5.063 | 1370.443 | 2.051 | 372.300 | 1.895 | 2604.405 | 8.431  | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + PP  | 87  | 13308.770 | 4.716 | 338.824  | 3.025 | 61.780  | 1.992 | .000     | .000   | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + ..  | 80  | 10530.440 | 4.592 | 331.660  | 2.009 | 26.000  | 2.600 | 2677.321 | 19.913 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + ..  | 81  | 15686.580 | 5.207 | 253.740  | 2.682 | .438    | .070  | 4892.845 | 20.837 | .000     | .000   | .000 | .000   | .000 | .000 |  |       |  |  |  |
| + ..  | 82  | 12825.550 | 4.043 | 130.900  | 1.253 |         |       |          |        |          |        |      |        |      |      |  |       |  |  |  |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

11.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + cst 81

Unites en Tonnes / Ha

MOYENNE VALLEE AMONT

|     |    | RIZ       |       | MAIS     |       | SORGHO   |       | TOMATE |        | NIÈBE |      |      |      |
|-----|----|-----------|-------|----------|-------|----------|-------|--------|--------|-------|------|------|------|
| TYP | AN | PROD      | REND  | PROD     | REND  | PROD     | REND  | PROD   | REND   | PROD  | REND | PROD | REND |
| GP  | 80 | 1627.550  | 4.300 | 141.000  | 3.000 | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 81 | .000      | .000  | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 82 | 3480.000  | 6.000 | 50.000   | .500  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 83 | 4489.500  | 7.300 | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 84 | 4795.000  | 7.000 | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 85 | 4550.000  | 6.500 | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 86 | 3445.000  | 5.000 | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| GP  | 87 | 4134.000  | 6.000 | .000     | .000  | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| PP  | 80 | 5460.612  | 4.604 | 2153.859 | 2.514 | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| PP  | 81 | 5395.765  | 5.131 | 3281.387 | 3.105 | 2.800    | 1.600 | 4.095  | 27.300 | .000  | .000 | .000 | .000 |
| PP  | 82 | 4893.284  | 4.433 | 2817.303 | 2.264 | 27.150   | 1.065 | 9.200  | 2.500  | .000  | .000 | .000 | .000 |
| PP  | 83 | 9092.524  | 5.967 | 2986.130 | 2.108 | 130.100  | 3.098 | .000   | .000   | .000  | .000 | .000 | .000 |
| PP  | 84 | 10338.340 | 5.483 | 1752.027 | 2.270 | 138.005  | 1.818 | .000   | .000   | .000  | .000 | .000 | .000 |
| PP  | 85 | 9334.470  | 5.517 | 3000.135 | 2.466 | 1469.563 | 2.126 | .000   | .000   | .000  | .000 | .000 | .000 |
| PP  | 86 | 12108.960 | 5.703 | 3916.330 | 2.325 | 524.128  | 1.660 | 12.000 | 12.000 | .000  | .000 | .000 | .000 |
| PP  | 87 | 14024.890 | 5.701 | 36.185   | .246  | 900.883  | 1.802 | .000   | .000   | .000  | .000 | .000 | .000 |
| ..  | 80 | 7088.162  | 4.530 | 2294.859 | 2.539 | .000     | .000  | .000   | .000   | .000  | .000 | .000 | .000 |
| ..  | 81 | 5395.765  | 5.131 | 3281.387 | 3.105 | 2.800    | 1.600 | 4.095  | 27.300 | .000  | .000 | .000 | .000 |
| ..  | 82 | 8373.284  | 4.972 | 2867.303 | 2.133 | 27.150   | 1.065 | 9.200  | 2.500  | .000  | .000 | .000 | .000 |
| ..  | 83 | 13582.020 | 6.351 | 2986.130 | 2.108 | 130.100  | 3.098 | .000   | .000   | .000  | .000 | .000 | .000 |
| ..  | 84 | 15133.340 | 5.887 | 1752.027 | 2.270 | 138.005  | 1.818 | .000   | .000   | .000  | .000 | .000 | .000 |
| ..  | 85 | 13884.470 | 5.805 | 3000.135 | 2.466 | 1469.563 | 2.126 | .000   | .000   | .000  | .000 | .000 | .000 |
| ..  | 86 | 15553.960 | 5.531 | 3916.330 | 2.325 | 524.128  | 1.660 | 12.000 | 12.000 | .000  | .000 | .000 | .000 |
| ..  | 87 | 18158.890 | 5.766 | 36.185   | .246  | 900.883  | 1.802 | .000   | .000   | .000  | .000 | .000 | .000 |



PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

Unites en Tonnes / Ha

HAUTE VALLEE

|      |      | RIZ        |         | MAIS       |         | SORGHO     |         | TOMATE  |          | NIEBE  |        |  |  |
|------|------|------------|---------|------------|---------|------------|---------|---------|----------|--------|--------|--|--|
| +TYP | AN   | PROD       | REND    | PROD       | REND    | PROD       | REND    | PROD    | REND     | PROD   | REND   |  |  |
| + PP | + 80 | + 1275.584 | + 4.820 | + 1001.230 | + 2.444 | + 37.500   | + 2.500 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 81 | + 2108.799 | + 6.769 | + 1871.521 | + 3.488 | + 79.753   | + 1.611 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 82 | + 1288.623 | + 4.046 | + 704.680  | + 5.016 | + 46.875   | + 1.674 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 83 | + 2356.994 | + 5.693 | + 1021.505 | + 3.255 | + 9.000    | + 2.000 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 84 | + 2454.103 | + 4.851 | + 887.430  | + 2.370 | + 188.234  | + 2.765 | + 6.288 | + 25.152 | + .000 | + .000 |  |  |
| + PP | + 85 | + 3357.719 | + 5.473 | + 603.396  | + 3.020 | + 7.550    | + 3.020 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 86 | + 2252.620 | + 5.325 | + 1571.611 | + 2.713 | + 1016.440 | + 2.583 | + .000  | + .000   | + .000 | + .000 |  |  |
| + PP | + 87 | + 2348.921 | + 5.296 | + 870.792  | + 2.807 | + 1049.126 | + 2.395 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 80 | + 1275.584 | + 4.820 | + 1001.230 | + 2.444 | + 37.500   | + 2.500 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 81 | + 2108.799 | + 6.769 | + 1871.521 | + 3.488 | + 79.753   | + 1.611 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 82 | + 1288.623 | + 4.046 | + 704.680  | + 5.016 | + 46.875   | + 1.674 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 83 | + 2356.994 | + 5.693 | + 1021.505 | + 3.255 | + 9.000    | + 2.000 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 84 | + 2454.103 | + 4.851 | + 887.430  | + 2.370 | + 188.234  | + 2.765 | + 6.288 | + 25.152 | + .000 | + .000 |  |  |
| + .. | + 85 | + 3357.719 | + 5.473 | + 603.396  | + 3.020 | + 7.550    | + 3.020 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 86 | + 2252.620 | + 5.325 | + 1571.611 | + 2.713 | + 1016.440 | + 2.583 | + .000  | + .000   | + .000 | + .000 |  |  |
| + .. | + 87 | + 2348.921 | + 5.296 | + 870.792  | + 2.807 | + 1049.126 | + 2.395 | + .000  | + .000   | + .000 | + .000 |  |  |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

13.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

Unites en Tonnes / Ha

HAUT BASSIN

|      |    | RIZ     |       |  | MAIS    |       |  | SORGHO |       |  | TOMATE |        |  | NIEBE  |       |  |
|------|----|---------|-------|--|---------|-------|--|--------|-------|--|--------|--------|--|--------|-------|--|
|      |    |         |       |  |         |       |  |        |       |  |        |        |  |        |       |  |
| +TYP | AN | PROD    | REND  |  | PROD    | REND  |  | PROD   | REND  |  | PROD   | REND   |  | PROD   | REND  |  |
|      |    |         |       |  |         |       |  |        |       |  |        |        |  |        |       |  |
| + PP | 80 | .000    | .000  |  | 43.484  | 1.324 |  | 14.115 | .896  |  | 52.086 | 7.214  |  | 3.120  | 6.000 |  |
| + PP | 81 | 4.320   | 2.160 |  | 68.980  | .963  |  | 35.604 | 1.369 |  | 66.703 | 14.013 |  | .000   | .000  |  |
| + PP | 82 | 1.577   | 1.371 |  | 89.006  | 1.276 |  | 42.029 | 1.088 |  | 67.419 | 16.404 |  | 15.000 | 3.750 |  |
| + PP | 83 | 47.306  | 3.636 |  | 55.779  | .935  |  | 18.090 | .963  |  | 74.319 | 13.415 |  | .000   | .000  |  |
| + PP | 84 | 177.999 | 2.472 |  | 111.958 | 1.726 |  | .970   | .485  |  | 87.970 | 15.598 |  | .031   | .052  |  |
| + PP | 85 | 152.600 | 2.761 |  | 67.343  | 1.714 |  | 27.302 | 1.035 |  | 81.612 | 24.582 |  | .000   | .000  |  |
| + PP | 86 | 101.936 | 1.781 |  | 85.175  | 1.451 |  | 36.120 | .803  |  | 63.206 | 17.129 |  | .000   | .000  |  |
| + PP | 87 | 80.900  | 1.973 |  | 96.430  | 1.412 |  | 44.400 | .753  |  | 69.658 | 12.528 |  | .258   | 2.150 |  |
| + .. | 80 | .000    | .000  |  | 43.484  | 1.324 |  | 14.115 | .896  |  | 52.086 | 7.214  |  | 3.120  | 6.000 |  |
| + .. | 81 | 4.320   | 2.160 |  | 68.980  | .963  |  | 35.604 | 1.369 |  | 66.703 | 14.013 |  | .000   | .000  |  |
| + .. | 82 | 1.577   | 1.371 |  | 89.006  | 1.276 |  | 42.029 | 1.088 |  | 67.419 | 16.404 |  | 15.000 | 3.750 |  |
| + .. | 83 | 47.306  | 3.636 |  | 55.779  | .935  |  | 18.090 | .963  |  | 74.319 | 13.415 |  | .000   | .000  |  |
| + .. | 84 | 177.999 | 2.472 |  | 111.958 | 1.726 |  | .970   | .485  |  | 87.970 | 15.598 |  | .031   | .052  |  |
| + .. | 85 | 152.600 | 2.761 |  | 67.343  | 1.714 |  | 27.302 | 1.035 |  | 81.612 | 24.582 |  | .000   | .000  |  |
| + .. | 86 | 101.936 | 1.781 |  | 85.175  | 1.451 |  | 36.120 | .803  |  | 63.206 | 17.129 |  | .000   | .000  |  |
| + .. | 87 | 80.900  | 1.973 |  | 96.430  | 1.412 |  | 44.400 | .753  |  | 69.658 | 12.528 |  | .258   | 2.150 |  |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

14.

PAR PAYS ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unites en Tonnes / Ha

MALI

|       |      | RIZ       |         |           | MAIS    |          |         | SORGHO   |          |          | TOMATE  |        |        | NIEBE  |        |        |
|-------|------|-----------|---------|-----------|---------|----------|---------|----------|----------|----------|---------|--------|--------|--------|--------|--------|
| + TYP | + AN | + PROD    | + REND  | + PROD    | + REND  | + PROD   | + REND  | + PROD   | + REND   | + PROD   | + REND  | + PROD | + REND | + PROD | + REND | + PROD |
| + PP  | + 80 | + .000    | + .000  | + 43.484  | + 1.324 | + 14.115 | + .896  | + 52.086 | + 7.214  | + 3.120  | + 6.000 | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 81 | + 4.320   | + 2.160 | + 68.980  | + .963  | + 35.604 | + 1.369 | + 66.703 | + 14.013 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 82 | + 1.577   | + 1.371 | + 89.006  | + 1.276 | + 42.029 | + 1.088 | + 67.419 | + 16.404 | + 15.000 | + 3.750 | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 83 | + 47.306  | + 3.636 | + 55.779  | + .935  | + 18.090 | + .963  | + 74.319 | + 13.415 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 84 | + 177.999 | + 2.472 | + 111.958 | + 1.726 | + .970   | + .485  | + 87.970 | + 15.598 | + .031   | + .052  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 85 | + 152.600 | + 2.761 | + 67.343  | + 1.714 | + 27.302 | + 1.035 | + 81.612 | + 24.582 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 86 | + 101.936 | + 1.781 | + 85.175  | + 1.451 | + 36.120 | + .803  | + 63.206 | + 17.129 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + PP  | + 87 | + 80.900  | + 1.973 | + 96.430  | + 1.412 | + 44.400 | + .753  | + 69.658 | + 12.528 | + .258   | + 2.150 | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 80 | + .000    | + .000  | + 43.484  | + 1.324 | + 14.115 | + .896  | + 52.086 | + 7.214  | + 3.120  | + 6.000 | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 81 | + 4.320   | + 2.160 | + 68.980  | + .963  | + 35.604 | + 1.369 | + 66.703 | + 14.013 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 82 | + 1.577   | + 1.371 | + 89.006  | + 1.276 | + 42.029 | + 1.088 | + 67.419 | + 16.404 | + 15.000 | + 3.750 | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 83 | + 47.306  | + 3.636 | + 55.779  | + .935  | + 18.090 | + .963  | + 74.319 | + 13.415 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 84 | + 177.999 | + 2.472 | + 111.958 | + 1.726 | + .970   | + .485  | + 87.970 | + 15.598 | + .031   | + .052  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 85 | + 152.600 | + 2.761 | + 67.343  | + 1.714 | + 27.302 | + 1.035 | + 81.612 | + 24.582 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 86 | + 101.936 | + 1.781 | + 85.175  | + 1.451 | + 36.120 | + .803  | + 63.206 | + 17.129 | + .000   | + .000  | + .000 | + .000 | + .000 | + .000 | + .000 |
| + ..  | + 87 | + 80.900  | + 1.973 | + 96.430  | + 1.412 | + 44.400 | + .753  | + 69.658 | + 12.528 | + .258   | + 2.150 | + .000 | + .000 | + .000 | + .000 | + .000 |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

15.

PAR PAYS ET PAR TYPE DE PERIMETRE  
NB: AN 80 = hivernage 80 + csc 80/81 + csc 81  
Unites en Tonnes / Ha

MAURITANIE

|       |      | RIZ         |         | MAIS       |         | SORGHO    |         | TOMATE    |          | NIEBE  |        |
|-------|------|-------------|---------|------------|---------|-----------|---------|-----------|----------|--------|--------|
| + TYP | + AN | + PROD      | + REND  | + PROD     | + REND  | + PROD    | + REND  | + PROD    | + REND   | + PROD | + REND |
| + GP  | + 80 | + 6142.120  | + 3.648 | + 141.000  | + 3.000 | + .000    | + .000  | + 110.000 | + 27.500 | + .000 | + .000 |
| + GP  | + 81 | + 3624.100  | + 3.230 | + .000     | + .000  | + .000    | + .000  | + 120.000 | + 20.000 | + .000 | + .000 |
| + GP  | + 82 | + 8894.000  | + 4.460 | + 59.084   | + .557  | + 3.600   | + 1.200 | + 68.000  | + 17.000 | + .000 | + .000 |
| + GP  | + 83 | + 6658.128  | + 4.742 | + 68.850   | + .850  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + GP  | + 84 | + 9547.850  | + 4.747 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + GP  | + 85 | + 9330.902  | + 5.065 | + 7.044    | + 4.696 | + 4.264   | + 2.843 | + 1.000   | + 1.000  | + .000 | + .000 |
| + GP  | + 86 | + 11567.650 | + 5.029 | + 157.500  | + 1.000 | + 41.464  | + .800  | + .000    | + .000   | + .000 | + .000 |
| + GP  | + 87 | + 10023.260 | + 4.915 | + 500.580  | + 2.430 | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + PP  | + 80 | + 3394.515  | + 3.770 | + 1566.811 | + 2.412 | + 63.500  | + 2.540 | + 210.515 | + 6.846  | + .000 | + .000 |
| + PP  | + 81 | + 4270.255  | + 4.111 | + 2649.406 | + 3.852 | + 37.338  | + .933  | + 822.200 | + 13.912 | + .000 | + .000 |
| + PP  | + 82 | + 4922.774  | + 3.568 | + 1209.844 | + 3.092 | + 50.150  | + 1.208 | + 793.435 | + 24.565 | + .000 | + .000 |
| + PP  | + 83 | + 5975.342  | + 3.486 | + 1039.225 | + 3.553 | + 2.600   | + .153  | + 160.798 | + 10.209 | + .000 | + .000 |
| + PP  | + 84 | + 8044.465  | + 3.969 | + 1781.901 | + 2.328 | + 99.594  | + 1.272 | + 18.900  | + 4.725  | + .000 | + .000 |
| + PP  | + 85 | + 8527.643  | + 4.043 | + 522.737  | + 1.867 | + 463.188 | + 1.334 | + 7.005   | + 4.670  | + .000 | + .000 |
| + PP  | + 86 | + 13805.170 | + 4.411 | + 1638.503 | + 2.099 | + 596.111 | + 1.510 | + 295.145 | + 15.136 | + .000 | + .000 |
| + PP  | + 87 | + 20595.750 | + 4.037 | + 472.821  | + 2.351 | + 495.506 | + 1.783 | + .000    | + .000   | + .000 | + .000 |
| + ..  | + 80 | + 9536.635  | + 3.691 | + 1707.811 | + 2.451 | + 63.500  | + 2.540 | + 320.515 | + 9.223  | + .000 | + .000 |
| + ..  | + 81 | + 7894.355  | + 3.653 | + 2649.406 | + 3.852 | + 37.338  | + .933  | + 942.200 | + 14.473 | + .000 | + .000 |
| + ..  | + 82 | + 13816.770 | + 4.095 | + 1268.928 | + 2.552 | + 53.750  | + 1.208 | + 861.435 | + 23.731 | + .000 | + .000 |
| + ..  | + 83 | + 12633.470 | + 4.052 | + 1108.075 | + 2.967 | + 2.600   | + .153  | + 160.798 | + 10.209 | + .000 | + .000 |
| + ..  | + 84 | + 17592.310 | + 4.356 | + 1781.901 | + 2.328 | + 99.594  | + 1.272 | + 18.900  | + 4.725  | + .000 | + .000 |
| + ..  | + 85 | + 17858.540 | + 4.519 | + 529.781  | + 1.882 | + 467.452 | + 1.340 | + 8.005   | + 3.202  | + .000 | + .000 |
| + ..  | + 86 | + 25372.820 | + 4.673 | + 1796.003 | + 1.914 | + 637.575 | + 1.428 | + 295.145 | + 15.136 | + .000 | + .000 |
| + ..  | + 87 | + 30619.010 | + 4.287 | + 973.401  | + 2.391 | + 495.506 | + 1.783 | + .000    | + .000   | + .000 | + .000 |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

16.

PAR PAYS ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unites en Tonnes / Ha

SENEGAL

|       |      | RIZ        |         | MAIS       |         | SORGHO     |         | TOMATE     |          | NIEBE  |        |
|-------|------|------------|---------|------------|---------|------------|---------|------------|----------|--------|--------|
| + TYP | + AN | + PROD     | + REND  | + PROD     | + REND  | + PROD     | + REND  | + PROD     | + REND   | + PROD | + REND |
| + GP  | + 80 | +14850.760 | + 3.738 | + .000     | + .000  | + .000     | + .000  | +13532.580 | + 25.800 | + .000 | + .000 |
| + GP  | + 81 | +13925.050 | + 3.729 | + .000     | + .000  | + .000     | + .000  | + 7521.456 | + 19.300 | + .000 | + .000 |
| + GP  | + 82 | +18652.870 | + 3.898 | + .000     | + .000  | + .000     | + .000  | + .000     | + .000   | + .000 | + .000 |
| + GP  | + 83 | +28467.260 | + 4.554 | + .000     | + .000  | + .000     | + .000  | + 6347.470 | + 22.297 | + .000 | + .000 |
| + GP  | + 84 | +29135.940 | + 4.586 | + .000     | + .000  | + .000     | + .000  | + 7038.164 | + 16.417 | + .000 | + .000 |
| + GP  | + 85 | +31767.630 | + 4.524 | + .000     | + .000  | + .000     | + .000  | + 3189.240 | + 13.316 | + .000 | + .000 |
| + GP  | + 86 | +32815.480 | + 5.078 | + .000     | + .000  | + .000     | + .000  | +11050.690 | + 29.650 | + .000 | + .000 |
| + GP  | + 87 | +22406.890 | + 4.580 | + .000     | + .000  | + .000     | + .000  | + .000     | + .000   | + .000 | + .000 |
| + MP  | + 80 | + 4302.924 | + 5.051 | + .000     | + .000  | + .000     | + .000  | + 617.040  | + 11.555 | + .000 | + .000 |
| + MP  | + 81 | + 8226.621 | + 4.369 | + 48.300   | + 4.600 | + .000     | + .000  | + 1009.250 | + 18.659 | + .000 | + .000 |
| + MP  | + 82 | + 9671.129 | + 4.792 | + .000     | + .000  | + .000     | + .000  | + 302.066  | + 22.326 | + .000 | + .000 |
| + MP  | + 83 | +11089.500 | + 5.416 | + .000     | + .000  | + .000     | + .000  | + 4827.709 | + 21.442 | + .000 | + .000 |
| + MP  | + 84 | +10526.960 | + 4.757 | + .000     | + .000  | + .000     | + .000  | + 3845.544 | + 19.376 | + .000 | + .000 |
| + MP  | + 85 | +10688.070 | + 4.791 | + .000     | + .000  | + .000     | + .000  | + 3181.140 | + 13.497 | + .000 | + .000 |
| + MP  | + 86 | + 8701.722 | + 4.430 | + .000     | + .000  | + .000     | + .000  | + 6231.250 | + 52.897 | + .000 | + .000 |
| + MP  | + 87 | + 4184.152 | + 4.509 | + .000     | + .000  | + .000     | + .000  | + .000     | + .000   | + .000 | + .000 |
| + PP  | + 80 | +12986.290 | + 4.334 | + 1998.408 | + 2.396 | + .000     | + .000  | + 1313.261 | + 21.288 | + .000 | + .000 |
| + PP  | + 81 | +15394.440 | + 4.857 | + 2767.242 | + 2.733 | + 46.153   | + 2.495 | + 2973.278 | + 23.597 | + .000 | + .000 |
| + PP  | + 82 | +15552.230 | + 3.983 | + 2449.539 | + 2.227 | + 46.875   | + 1.674 | + 838.030  | + 13.578 | + .000 | + .000 |
| + PP  | + 83 | +29713.390 | + 5.224 | + 3606.865 | + 2.110 | + 139.100  | + 2.991 | + 6158.699 | + 21.336 | + .000 | + .000 |
| + PP  | + 84 | +26859.060 | + 4.830 | + 1680.924 | + 2.315 | + 227.095  | + 3.357 | + 3582.789 | + 13.605 | + .000 | + .000 |
| + PP  | + 85 | +28039.610 | + 4.721 | + 4840.146 | + 2.479 | + 1077.525 | + 2.832 | + 824.000  | + 14.754 | + .000 | + .000 |
| + PP  | + 86 | +29106.090 | + 5.031 | + 5374.209 | + 2.386 | + 1316.757 | + 2.577 | + 4328.205 | + 10.944 | + .000 | + .000 |
| + PP  | + 87 | +33372.360 | + 4.883 | + 782.281  | + 1.902 | + 1516.283 | + 2.169 | + .000     | + .000   | + .000 | + .000 |
| + ..  | + 80 | +32139.980 | + 4.110 | + 1998.408 | + 2.396 | + .000     | + .000  | +15462.880 | + 24.175 | + .000 | + .000 |
| + ..  | + 81 | +37546.110 | + 4.273 | + 2815.542 | + 2.752 | + 46.153   | + 2.495 | +11503.980 | + 20.189 | + .000 | + .000 |
| + ..  | + 82 | +43876.230 | + 4.098 | + 2449.539 | + 2.227 | + 46.875   | + 1.674 | + 1140.096 | + 15.151 | + .000 | + .000 |
| + ..  | + 83 | +69270.150 | + 4.952 | + 3606.865 | + 2.110 | + 139.100  | + 2.991 | +17333.880 | + 21.709 | + .000 | + .000 |
| + ..  | + 84 | +66521.960 | + 4.709 | + 1680.924 | + 2.315 | + 227.095  | + 3.357 | +14466.500 | + 16.245 | + .000 | + .000 |
| + ..  | + 85 | +70495.300 | + 4.640 | + 4840.146 | + 2.479 | + 1077.525 | + 2.832 | + 7194.390 | + 13.547 | + .000 | + .000 |
| + ..  | + 86 | +70623.290 | + 4.969 | + 5374.209 | + 2.386 | + 1316.757 | + 2.577 | +21610.140 | + 24.391 | + .000 | + .000 |
| + ..  | + 87 | +59963.400 | + 4.738 | + 782.281  | + 1.902 | + 1516.283 | + 2.169 | + .000     | + .000   | + .000 | + .000 |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

17.

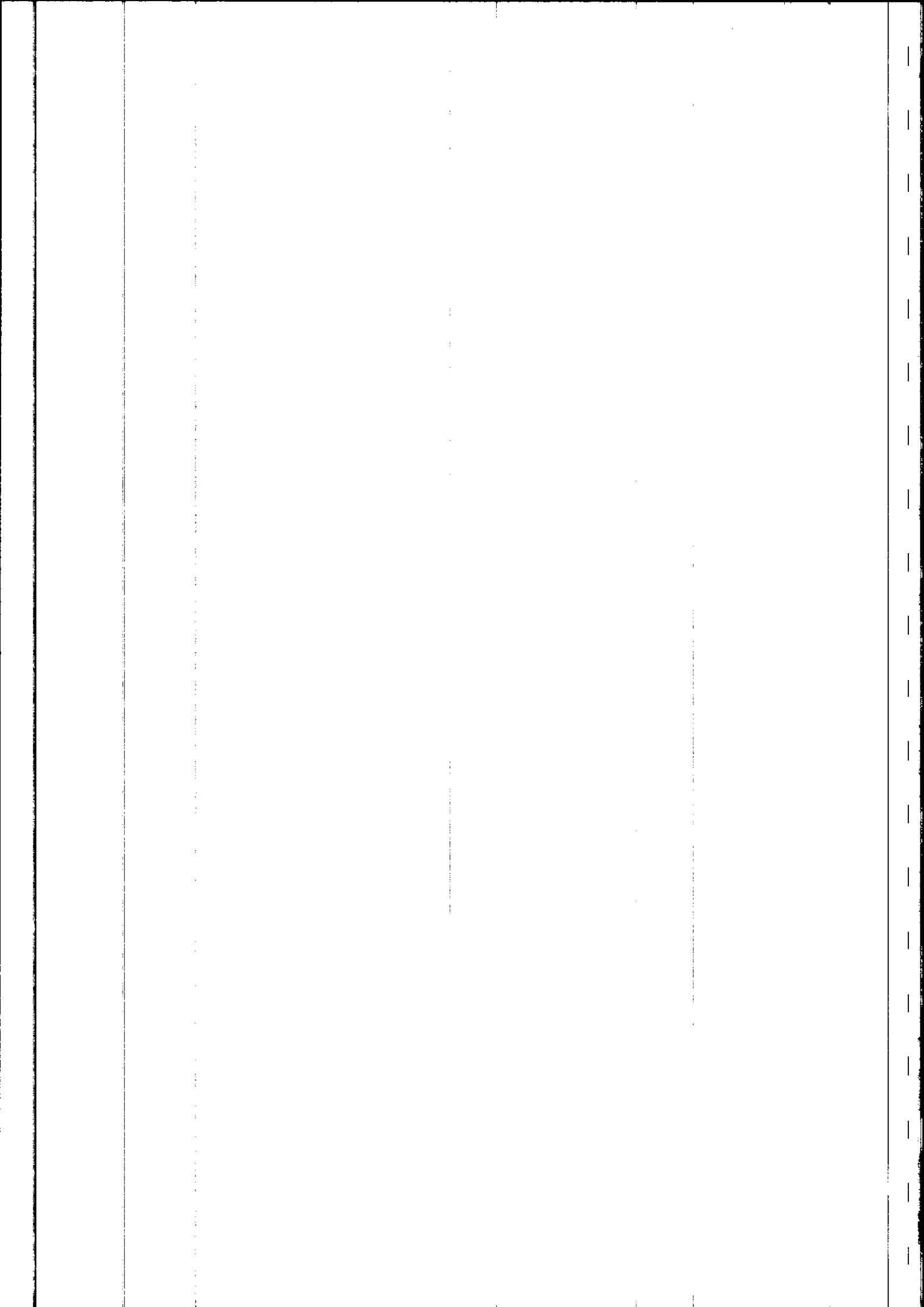
PAR PAYS ET PAR ORGANISME DE TUTELLE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unites en Tonnes / Ha

MALI

|         |        | RIZ     |       |         | MAIS  |        | SORGH0 |        | TOMATE |        | NIEBE |      |
|---------|--------|---------|-------|---------|-------|--------|--------|--------|--------|--------|-------|------|
|         |        | AN      | PROD  | REND    | PROD  | REND   | PROD   | REND   | PROD   | REND   | PROD  | REND |
| + OVSTM | + 80 + | .000    | .000  | 43.484  | 1.324 | 14.115 | .896   | 52.086 | 7.214  | 3.120  | 6.000 |      |
| + OVSTM | + 81 + | 4.320   | 2.160 | 68.980  | .963  | 35.604 | 1.369  | 66.703 | 14.013 | .000   | .000  |      |
| + OVSTM | + 82 + | 1.577   | 1.371 | 89.006  | 1.276 | 42.029 | 1.088  | 67.419 | 16.404 | 15.000 | 3.750 |      |
| + OVSTM | + 83 + | 47.306  | 3.636 | 55.779  | .935  | 18.090 | .963   | 74.319 | 13.415 | .000   | .000  |      |
| + OVSTM | + 84 + | 177.999 | 2.472 | 111.958 | 1.726 | .970   | .485   | 87.970 | 15.598 | .031   | .052  |      |
| + OVSTM | + 85 + | 152.600 | 2.761 | 67.343  | 1.714 | 27.302 | 1.035  | 81.612 | 24.582 | .000   | .000  |      |
| + OVSTM | + 86 + | 101.936 | 1.781 | 85.175  | 1.451 | 36.120 | .803   | 63.206 | 17.129 | .000   | .000  |      |
| + OVSTM | + 87 + | 80.900  | 1.973 | 96.430  | 1.412 | 44.400 | .753   | 69.658 | 12.528 | .258   | 2.150 |      |
| + ..    | + 80 + | .000    | .000  | 43.484  | 1.324 | 14.115 | .896   | 52.086 | 7.214  | 3.120  | 6.000 |      |
| + ..    | + 81 + | 4.320   | 2.160 | 68.980  | .963  | 35.604 | 1.369  | 66.703 | 14.013 | .000   | .000  |      |
| + ..    | + 82 + | 1.577   | 1.371 | 89.006  | 1.276 | 42.029 | 1.088  | 67.419 | 16.404 | 15.000 | 3.750 |      |
| + ..    | + 83 + | 47.306  | 3.636 | 55.779  | .935  | 18.090 | .963   | 74.319 | 13.415 | .000   | .000  |      |
| + ..    | + 84 + | 177.999 | 2.472 | 111.958 | 1.726 | .970   | .485   | 87.970 | 15.598 | .031   | .052  |      |
| + ..    | + 85 + | 152.600 | 2.761 | 67.343  | 1.714 | 27.302 | 1.035  | 81.612 | 24.582 | .000   | .000  |      |
| + ..    | + 86 + | 101.936 | 1.781 | 85.175  | 1.451 | 36.120 | .803   | 63.206 | 17.129 | .000   | .000  |      |
| + ..    | + 87 + | 80.900  | 1.973 | 96.430  | 1.412 | 44.400 | .753   | 69.658 | 12.528 | .258   | 2.150 |      |



PRODUCTION ET RENDEMENT PAR RAPPORT A LA SUPERFICIE RECOLTEE  
DE 1980 A 1987

18.

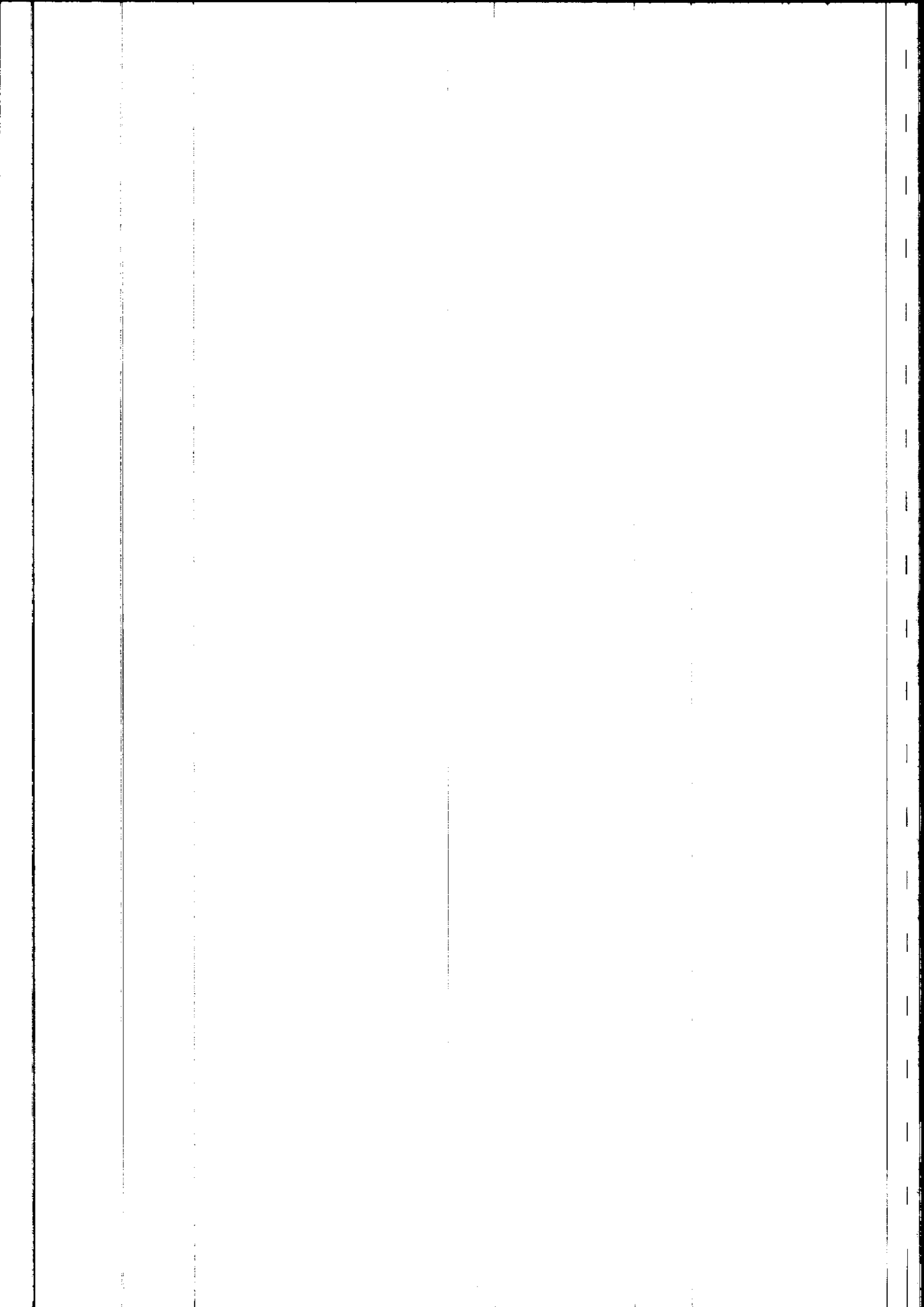
PAR PAYS ET PAR ORGANISME DE TUTELLE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unités en Tonnes / Ha

MAURITANIE

|   |            | RIZ  |             |         | MAIS       |         | SORGHO    |         | TOMATE    |          | NIEBE  |        |
|---|------------|------|-------------|---------|------------|---------|-----------|---------|-----------|----------|--------|--------|
|   | TUTELLE    | AN   | PROD        | REND    | PROD       | REND    | PROD      | REND    | PROD      | REND     | PROD   | REND   |
| + | SONADER    | + 80 | + 4515.498  | + 3.954 | + 1707.811 | + 2.451 | + 63.500  | + 2.540 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 81 | + 3569.367  | + 4.314 | + 2639.406 | + 3.909 | + 36.900  | + 1.093 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 82 | + 7533.014  | + 4.402 | + 1215.044 | + 2.772 | + 48.150  | + 1.219 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 83 | + 9728.334  | + 4.510 | + 1108.075 | + 2.967 | + .600    | + .050  | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 84 | + 11453.280 | + 4.790 | + 1617.003 | + 2.298 | + 99.144  | + 1.299 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 85 | + 12660.670 | + 5.033 | + 529.781  | + 1.882 | + 427.852 | + 1.278 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 86 | + 14410.000 | + 5.267 | + 1697.530 | + 1.875 | + 458.475 | + 1.261 | + .000    | + .000   | + .000 | + .000 |
| + | SONADER    | + 87 | + 17173.380 | + 5.135 | + 964.100  | + 2.410 | + 495.506 | + 1.835 | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 80 | + 4364.570  | + 3.538 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 81 | + 3559.500  | + 3.221 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 82 | + 5288.000  | + 3.821 | + 9.084    | + 1.514 | + 3.600   | + 1.200 | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 83 | + 1418.028  | + 2.340 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 84 | + 3347.200  | + 3.603 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 85 | + 2696.200  | + 3.581 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 86 | + 4457.000  | + 4.217 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | MPOURIE    | + 87 | + 2554.907  | + 3.670 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 80 | + .000      | + .000  | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 81 | + 205.000   | + 5.857 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 82 | + 258.100   | + 5.422 | + 38.300   | + .751  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 83 | + 259.663   | + 4.324 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 84 | + 355.008   | + 4.351 | + 163.398  | + 2.742 | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 85 | + 262.785   | + 3.056 | + .000     | + .000  | + 39.600  | + 2.829 | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 86 | + 399.345   | + 3.399 | + 90.000   | + 4.500 | + 179.100 | + 2.158 | + .000    | + .000   | + .000 | + .000 |
| + | NDN GOUVER | + 87 | + 483.320   | + 3.994 | + 9.301    | + 1.310 | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN ENCAD  | + 80 | + 467.200   | + 3.913 | + .000     | + .000  | + .000    | + .000  | + 90.030  | + 12.004 | + .000 | + .000 |
| + | NDN ENCAD  | + 81 | + 363.868   | + 2.680 | + .000     | + .000  | + .438    | + .070  | + 194.500 | + 13.893 | + .000 | + .000 |
| + | NDN ENCAD  | + 82 | + 465.510   | + 3.252 | + 6.500    | + 3.250 | + .000    | + .000  | + 255.375 | + 15.292 | + .000 | + .000 |
| + | NDN ENCAD  | + 83 | + 845.860   | + 4.177 | + .000     | + .000  | + 2.000   | + .400  | + 130.800 | + 13.415 | + .000 | + .000 |
| + | NDN ENCAD  | + 84 | + 2218.284  | + 3.974 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN ENCAD  | + 85 | + 2072.928  | + 3.845 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | NDN ENCAD  | + 86 | + 4082.889  | + 4.093 | + .475     | + .950  | + .000    | + .000  | + 90.180  | + 11.273 | + .000 | + .000 |
| + | NDN ENCAD  | + 87 | + 3395.345  | + 3.205 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | PRIVE      | + 80 | + 189.367   | + 2.130 | + .000     | + .000  | + .000    | + .000  | + 230.483 | + 8.458  | + .000 | + .000 |
| + | PRIVE      | + 81 | + 196.620   | + 3.416 | + 10.000   | + .800  | + .000    | + .000  | + 747.700 | + 14.632 | + .000 | + .000 |
| + | PRIVE      | + 82 | + 272.150   | + 3.093 | + .000     | + .000  | + 2.000   | + 1.000 | + 606.060 | + 30.921 | + .000 | + .000 |
| + | PRIVE      | + 83 | + 381.585   | + 4.134 | + .000     | + .000  | + .000    | + .000  | + 29.998  | + 5.000  | + .000 | + .000 |
| + | PRIVE      | + 84 | + 218.540   | + 2.789 | + 1.500    | + .750  | + .450    | + .225  | + 18.900  | + 4.725  | + .000 | + .000 |
| + | PRIVE      | + 85 | + 165.964   | + 2.861 | + .000     | + .000  | + .000    | + .000  | + 8.005   | + 3.202  | + .000 | + .000 |
| + | PRIVE      | + 86 | + 2023.594  | + 3.876 | + 7.978    | + .638  | + .000    | + .000  | + 204.965 | + 17.823 | + .000 | + .000 |
| + | PRIVE      | + 87 | + 7012.050  | + 3.651 | + .000     | + .000  | + .000    | + .000  | + .000    | + .000   | + .000 | + .000 |
| + | ..         | + 80 | + 9536.636  | + 3.691 | + 1707.811 | + 2.451 | + 63.500  | + 2.540 | + 320.515 | + 9.223  | + .000 | + .000 |
| + | ..         | + 81 | + 7894.355  | + 3.653 | + 2649.406 | + 3.852 | + 37.338  | + .933  | + 942.200 | + 14.473 | + .000 | + .000 |
| + | ..         | + 82 | + 13816.770 | + 4.095 | + 1268.928 | + 2.552 | + 53.750  | + 1.208 | + 861.433 | + 23.731 | + .000 | + .000 |
| + | ..         | + 83 | + 12633.470 | + 4.052 | + 1108.075 | + 2.967 | + 2.600   | + .153  | + 160.798 | + 10.209 | + .000 | + .000 |
| + | ..         | + 84 | + 17592.310 | + 4.356 | + 1781.901 | + 2.328 | + 99.594  | + 1.272 | + 18.900  | + 4.725  | + .000 | + .000 |
| + | ..         | + 85 | + 17858.550 | + 4.519 | + 529.781  | + 1.882 | + 467.452 | + 1.340 | + 8.005   | + 3.202  | + .000 | + .000 |
| + | ..         | + 86 | + 25372.820 | + 4.673 | + 1796.003 | + 1.914 | + 637.575 | + 1.428 | + 295.145 | + 15.136 | + .000 | + .000 |
| + | ..         | + 87 | + 30619.010 | + 4.287 | + 973.401  | + 2.391 | + 495.506 | + 1.835 | + .000    | + .000   | + .000 | + .000 |



PAR PAYS ET PAR ORGANISME DE TUTELLE  
NB: AN 80 = hivernage 80 + csc 80/81 + csc 81  
Unites en Tonnes / Ha

SENEGAL

|             |      | RIZ        |         | MAIS      |         | SORGHO    |         | TOMATE     |          | NIEBE  |        |
|-------------|------|------------|---------|-----------|---------|-----------|---------|------------|----------|--------|--------|
| TUTELLE     | AN   | PROD       | REND    | PROD      | REND    | PROD      | REND    | PROD       | REND     | PROD   | REND   |
| + SAED      | + 80 | +31435.250 | + 4.197 | +1998.408 | + 2.396 | + .000    | + .000  | +15462.880 | + 24.175 | + .000 | + .000 |
| + SAED      | + 81 | +37057.730 | + 4.325 | +2809.692 | + 2.750 | + 45.653  | + 2.609 | +10988.260 | + 20.158 | + .000 | + .000 |
| + SAED      | + 82 | +42280.410 | + 4.114 | +2449.539 | + 2.227 | + 46.875  | + 1.674 | +1031.098  | + 14.954 | + .000 | + .000 |
| + SAED      | + 83 | +65728.600 | + 4.984 | +3604.365 | + 2.110 | + 139.100 | + 2.991 | +16968.880 | + 21.854 | + .000 | + .000 |
| + SAED      | + 84 | +63428.560 | + 4.776 | +1680.924 | + 2.315 | + 227.095 | + 3.357 | +14457.890 | + 16.327 | + .000 | + .000 |
| + SAED      | + 85 | +66938.090 | + 4.792 | +4831.146 | + 2.482 | +1077.525 | + 2.832 | + 7166.880 | + 13.566 | + .000 | + .000 |
| + SAED      | + 86 | +66407.280 | + 5.068 | +5341.709 | + 2.388 | +1316.757 | + 2.577 | +21318.140 | + 24.476 | + .000 | + .000 |
| + SAED      | + 87 | +53198.630 | + 4.798 | + 778.281 | + 1.901 | +1512.283 | + 2.170 | + .000     | + .000   | + .000 | + .000 |
| + NON ENCAD | + 80 | + 679.884  | + 2.090 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + NON ENCAD | + 81 | + 417.680  | + 2.142 | + .000    | + .000  | + .000    | + .000  | + 4.000    | + 2.000  | + .000 | + .000 |
| + NON ENCAD | + 82 | +1578.569  | + 3.724 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + NON ENCAD | + 83 | +3420.370  | + 4.438 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + NON ENCAD | + 84 | +2942.008  | + 3.632 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + NON ENCAD | + 85 | +3440.805  | + 2.945 | + .000    | + .000  | + .000    | + .000  | + 27.500   | + 10.000 | + .000 | + .000 |
| + NON ENCAD | + 86 | +3656.032  | + 3.760 | + .000    | + .000  | + .000    | + .000  | +280.000   | +20.000  | + .000 | + .000 |
| + NON ENCAD | + 87 | +5842.424  | + 4.163 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + PRIVE     | + 80 | + 24.840   | + 4.000 | + .000    | + .000  | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + PRIVE     | + 81 | + 70.700   | + 3.074 | + 5.850   | + 3.900 | + .500    | + .500  | +511.720   | +22.543  | + .000 | + .000 |
| + PRIVE     | + 82 | + 17.246   | + 3.310 | + .000    | + .000  | + .000    | + .000  | +108.998   | +17.301  | + .000 | + .000 |
| + PRIVE     | + 83 | +121.184   | + 4.115 | + 2.500   | + 2.500 | + .000    | + .000  | +365.000   | +16.591  | + .000 | + .000 |
| + PRIVE     | + 84 | +151.396   | + 4.339 | + .000    | + .000  | + .000    | + .000  | + 8.610    | + 1.722  | + .000 | + .000 |
| + PRIVE     | + 85 | +116.400   | + 4.656 | + 9.000   | + 1.500 | + .000    | + .000  | + .000     | + .000   | + .000 | + .000 |
| + PRIVE     | + 86 | +559.977   | + 4.132 | +32.500   | + 2.031 | + .000    | + .000  | +12.000    | +12.000  | + .000 | + .000 |
| + PRIVE     | + 87 | + 922.340  | + 5.597 | + 4.000   | + 2.000 | + 4.000   | + 2.000 | + .000     | + .000   | + .000 | + .000 |
| + ..        | + 80 | +32139.980 | + 4.110 | +1998.408 | + 2.396 | + .000    | + .000  | +15462.880 | + 24.175 | + .000 | + .000 |
| + ..        | + 81 | +37546.110 | + 4.273 | +2815.542 | + 2.752 | + 46.153  | + 2.495 | +11503.980 | + 20.189 | + .000 | + .000 |
| + ..        | + 82 | +43876.230 | + 4.098 | +2449.539 | + 2.227 | + 46.875  | + 1.674 | +1140.096  | + 15.151 | + .000 | + .000 |
| + ..        | + 83 | +69270.160 | + 4.952 | +3606.865 | + 2.110 | + 139.100 | + 2.991 | +17333.880 | + 21.709 | + .000 | + .000 |
| + ..        | + 84 | +66521.970 | + 4.709 | +1680.924 | + 2.315 | + 227.095 | + 3.357 | +14466.500 | + 16.245 | + .000 | + .000 |
| + ..        | + 85 | +70495.300 | + 4.640 | +4840.146 | + 2.479 | +1077.525 | + 2.832 | + 7194.380 | + 13.547 | + .000 | + .000 |
| + ..        | + 86 | +70623.290 | + 4.969 | +5374.209 | + 2.386 | +1316.757 | + 2.577 | +21610.140 | + 24.391 | + .000 | + .000 |
| + ..        | + 87 | +59963.390 | + 4.738 | + 782.281 | + 1.902 | +1516.283 | + 2.169 | + .000     | + .000   | + .000 | + .000 |



QUATRIEME PARTIE

SUPERFICIES (CULTIVEE ET RECOLTEE) PAR SPECULATION  
DE 1980 à 1987

POUR L'ENSEMBLE BASSIN ET PAR TYPE DE PERIMETRE

NB: AN 80 = Hivernage 80 + csf 80/81 + csc 81

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SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION  
DE 1980 A 1987

1.

POUR L'ENSEMBLE BASSIN ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

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ENS BASSIN

|       |      | RIZ        |            | MAIS      |           | SORGHO    |           | TOMATE    |          | NIEBE  |        |
|-------|------|------------|------------|-----------|-----------|-----------|-----------|-----------|----------|--------|--------|
| + TYP | + AN | + CULT     | + REC      | + CULT    | + REC     | + CULT    | + REC     | + CULT    | + REC    | + CULT | + REC  |
| + BP  | + 80 | + 7930.75  | + 5656.18  | + 238.00  | + 47.00   | + .00     | + .00     | + 537.53  | + 528.52 | + .00  | + .00  |
| + GP  | + 81 | + 6535.46  | + 4856.26  | + .00     | + .00     | + .00     | + .00     | + 555.51  | + 395.72 | + .00  | + .00  |
| + GP  | + 82 | + 7438.94  | + 6778.97  | + 106.00  | + 106.00  | + 3.00    | + 3.00    | + 4.00    | + 4.00   | + .00  | + .00  |
| + GP  | + 83 | + 8347.90  | + 7655.48  | + 81.00   | + 81.00   | + .00     | + .00     | + 393.93  | + 284.68 | + .00  | + .00  |
| + GP  | + 84 | + 9369.18  | + 8364.55  | + .00     | + .00     | + .00     | + .00     | + 521.23  | + 428.70 | + .00  | + .00  |
| + GP  | + 85 | + 9155.49  | + 8864.13  | + 1.50    | + 1.50    | + 1.50    | + 1.50    | + 300.32  | + 240.50 | + .00  | + .00  |
| + GP  | + 86 | + 8854.88  | + 8762.74  | + 157.50  | + 157.50  | + 51.83   | + 51.83   | + 372.70  | + 372.70 | + .00  | + .00  |
| + GP  | + 87 | + 6952.10  | + 6931.75  | + 206.00  | + 206.00  | + .00     | + .00     | + .00     | + .00    | + .00  | + .00  |
| + MP  | + 80 | + 896.02   | + 851.93   | + .00     | + .00     | + .00     | + .00     | + 53.40   | + 53.40  | + .00  | + .00  |
| + MP  | + 81 | + 2080.40  | + 1882.97  | + 10.50   | + 10.50   | + .00     | + .00     | + 67.30   | + 54.09  | + .00  | + .00  |
| + MP  | + 82 | + 2351.58  | + 2017.98  | + .00     | + .00     | + .00     | + .00     | + 13.53   | + 13.53  | + .00  | + .00  |
| + MP  | + 83 | + 2107.56  | + 2047.66  | + .00     | + .00     | + .00     | + .00     | + 254.49  | + 225.15 | + .00  | + .00  |
| + MP  | + 84 | + 2324.73  | + 2212.75  | + .00     | + .00     | + .00     | + .00     | + 198.47  | + 198.47 | + .00  | + .00  |
| + MP  | + 85 | + 2248.48  | + 2230.71  | + .00     | + .00     | + .00     | + .00     | + 235.70  | + 235.70 | + .00  | + .00  |
| + MP  | + 86 | + 1969.70  | + 1964.14  | + .00     | + .00     | + .00     | + .00     | + 117.80  | + 117.80 | + .00  | + .00  |
| + MP  | + 87 | + 927.96   | + 927.96   | + .00     | + .00     | + .00     | + .00     | + .00     | + .00    | + .00  | + .00  |
| + PP  | + 80 | + 4482.26  | + 3896.69  | + 1533.18 | + 1516.47 | + 40.75   | + 40.75   | + 134.51  | + 99.66  | + .52  | + .52  |
| + PP  | + 81 | + 4804.69  | + 4210.35  | + 1803.70 | + 1772.01 | + 101.00  | + 84.50   | + 195.50  | + 189.86 | + .00  | + .00  |
| + PP  | + 82 | + 5750.81  | + 5285.16  | + 1660.85 | + 1561.18 | + 131.43  | + 108.13  | + 139.40  | + 98.13  | + 4.00 | + 4.00 |
| + PP  | + 83 | + 8046.01  | + 7414.75  | + 2138.82 | + 2061.48 | + 97.29   | + 82.29   | + 312.19  | + 309.94 | + .00  | + .00  |
| + PP  | + 84 | + 8082.85  | + 7659.53  | + 1571.87 | + 1556.09 | + 149.17  | + 147.97  | + 291.56  | + 272.98 | + .60  | + .60  |
| + PP  | + 85 | + 8377.28  | + 8104.09  | + 2274.68 | + 2271.68 | + 769.14  | + 754.14  | + 60.67   | + 60.67  | + .00  | + .00  |
| + PP  | + 86 | + 9425.58  | + 8972.30  | + 3126.95 | + 3092.20 | + 1039.73 | + 950.76  | + 430.68  | + 418.68 | + .00  | + .00  |
| + PP  | + 87 | + 12255.47 | + 11977.91 | + 691.94  | + 680.76  | + 1035.92 | + 1035.92 | + 6.59    | + 5.56   | + .12  | + .12  |
| + ..  | + 80 | + 13309.03 | + 10404.80 | + 1771.18 | + 1563.47 | + 40.75   | + 40.75   | + 725.44  | + 681.58 | + .52  | + .52  |
| + ..  | + 81 | + 13420.55 | + 10949.58 | + 1814.20 | + 1782.51 | + 101.00  | + 84.50   | + 818.31  | + 639.67 | + .00  | + .00  |
| + ..  | + 82 | + 15541.33 | + 14082.11 | + 1766.85 | + 1667.18 | + 134.43  | + 111.13  | + 156.93  | + 115.66 | + 4.00 | + 4.00 |
| + ..  | + 83 | + 18501.47 | + 17117.89 | + 2219.82 | + 2142.48 | + 97.29   | + 82.29   | + 960.61  | + 819.77 | + .00  | + .00  |
| + ..  | + 84 | + 19776.76 | + 18236.83 | + 1571.87 | + 1556.09 | + 149.17  | + 147.97  | + 1011.26 | + 900.15 | + .60  | + .60  |
| + ..  | + 85 | + 19781.25 | + 19198.93 | + 2276.18 | + 2273.18 | + 770.64  | + 755.64  | + 596.69  | + 536.87 | + .00  | + .00  |
| + ..  | + 86 | + 20250.16 | + 19699.18 | + 3284.45 | + 3249.70 | + 1091.56 | + 1002.59 | + 921.18  | + 909.18 | + .00  | + .00  |
| + ..  | + 87 | + 20135.53 | + 19837.62 | + 897.94  | + 886.76  | + 1035.92 | + 1035.92 | + 6.59    | + 5.56   | + .12  | + .12  |



## 2.

NB: AN 80 = hibernage 80 + csf 80/81 + csc 81

NB: AN 80 = hibernage 80 + csf 80/81 + csc 81

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| RIZ  |      |           |           | MAIS    |         | SORGHO |        | TOMATE   |          | NIEBE |       |
|------|------|-----------|-----------|---------|---------|--------|--------|----------|----------|-------|-------|
| +TYP | AN   | CULT      | REC       | CULT    | REC     | CULT   | REC    | CULT     | REC      | CULT  | REC   |
| + GP | + 80 | + 1171.43 | + 841.43  | + .00   | + .00   | + .00  | + .00  | + 475.17 | + 466.16 | + .00 | + .00 |
| + GP | + 81 | + 704.30  | + 419.43  | + .00   | + .00   | + .00  | + .00  | + 425.31 | + 289.10 | + .00 | + .00 |
| + GP | + 82 | + 1061.76 | + 988.56  | + .00   | + .00   | + .00  | + .00  | + 4.00   | + 4.00   | + .00 | + .00 |
| + GP | + 83 | + 1420.00 | + 1320.64 | + .00   | + .00   | + .00  | + .00  | + 300.52 | + 191.27 | + .00 | + .00 |
| + GP | + 84 | + 1367.94 | + 1229.72 | + .00   | + .00   | + .00  | + .00  | + 457.73 | + 365.20 | + .00 | + .00 |
| + GP | + 85 | + 1508.98 | + 1298.30 | + .00   | + .00   | + .00  | + .00  | + 195.24 | + 135.42 | + .00 | + .00 |
| + GP | + 86 | + 797.88  | + 784.19  | + .00   | + .00   | + .00  | + .00  | + 297.70 | + 297.70 | + .00 | + .00 |
| + GP | + 87 | + 411.92  | + 406.92  | + .00   | + .00   | + .00  | + .00  | + .00    | + .00    | + .00 | + .00 |
| + MP | + 80 | + 282.07  | + 255.65  | + .00   | + .00   | + .00  | + .00  | + 45.00  | + 45.00  | + .00 | + .00 |
| + MP | + 81 | + 319.44  | + 284.77  | + .00   | + .00   | + .00  | + .00  | + 31.90  | + 18.69  | + .00 | + .00 |
| + MP | + 82 | + 419.33  | + 389.10  | + .00   | + .00   | + .00  | + .00  | + .00    | + .00    | + .00 | + .00 |
| + MP | + 83 | + 423.44  | + 410.44  | + .00   | + .00   | + .00  | + .00  | + 39.64  | + 29.24  | + .00 | + .00 |
| + MP | + 84 | + 363.17  | + 334.13  | + .00   | + .00   | + .00  | + .00  | + 28.44  | + 28.44  | + .00 | + .00 |
| + MP | + 85 | + 275.00  | + 275.00  | + .00   | + .00   | + .00  | + .00  | + .00    | + .00    | + .00 | + .00 |
| + MP | + 86 | + 229.04  | + 229.04  | + .00   | + .00   | + .00  | + .00  | + .00    | + .00    | + .00 | + .00 |
| + MP | + 87 | + 85.45   | + 85.45   | + .00   | + .00   | + .00  | + .00  | + .00    | + .00    | + .00 | + .00 |
| + PP | + 80 | + 160.59  | + 146.69  | + 52.10 | + 52.10 | + .00  | + .00  | + 55.10  | + 23.75  | + .00 | + .00 |
| + PP | + 81 | + 169.10  | + 163.10  | + 1.00  | + 1.00  | + 1.00 | + 1.00 | + 64.15  | + 61.15  | + .00 | + .00 |
| + PP | + 82 | + 513.07  | + 476.70  | + 2.00  | + 2.00  | + 2.00 | + 2.00 | + 63.10  | + 24.70  | + .00 | + .00 |
| + PP | + 83 | + 737.20  | + 727.50  | + 1.00  | + 1.00  | + 6.00 | + 5.00 | + 36.00  | + 33.75  | + .00 | + .00 |
| + PP | + 84 | + 730.78  | + 730.78  | + .00   | + .00   | + .00  | + .00  | + 35.56  | + 35.56  | + .00 | + .00 |
| + PP | + 85 | + 844.00  | + 797.30  | + .00   | + .00   | + .00  | + .00  | + 1.50   | + 1.50   | + .00 | + .00 |
| + PP | + 86 | + 1005.60 | + 993.60  | + 65.00 | + 62.00 | + .00  | + .00  | + 87.51  | + 82.51  | + .00 | + .00 |
| + PP | + 87 | + 1266.10 | + 1237.90 | + 36.00 | + 36.00 | + 8.00 | + 8.00 | + .00    | + .00    | + .00 | + .00 |
| + .. | + 80 | + 1614.09 | + 1243.77 | + 52.10 | + 52.10 | + .00  | + .00  | + 575.27 | + 534.91 | + .00 | + .00 |
| + .. | + 81 | + 1192.84 | + 867.30  | + 1.00  | + 1.00  | + 1.00 | + 1.00 | + 521.36 | + 368.94 | + .00 | + .00 |
| + .. | + 82 | + 1994.16 | + 1854.36 | + 2.00  | + 2.00  | + 2.00 | + 2.00 | + 67.10  | + 28.70  | + .00 | + .00 |
| + .. | + 83 | + 2580.64 | + 2458.58 | + 1.00  | + 1.00  | + 6.00 | + 5.00 | + 376.16 | + 254.26 | + .00 | + .00 |
| + .. | + 84 | + 2461.89 | + 2294.63 | + .00   | + .00   | + .00  | + .00  | + 521.73 | + 429.20 | + .00 | + .00 |
| + .. | + 85 | + 2627.98 | + 2370.60 | + .00   | + .00   | + .00  | + .00  | + 196.74 | + 136.92 | + .00 | + .00 |
| + .. | + 86 | + 2032.52 | + 2006.83 | + 65.00 | + 62.00 | + .00  | + .00  | + 385.21 | + 380.21 | + .00 | + .00 |
| + .. | + 87 | + 1763.47 | + 1730.27 | + 36.00 | + 36.00 | + 8.00 | + 8.00 | + .00    | + .00    | + .00 | + .00 |



## SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION

DE 1980 A 1987

3.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

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DELTA

|      |     | RIZ       |           | MAIS    |         | SORGHO  |         | TOMATE   |          | NIEBE |       |
|------|-----|-----------|-----------|---------|---------|---------|---------|----------|----------|-------|-------|
| +TYP | +AN | +CULT     | +REC      | +CULT   | +REC    | +CULT   | +REC    | +CULT    | +REC     | +CULT | +REC  |
| +GP  | +80 | +5647.30  | +3755.41  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +81 | +4930.66  | +3601.01  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +82 | +5116.68  | +4674.50  | + 6.00  | + 6.00  | + 3.00  | + 3.00  | + .00    | + .00    | + .00 | + .00 |
| +GP  | +83 | +5496.67  | +4931.22  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +84 | +5898.20  | +5031.79  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +85 | +5723.56  | +5642.88  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +86 | +5810.54  | +5745.43  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +GP  | +87 | +4240.73  | +4237.61  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +MP  | +80 | +515.59   | +497.92   | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +MP  | +81 | +1547.03  | +1404.00  | + 10.50 | + 10.50 | + .00   | + .00   | + 17.00  | + 17.00  | + .00 | + .00 |
| +MP  | +82 | +1689.10  | +1451.02  | + .00   | + .00   | + .00   | + .00   | + 6.35   | + 6.35   | + .00 | + .00 |
| +MP  | +83 | +1554.66  | +1509.79  | + .00   | + .00   | + .00   | + .00   | + 203.60 | + 184.66 | + .00 | + .00 |
| +MP  | +84 | +1801.68  | +1718.74  | + .00   | + .00   | + .00   | + .00   | + 146.52 | + 146.52 | + .00 | + .00 |
| +MP  | +85 | +1824.79  | +1807.02  | + .00   | + .00   | + .00   | + .00   | + 216.95 | + 216.95 | + .00 | + .00 |
| +MP  | +86 | +1591.82  | +1591.82  | + .00   | + .00   | + .00   | + .00   | + 107.80 | + 107.80 | + .00 | + .00 |
| +MP  | +87 | +806.29   | +806.29   | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +PP  | +80 | +1039.82  | +785.32   | + .00   | + .00   | + .00   | + .00   | + 5.00   | + 5.00   | + .00 | + .00 |
| +PP  | +81 | +992.29   | +699.63   | + 11.50 | + 11.50 | + .00   | + .00   | + 14.00  | + 14.00  | + .00 | + .00 |
| +PP  | +82 | +1081.01  | +926.73   | + .00   | + .00   | + .00   | + .00   | + 6.50   | + 3.90   | + .00 | + .00 |
| +PP  | +83 | +1673.11  | +1499.85  | + .00   | + .00   | + 12.00 | + 12.00 | + 4.00   | + 4.00   | + .00 | + .00 |
| +PP  | +84 | +2077.08  | +1807.16  | + .00   | + .00   | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +PP  | +85 | +2688.81  | +2571.81  | + .00   | + .00   | + .00   | + .00   | + 2.75   | + 2.75   | + .00 | + .00 |
| +PP  | +86 | +3419.36  | +3040.73  | + 40.00 | + 40.00 | + .00   | + .00   | + 22.58  | + 22.58  | + .00 | + .00 |
| +PP  | +87 | +5192.69  | +4973.19  | + 7.10  | + 7.10  | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |
| +..  | +80 | +7201.71  | +5038.65  | + .00   | + .00   | + .00   | + .00   | + 5.00   | + 5.00   | + .00 | + .00 |
| +..  | +81 | +7469.98  | +5704.64  | + 22.00 | + 22.00 | + .00   | + .00   | + 31.00  | + 31.00  | + .00 | + .00 |
| +..  | +82 | +7886.79  | +7052.25  | + 6.00  | + 6.00  | + 3.00  | + 3.00  | + 12.85  | + 10.25  | + .00 | + .00 |
| +..  | +83 | +8724.44  | +7940.86  | + .00   | + .00   | + 12.00 | + 12.00 | + 207.60 | + 188.66 | + .00 | + .00 |
| +..  | +84 | +9776.96  | +8557.69  | + .00   | + .00   | + .00   | + .00   | + 146.52 | + 146.52 | + .00 | + .00 |
| +..  | +85 | +10237.16 | +10021.71 | + .00   | + .00   | + .00   | + .00   | + 219.70 | + 219.70 | + .00 | + .00 |
| +..  | +86 | +10821.72 | +10377.98 | + 40.00 | + 40.00 | + .00   | + .00   | + 130.38 | + 130.38 | + .00 | + .00 |
| +..  | +87 | +10239.71 | +10017.09 | + 7.10  | + 7.10  | + .00   | + .00   | + .00    | + .00    | + .00 | + .00 |



## SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION

DE 1980 A 1987

4.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

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|       |      | RIZ       |           | MAIS     |          | SORGHO   |          | TOMATE   |          | NIEBE  |       |        |       |
|-------|------|-----------|-----------|----------|----------|----------|----------|----------|----------|--------|-------|--------|-------|
| + TYP | + AN | + CULT    | + REC     | + CULT   | + REC    | + CULT   | + REC    | + CULT   | + REC    | + CULT | + REC | + CULT | + REC |
| + GP  | + 80 | + 733.52  | + 680.84  | + .00    | + .00    | + .00    | + .00    | + 62.36  | + 62.36  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 81 | + 900.50  | + 835.82  | + .00    | + .00    | + .00    | + .00    | + 130.20 | + 106.62 | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 82 | + 680.50  | + 535.91  | + .00    | + .00    | + .00    | + .00    | + .00    | + .00    | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 83 | + 816.23  | + 788.62  | + 81.00  | + 81.00  | + .00    | + .00    | + 93.41  | + 93.41  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 84 | + 1418.04 | + 1418.04 | + .00    | + .00    | + .00    | + .00    | + 63.50  | + 63.50  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 85 | + 1222.95 | + 1222.95 | + 1.50   | + 1.50   | + 1.50   | + 1.50   | + 105.08 | + 105.08 | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 86 | + 1557.46 | + 1544.12 | + 157.50 | + 157.50 | + 51.83  | + 51.83  | + 75.00  | + 75.00  | + .00  | + .00 | + .00  | + .00 |
| + GP  | + 87 | + 1610.45 | + 1598.22 | + 206.00 | + 206.00 | + .00    | + .00    | + .00    | + .00    | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 80 | + 98.36   | + 98.36   | + .00    | + .00    | + .00    | + .00    | + 8.40   | + 8.40   | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 81 | + 213.93  | + 194.20  | + .00    | + .00    | + .00    | + .00    | + 18.40  | + 18.40  | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 82 | + 243.15  | + 177.86  | + .00    | + .00    | + .00    | + .00    | + 7.18   | + 7.18   | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 83 | + 129.46  | + 127.43  | + .00    | + .00    | + .00    | + .00    | + 11.25  | + 11.25  | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 84 | + 159.88  | + 159.88  | + .00    | + .00    | + .00    | + .00    | + 23.51  | + 23.51  | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 85 | + 148.69  | + 148.69  | + .00    | + .00    | + .00    | + .00    | + 18.75  | + 18.75  | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 86 | + 148.84  | + 143.28  | + .00    | + .00    | + .00    | + .00    | + 10.00  | + 10.00  | + .00  | + .00 | + .00  | + .00 |
| + MP  | + 87 | + 36.22   | + 36.22   | + .00    | + .00    | + .00    | + .00    | + .00    | + .00    | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 80 | + 1657.61 | + 1513.84 | + 165.07 | + 165.07 | + 10.00  | + 10.00  | + 67.19  | + 63.69  | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 81 | + 2256.95 | + 1982.57 | + 102.87 | + 94.62  | + 6.25   | + 6.25   | + 112.30 | + 109.80 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 82 | + 2656.99 | + 2458.15 | + 107.50 | + 104.50 | + 14.00  | + 14.00  | + 61.74  | + 61.74  | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 83 | + 3628.17 | + 3236.67 | + 270.50 | + 270.50 | + .00    | + .00    | + 266.65 | + 266.65 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 84 | + 2715.92 | + 2658.18 | + 349.10 | + 345.10 | + 2.00   | + 2.00   | + 249.53 | + 231.53 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 85 | + 2416.81 | + 2374.46 | + 815.95 | + 815.95 | + 34.00  | + 34.00  | + 53.10  | + 53.10  | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 86 | + 2355.97 | + 2334.47 | + 669.56 | + 668.06 | + 209.50 | + 196.50 | + 315.90 | + 308.90 | + .00  | + .00 | + .00  | + .00 |
| + PP  | + 87 | + 2850.21 | + 2822.21 | + 112.00 | + 112.00 | + 31.01  | + 31.01  | + .00    | + .00    | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 80 | + 2489.49 | + 2293.04 | + 165.07 | + 165.07 | + 10.00  | + 10.00  | + 137.95 | + 134.45 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 81 | + 3371.38 | + 3012.59 | + 102.87 | + 94.62  | + 6.25   | + 6.25   | + 260.90 | + 234.82 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 82 | + 3580.64 | + 3171.92 | + 107.50 | + 104.50 | + 14.00  | + 14.00  | + 68.92  | + 68.92  | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 83 | + 4573.86 | + 4152.72 | + 351.50 | + 351.50 | + .00    | + .00    | + 371.31 | + 371.31 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 84 | + 4293.84 | + 4236.10 | + 349.10 | + 345.10 | + 2.00   | + 2.00   | + 336.54 | + 318.54 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 85 | + 3788.45 | + 3746.10 | + 817.45 | + 817.45 | + 35.50  | + 35.50  | + 176.93 | + 176.93 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 86 | + 4062.27 | + 4021.87 | + 827.06 | + 825.56 | + 261.33 | + 248.33 | + 400.90 | + 393.90 | + .00  | + .00 | + .00  | + .00 |
| + ..  | + 87 | + 4496.88 | + 4456.65 | + 318.00 | + 318.00 | + 31.01  | + 31.01  | + .00    | + .00    | + .00  | + .00 | + .00  | + .00 |



## SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION

5.

DE 1980 A 1987

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

Unite en Ha

MOYENNE VALLEE AMONT

| RIZ  |      |           | MAIS      |           |           | SORGHO   |          |        | TOMATE |       |       | NIEBE |       |  |
|------|------|-----------|-----------|-----------|-----------|----------|----------|--------|--------|-------|-------|-------|-------|--|
| +TYP | AN   | CULT      | REC       | CULT      | REC       | CULT     | REC      | CULT   | REC    | CULT  | REC   | CULT  | REC   |  |
| + GP | + 80 | + 378.50  | + 378.50  | + 238.00  | + 47.00   | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 81 | + .00     | + .00     | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 82 | + 580.00  | + 580.00  | + 100.00  | + 100.00  | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 83 | + 615.00  | + 615.00  | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 84 | + 685.00  | + 685.00  | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 85 | + 700.00  | + 700.00  | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 86 | + 689.00  | + 689.00  | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + GP | + 87 | + 689.00  | + 689.00  | + .00     | + .00     | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 80 | + 1354.81 | + 1186.18 | + 863.04  | + 856.87  | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 81 | + 1061.52 | + 1051.52 | + 1067.67 | + 1056.73 | + 1.75   | + 1.75   | + .15  | + .15  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 82 | + 1162.54 | + 1103.93 | + 1328.49 | + 1244.42 | + 25.50  | + 25.50  | + 3.68 | + 3.68 | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 83 | + 1561.02 | + 1523.72 | + 1480.50 | + 1416.46 | + 50.00  | + 42.00  | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 84 | + 1955.14 | + 1885.48 | + 777.66  | + 771.66  | + 77.10  | + 75.90  | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 85 | + 1742.40 | + 1691.80 | + 1218.63 | + 1216.63 | + 706.27 | + 691.27 | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 86 | + 2138.90 | + 2123.25 | + 1695.10 | + 1684.10 | + 335.73 | + 315.76 | + 1.00 | + 1.00 | + .00 | + .00 | + .00 | + .00 |  |
| + PP | + 87 | + 2460.07 | + 2460.07 | + 147.11  | + 147.11  | + 499.91 | + 499.91 | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 80 | + 1733.31 | + 1564.68 | + 1101.04 | + 903.87  | + .00    | + .00    | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 81 | + 1061.52 | + 1051.52 | + 1067.67 | + 1056.73 | + 1.75   | + 1.75   | + .15  | + .15  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 82 | + 1742.54 | + 1683.93 | + 1428.49 | + 1344.42 | + 25.50  | + 25.50  | + 3.68 | + 3.68 | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 83 | + 2176.02 | + 2138.72 | + 1480.50 | + 1416.46 | + 50.00  | + 42.00  | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 84 | + 2640.14 | + 2570.48 | + 777.66  | + 771.66  | + 77.10  | + 75.90  | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 85 | + 2442.40 | + 2391.80 | + 1218.63 | + 1216.63 | + 706.27 | + 691.27 | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 86 | + 2827.90 | + 2812.25 | + 1695.10 | + 1684.10 | + 335.73 | + 315.76 | + 1.00 | + 1.00 | + .00 | + .00 | + .00 | + .00 |  |
| + .. | + 87 | + 3149.07 | + 3149.07 | + 147.11  | + 147.11  | + 499.91 | + 499.91 | + .00  | + .00  | + .00 | + .00 | + .00 | + .00 |  |



SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION  
DE 1980 A 1987

6.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csc 80/81 + csc 81

Unite en Ha

HAUTE VALLEE

|     |    | RIZ    |        | MAIS   |        | SORGHO |        | TOMATE |     | NIEBE |     |      |     |
|-----|----|--------|--------|--------|--------|--------|--------|--------|-----|-------|-----|------|-----|
| TYP | AN | CULT   | REC    | CULT   | REC    | CULT   | REC    | CULT   | REC | CULT  | REC | CULT | REC |
| PP  | 80 | 270.43 | 264.66 | 417.46 | 409.59 | 15.00  | 15.00  | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 81 | 322.83 | 311.53 | 549.03 | 536.53 | 64.50  | 49.50  | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 82 | 335.50 | 318.50 | 140.50 | 140.50 | 35.80  | 28.00  | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 83 | 428.00 | 414.00 | 324.75 | 313.85 | 4.50   | 4.50   | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 84 | 530.93 | 505.93 | 376.46 | 374.46 | 68.07  | 68.07  | .25    | .25 | .00   | .00 | .00  | .00 |
| PP  | 85 | 630.00 | 613.46 | 199.80 | 199.80 | 2.50   | 2.50   | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 86 | 448.50 | 423.00 | 598.35 | 579.35 | 449.50 | 393.50 | .00    | .00 | .00   | .00 | .00  | .00 |
| PP  | 87 | 444.04 | 443.54 | 310.26 | 310.26 | 438.00 | 438.00 | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 80 | 270.43 | 264.66 | 417.46 | 409.59 | 15.00  | 15.00  | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 81 | 322.83 | 311.53 | 549.03 | 536.53 | 64.50  | 49.50  | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 82 | 335.50 | 318.50 | 140.50 | 140.50 | 35.80  | 28.00  | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 83 | 428.00 | 414.00 | 324.75 | 313.85 | 4.50   | 4.50   | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 84 | 530.93 | 505.93 | 376.46 | 374.46 | 68.07  | 68.07  | .25    | .25 | .00   | .00 | .00  | .00 |
| ..  | 85 | 630.00 | 613.46 | 199.80 | 199.80 | 2.50   | 2.50   | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 86 | 448.50 | 423.00 | 598.35 | 579.35 | 449.50 | 393.50 | .00    | .00 | .00   | .00 | .00  | .00 |
| ..  | 87 | 444.04 | 443.54 | 310.26 | 310.26 | 438.00 | 438.00 | .00    | .00 | .00   | .00 | .00  | .00 |



SUPERFICIES ( CULTIVEE ET RECOLTEE ) PAR SPECULATION  
DE 1980 A 1987

7.

PAR ZONE GEOGRAPHIQUE ET PAR TYPE DE PERIMETRE

NB: AN 80 = hivernage 80 + csf 80/81 + csc 81

Unite en Ha

HAUT BASSIN

|       |      | RIZ     |         |         |         | MAIS    |         |        |        | SORGHO |        |        |       |
|-------|------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
|       |      |         |         |         |         |         |         |        |        |        |        |        |       |
| + TYP | + AN | + CULT  | + REC   | + CULT  | + REC   | + CULT  | + REC   | + CULT | + REC  | + CULT | + REC  | + CULT | + REC |
| + PP  | + 80 | + .00   | + .00   | + 35.51 | + 32.84 | + 15.75 | + 15.75 | + 7.22 | + 7.22 | + .52  | + .52  |        |       |
| + PP  | + 81 | + 2.00  | + 2.00  | + 71.63 | + 71.63 | + 27.50 | + 26.00 | + 4.90 | + 4.76 | + .00  | + .00  |        |       |
| + PP  | + 82 | + 1.70  | + 1.15  | + 82.36 | + 69.76 | + 54.13 | + 38.63 | + 4.38 | + 4.11 | + 4.00 | + 4.00 |        |       |
| + PP  | + 83 | + 18.51 | + 13.01 | + 62.07 | + 59.67 | + 24.79 | + 18.79 | + 5.54 | + 5.54 | + .00  | + .00  |        |       |
| + PP  | + 84 | + 73.00 | + 72.00 | + 68.65 | + 64.87 | + 2.00  | + 2.00  | + 6.22 | + 5.64 | + .60  | + .60  |        |       |
| + PP  | + 85 | + 55.26 | + 55.26 | + 40.30 | + 39.30 | + 26.37 | + 26.37 | + 3.32 | + 3.32 | + .00  | + .00  |        |       |
| + PP  | + 86 | + 57.25 | + 57.25 | + 58.94 | + 58.69 | + 45.00 | + 45.00 | + 3.69 | + 3.69 | + .00  | + .00  |        |       |
| + PP  | + 87 | + 42.36 | + 41.00 | + 79.47 | + 68.29 | + 59.00 | + 59.00 | + 6.59 | + 5.56 | + .12  | + .12  |        |       |
| + ..  | + 80 | + .00   | + .00   | + 35.51 | + 32.84 | + 15.75 | + 15.75 | + 7.22 | + 7.22 | + .52  | + .52  |        |       |
| + ..  | + 81 | + 2.00  | + 2.00  | + 71.63 | + 71.63 | + 27.50 | + 26.00 | + 4.90 | + 4.76 | + .00  | + .00  |        |       |
| + ..  | + 82 | + 1.70  | + 1.15  | + 82.36 | + 69.76 | + 54.13 | + 38.63 | + 4.38 | + 4.11 | + 4.00 | + 4.00 |        |       |
| + ..  | + 83 | + 18.51 | + 13.01 | + 62.07 | + 59.67 | + 24.79 | + 18.79 | + 5.54 | + 5.54 | + .00  | + .00  |        |       |
| + ..  | + 84 | + 73.00 | + 72.00 | + 68.65 | + 64.87 | + 2.00  | + 2.00  | + 6.22 | + 5.64 | + .60  | + .60  |        |       |
| + ..  | + 85 | + 55.26 | + 55.26 | + 40.30 | + 39.30 | + 26.37 | + 26.37 | + 3.32 | + 3.32 | + .00  | + .00  |        |       |
| + ..  | + 86 | + 57.25 | + 57.25 | + 58.94 | + 58.69 | + 45.00 | + 45.00 | + 3.69 | + 3.69 | + .00  | + .00  |        |       |
| + ..  | + 87 | + 42.36 | + 41.00 | + 79.47 | + 68.29 | + 59.00 | + 59.00 | + 6.59 | + 5.56 | + .12  | + .12  |        |       |

